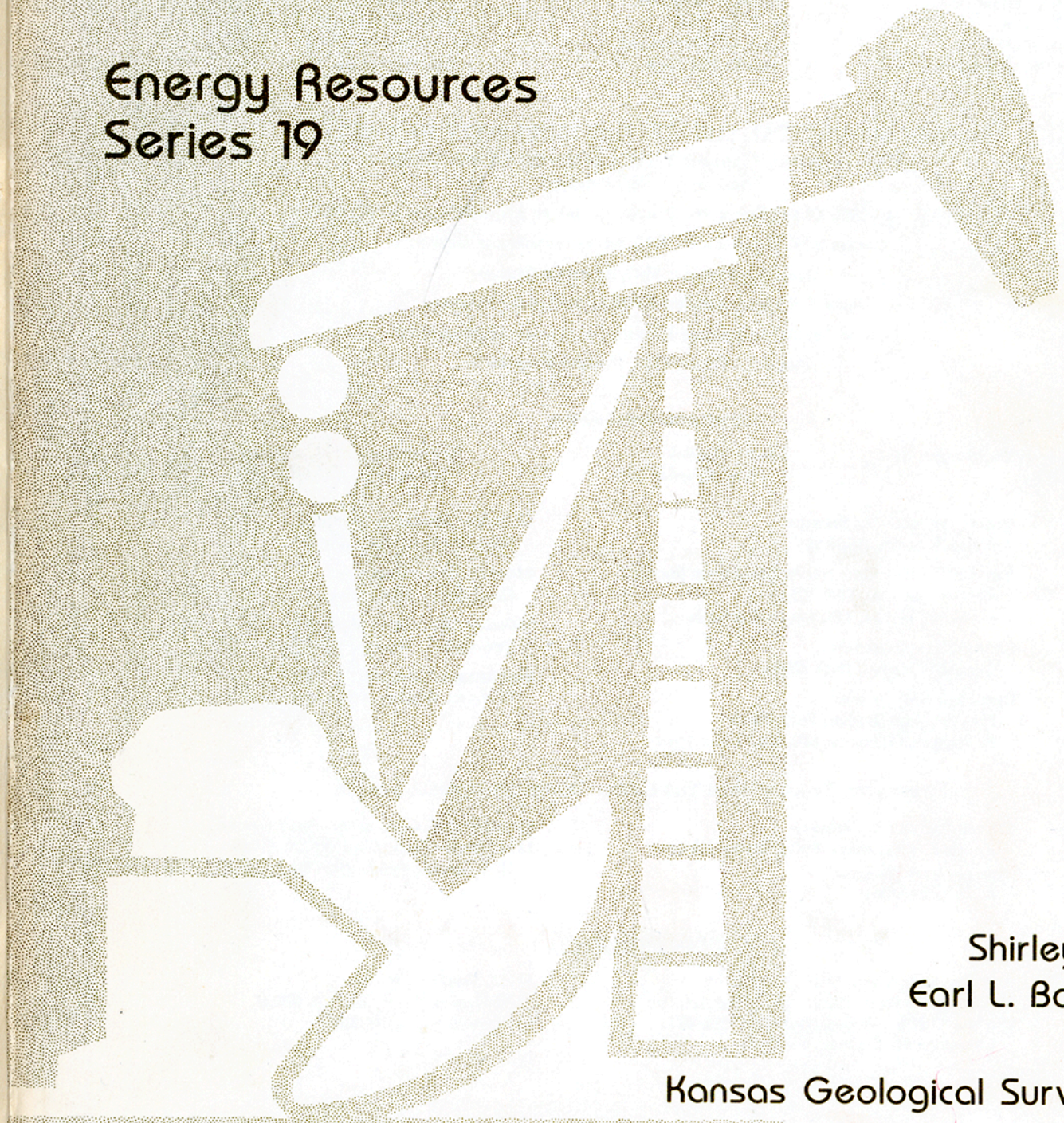
Enhanced Oil-Recovery Operations in Kansas 1980

Energy Resources
Series 19



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Kansas Geological Survey 1981

ENHANCED OIL-RECOVERY OPERATIONS IN KANSAS 1980

by

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KANSAS GEOLOGICAL SURVEY
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1. Map of Kansas Showing Counties with Enhanced-Recovery Projects ii

INTRODUCTION

The information contained in this report has been assembled by the Kansas Geological Survey for the Oil and Gas Conservation Division of the Kansas Corporation Commission.

The Kansas Corporation Commission (KCC) is the regulatory body for oil and gas matters in Kansas. Specific sections of the KCC's general rules and regulations deal with application, approval, operation, authorization, and discontinuance of enhanced recovery of oil projects or properties in Kansas.

Field data and written or verbal testimony for each proposed enhanced-recovery project are received by the KCC prior to authorization of a project. After authorization, the operator is required to submit yearly reports for each project. To satisfy this requirement, the Kansas Geological Survey mails questionnaires to all operators, tabulates the information, and publishes the Enhanced Oil-Recovery Operations reports. The questionnaires are then filed permanently with the KCC office in Wichita.

Table 1 is a list of active enhanced oil-recovery projects, arranged alphabetically by county and field. Each project is identified by name and by an identification number assigned by the KCC. Through 1976, the KCC assigned the numbers sequentially. Beginning in early 1977, the KCC has assigned numbers that identify the type of project and the date of its authorization. For instance, the number CR 10775 identifies a conservation repressuring permit (CR) issued in October (10) 1977 (77); it was the fifth permit of this type processed that month (5).

Other pertinent information for each project listed in Table 1 includes thickness and depths of oil-producing zones or injection horizons, sources of water, and cumulative figures on oil produced and water injected.

SUMMARY

There are 1,918 projects listed in Table 1. The projects are in operation throughout the State and are usually in counties where primary production has been high. Figure 1 is a map of Kansas showing the distribution of enhanced-recovery projects by county. If a project underlies more than one county, the project is counted in the county appearing first in an alphabetical listing.

Reported estimates of oil recovered by enhanced oil-recovery (EOR) methods in 1980 amounted to approximately 10.2 million barrels

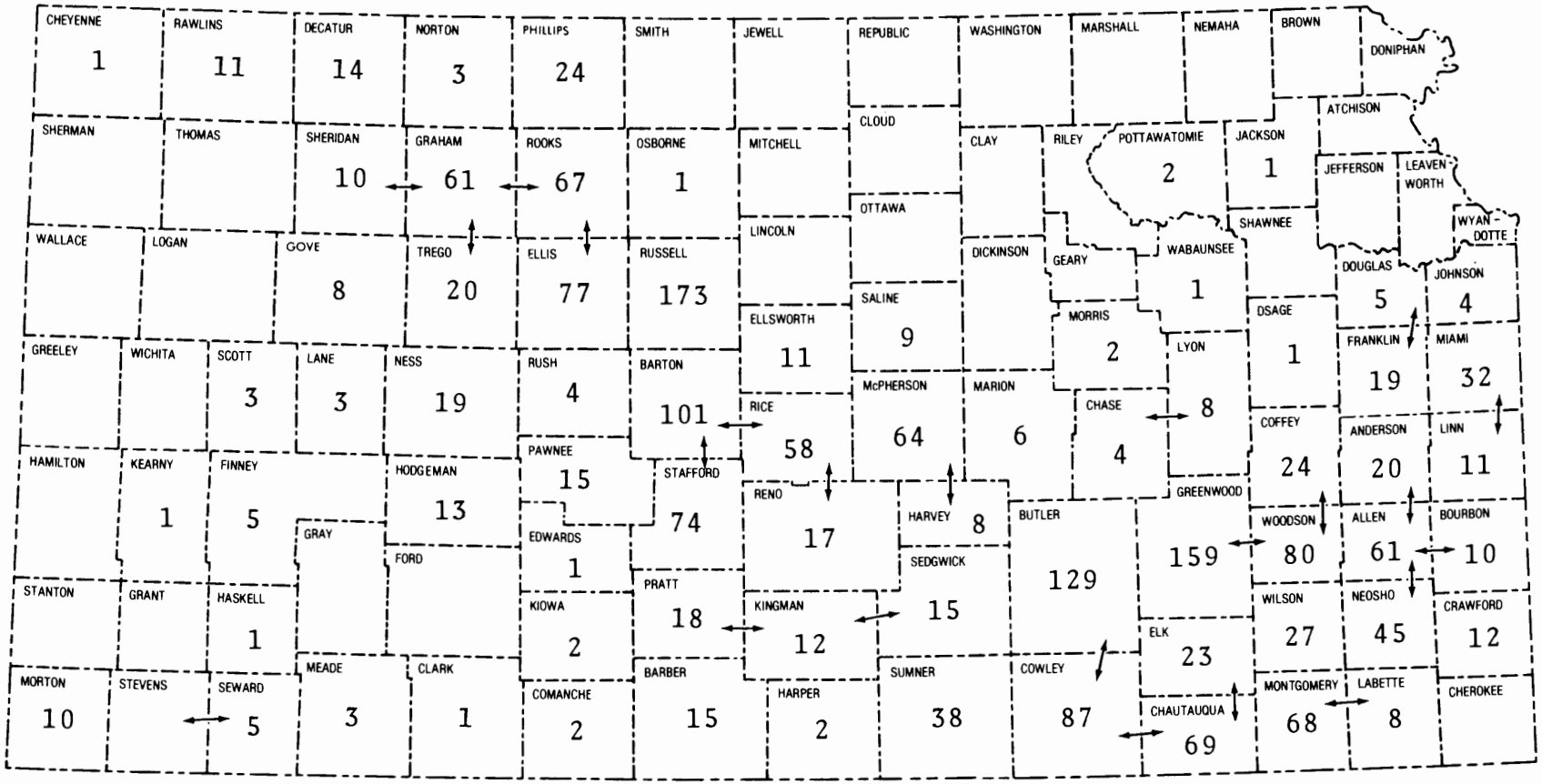


Figure 1. Map of Kansas showing counties with enhanced-recovery projects and their reported number of projects. Arrows indicate projects overlapping into other counties.

or approximately 17.4 percent of the Kansas crude production of 58.5 million barrels. The summary of county projects and their totals is found in Table 2. This table includes total oil production, oil recovered by enhanced methods, fluid injected, number of wells (production and injection), and number of projects.

Russell County has the largest number of reported projects in the State with 173 and recovered approximately 1,215,000 barrels by enhanced recovery during 1980. Greenwood and Butler counties were second and third in number of projects with 158 and 127, respectively. Morton County was first in amount of oil recovered by enhanced methods with 1,220,000 barrels, Russell County second, and Butler County third with 680,000 barrels.

Table 3 is a tabulation showing state totals of the EOR data. In 1980 a total of 14,956 active producing wells and 6,481 injection wells, or approximately one third of the total producing oil wells, were reported as being included in EOR projects.

The amount of production that is truly enhanced-recovery oil can only be estimated except in the cases where an area had ceased producing primary-recovery oil prior to initiation of enhanced oil-recovery techniques. Frequently it is desirable to initiate enhanced-recovery operations prior to cessation of primary production. Engineering calculations and production performance are used to determine the portions of production attributable to primary or enhanced recovery in these instances.

Table 4 is a list of projects that were reported inactive during 1980. Table 5 is a tabulation of the projects that were either abandoned or first reported abandoned during 1980. EOR projects approved by the KCC but not initiated by the end of 1980 are listed in Table 6. EOR projects reported cancelled during 1980 are shown in Table 7.

TERTIARY RECOVERY RESEARCH

The continuing research activities of the Tertiary Oil Recovery Project (TORP) of The University of Kansas are summarized by Dr. Don W. Green as follows:

The Tertiary Oil Recovery Project (TORP) was initiated at The University of Kansas in 1974. The Project was established to conduct research on oil-recovery processes that can be used after oil has been produced from fields by conventional waterflooding or dry gas injection (secondary recovery). The tertiary

processes generally involve the injection of chemicals or heat to recover oil that would otherwise be left behind.

TORP involves members of the Departments of Chemical and Petroleum Engineering, Geology, and Chemistry, and the Kansas Geological Survey. The Project is also assisted by an Advisory Board composed of members of the Kansas petroleum industry.

The research work of TORP may be classified as follows:

a) Development of a research laboratory with appropriate analytical methods.
b) Research on the micellar-polymer displacement process.
c) Research on applications of polymers and gelled polymers.
d) Research on the in-situ combustion (thermal) recovery process.
e) Computer modeling.

a) Laboratory and analytical methods development

During the early years of the Project, extensive effort was devoted to the development of a modern oil-recovery laboratory with the necessary analytical capabilities. The laboratory is located on the fourth floor of Learned Hall, adjoining the laboratories of the Department of Chemical and Petroleum Engineering.

b) Research on the micellar/polymer displacement process

Research has been under way on the micellar-polymer oil-recovery process. This process is based on the injection of a detergent-type chemical into a reservoir to "wash" trapped oil out of the reservoir rock. The chemical solution used typically consists of a surfactant (petroleum sulfonate), alcohol, brine, and oil mixture and is termed a micellar solution. Solutions of high-molecular-weight polymers are injected after the micellar solution as a means of efficiently pushing the micellar solution through the reservoir.

The research has focused on a determination of the general effectiveness of the solutions in removing oil from reservoir rocks, on understanding the mechanisms by which this removal occurs, and on developing criteria for the chemical formulation of the solutions. Early experiments utilized relatively simple hydrocarbon systems to improve our understanding of the micellar solutions. Later work has been extended to crude oils from specific Kansas reservoirs. A general understanding of how to formulate chemically effective solutions has been developed from

the work with the simple systems. The initial studies with Kansas oils have indicated that this information is directly transferable to crude oils of the type that exist in Kansas. In laboratory cores, chemical solutions have been tested that will recover essentially all of the oil left after a waterflood. Presently, the chemical solutions being used are relatively expensive and are not attractive for economic application. Additional research is required to develop chemical systems that can be used to displace oil economically.

c) Research on applications of polymers and gelled polymers

Chemical-flooding research is also being conducted on the use of high-molecular-weight polymers in oil-recovery processes. Polymer solutions are used in conjunction with micellar flooding as a means of uniformly "pushing" the micellar solution through the reservoir rock. Polymers may also be used to augment waterflooding as a way of improving oil-displacement efficiency.

The laboratory research has focused on an attempt to understand the behavior of polymer solution as it flows through a reservoir rock and the interaction between the rock and the polymer molecules. Information has been developed on interactions of polymer molecules with sandstone rocks. This work has been applied to specific reservoir rocks from southeastern Kansas. A study has also been initiated on polymer-rock interactions for carbonate-type rocks such as found in central and western Kansas. Research results from these studies have direct applicability to the design of polymer-augmented waterfloods throughout the State.

Another application of polymers being investigated involves their gel-forming properties. Polymers will form gels when in contact with certain chemical reagents. The gels can be used to block liquid flow in highly permeable parts of a reservoir. The result of such blockage would be to divert liquids into "tighter" areas of the reservoirs, causing the recovery of additional oil. Two different methods of chemically reacting the polymer molecules to form the gels are under study. With one of these processes data have been obtained and correlated on gelation reaction times as a function of several system parameters. Gelation times are important because of the desirability of being able to place the chemical system at a desired location in a reservoir before the system reacts to form an

immobile gel. Data currently are being taken on gel stability and its dependence on the system parameters.

d) Research on the in-situ combustion (thermal) oil recovery process

The in-situ combustion process consists of creating a charcoal-type flame in a reservoir, using the crude oil in the reservoir as the fuel source. This process is generally applicable to heavy crude oils such as found in the eastern part of the State. Considerable effort has gone into the construction of an in-situ combustion apparatus that can be used for experimental work to study this process. Crude oil from southeastern Kansas has been used in the initial experiments in the apparatus and data are being collected on the combustion characteristics of Kansas crude oils. Such data are required for the design of the process when it is implemented in a specific oil reservoir.

e) Computer modeling

A computer model has been developed that will describe oil flow (in a simplified manner) in a producing oil field that is being waterflooded. It can be used to study flood behavior and to improve waterflood efficiency. The model is being tested on data from specific Kansas reservoirs and will soon be available for use by operators in the State.

TERTIARY RECOVERY PROJECTS

Of the 1,918 enhanced-recovery projects for which annual reports were received in 1980, only five are active tertiary-recovery projects and two are inactive tertiary projects. Two tertiary-recovery projects were reported in operation in Allen County. Carmel Energy, Inc., is utilizing a patented process for tertiary recovery in the Riggs West Field. The project employed one injection well and 47 producing wells during 1980. Approximately 15,500 barrels of water were injected and 18,500 barrels of oil were produced, of which 6,200 barrels were attributed to secondary recovery. No production was attributed to tertiary recovery during 1980. The approximate cumulative figures for the project are as follows: water injection, 878,000 barrels; gas injection, 151 million standard cubic feet; total oil production, 120,000 barrels; secondary oil production, 19,500 barrels; and tertiary-oil production, 14,000 barrels.

Inexco Oil Company reported a polymer tertiary-recovery flood in the Moran Field in Allen County. One-hundred-forty-six wells were

used as injection wells and 177 wells produced from the project during 1980. The 1980 annual figures are approximately 396,000 barrels of fluid injected, 43,600 barrels of secondary oil, and 5,700 barrels of tertiary oil. The cumulative figures for the project are approximately 5,607,000 barrels of fluid injected, and 1,136,000 barrels of total oil produced, with 936,000 barrels of oil attributed to secondary recovery and 27,300 barrels of oil attributed to tertiary recovery.

Cities Service Oil Company has continued with the closely monitored micellar polymer flood project in the El Dorado Field in Butler County. The project includes 19 injection wells and eight producing wells. During 1980 approximately 335,000 barrels of fluid were injected, resulting in approximately 3,000 barrels of oil production, all of which was considered to be tertiary-recovery oil. The cumulative figures from the project area are approximately 1,955,000 barrels of fluid injection and 7,724,803 of oil production, of which 17,000 barrels are attributed to tertiary recovery.

An In-Situ Combustion project was reported by Electrofrac Corporation in the St. Paul-Walnut Field, in Neosho County. During 1980 the project utilized one air-injection well and six producing wells. Approximately 1,053,000 standard cubic feet of air were injected and 570 barrels of tertiary oil were produced during 1980. No cumulative figures were reported.

Woodson County had one tertiary-recovery project in the Vernon Field, reported by Kanalta Resources. It is a polymer-flood project using eight injection wells and 20 producing wells during 1980. The volume injected was not reported; however, approximately 13,000 barrels of oil were produced from the project, of which 9,100 barrels of oil were estimated to be the result of tertiary recovery. No cumulative figures were reported by the operator.

Tec Drilling has continued water injection into the Owl Creek project in Woodson County, and inert gas injection has been discontinued. The project has produced approximately 80,000 barrels of enhanced-recovery oil since initiation of the project in 1975.

The East Rose Unit Project in Rose East Field, Woodson County, operated by B.W. Klippel, has been inactive for the past few years but is expected to be in operation again in the near future.

PEN CONGL = Pennsylvanian conglomerate

PERM = Permian

PLEAS = Pleasanton

PLATT = Plattsmouth

PLI = Pleistocene

PROD = Produced

QRTZ = Quartz

QUAT = Quaternary

RECY = Recycled

REG = Reagan

SD = Sand

SH = Shallow fresh water

SH GRAV = Unnamed shallow gravel bed

SH LM = Shallow lime

SH SD = Unnamed shallow sand

SHAW = Shawnee

SIMP, SIM = Simpson

SNYDER = Snyderville

SQUIR, SQU, SQUI, SQ = Squirrel

ST GEN = Ste. Genevieve

ST L = St. Louis

STAL = Stalnaker

STAPEL = Stapelton

SWO = Swope

SWS = Unnamed salt-water sand

TRK = Tarkio

TER = Tertiary

TOP = Topeka

TOR = Toronto

TUCK, TUC = Tucker

U = Upper

VIO = Viola

WAT = Water

WAY = Wayside

WHT CLD = White Cloud

WTR = Water, source unknown

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EXPLANATORY ABBREVIATIONS

Type of Project

A = Air injection

D = Dump flood

F = Fire flood

P = Pressure maintenance

S = Steam flood

W = Controlled waterflood

Type of Water Injected

F = Fresh water

M = Mixture of fresh water and brine

T = Treated brine

U = Untreated brine

NR = NOT REPORTED

ABBREVIATIONS FOR OIL-PRODUCING ZONES AND SOURCES OF INJECTED WATER

ADM	= Admire	HER	= Hertha
ARB	= Arbuckle	HOW	= Howard
BARTL, BAR	= Bartlesville	HUNT, HUN	= Hunton
B PENN	= Basal Pennsylvanian	KC	= Kansas City
BURG	= Burgess	KIND, KINDER	= Kinderhook
CATTLE, CAT	= Cattleman	LANS, LAN	= Lansing
CEDH	= Cedar Hills	LCK	= Lansing-Kansas City
CHEN	= Cheney	LAY	= Layton
CHER, CHE, CH	= Cherokee	LM	= Lime
CHES	= Chesteran	L	= Lower
CHEY	= Cheyenne	LS	= Limestone
CONGL	= Conglomerate	MC	= McPherson
COT GR	= Cottage Grove	MAQ	= Maquoketa
CGR	= Council Grove	MARM	= Marmaton
DAK	= Dakota	MISE	= Misener
DOD	= Dodge	MISS, MIS	= Mississippian
DOL	= Dolomite	MORR, MOR	= Morrow
DOUG, DOU	= Douglas	NEOD	= Neodesha
EL DOR, ELD	= El Dorado	NEW ALB	= New Albany
ELGI	= Elgin	OGLA	= Ogallala
EQU	= Equus	ORE	= Oread
FR	= Fresh water	OSWE	= Oswego
GOR	= Gorham	PEN	= Pennsylvanian
GRAV	= Gravel		

TABLE 1

1980 ENHANCED OIL-RECOVERY PROJECTS

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
ALLEN COUNTY							
BRONSON-XENIA FIELD							
INEXCO OIL 21,28-25S21E	C-18622	ANDERSON & HUTTON & STOT	W	BARTL	700	10	30.0
INEXCO OIL 7,18-25S21E	C-13452	BOOTH-THOMPSON		BARTL	800	18	20.0
MACK C. COLT 33-24S21E 4,8,9-25S21E	C-9440	C-W	W	BARTL	800	20	26.0
MACK C. COLT 22,27,28,33,34-24S21E	C-3091	KBC-KBN	W	BARTL	750	20	30.0
CARLYLE FIELD							
NORTH SLOPE PROPERTI 31-23S19E	CR-1803	MCINTRE		BARTL	NR	NR	NR
CARLYLE NORTH FIELD							
JAMES E. RUSSELL 31-23S19E	CR-7797	EASTWOOD	W	BARTL	928	10	29.8
COLONY WEST FIELD							
MACK C. COLT 21,22,27-23S18E	C-15815	COLONY B SOUTH UNIT	W	SQUIR	850	25	32.0
DAVIS-BRONSON FIELD							
DEE EASTWOOD 15,21-24S21E	C-6851	DAWSON		BARTL	NR	NR	NR
DORWIN R. JACKSON 22-23S21E	C-13975	STEWART	W	BARTL	650	10	28.0
REESE EXPLORATION 04-24S21E	CR-4808	SAAT HOFF		TUCKER	NR	NR	NR
REESE EXPLORATION 28-23S21E	CR-8807	STEWART	W	BURGESS	800	7	24.0
ELSMORE FIELD							
DFW PETROLEUM 18-26S21E	CR-8804	D.R. NELSON	W	BARTL	750	10	30.0
KLI PETROLEUM 22-25S21E	C-18297	ELSMORE PROJECT	W	BARTL	700	12	30.0
ELSMORE SHOESTRING FIELD							
CORAL PETROLEUM 16,21-26S21E	C-17350	EAST ELSMORE	W	BARTL	700	12	31.0
DON DANIELS 3,10,15-26S21E	C-17800	LARSON	D	BARTL	667	20	30.0
ELSMORE WEST FIELD							
CORAL PETROLEUM 8,9,16-26S20E	C-17819	WEST ELSMORE	W	BARTL	720	19	31.0
INEXCO OIL 13,24-26S20E 18-26S21E	C-17691	ERICSON	W	BARTL	700	10	30.0
HUMBOLDT-CHANUTE FIELD							
CUNNINGHAM OIL 21-26S18E	CR-5803	GEFFERT		BARTL	800	6	31.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1975	M	PROD&FRESH	5	0	27.2	162	9	3	3.3	5.7	3.0	4.5		C-18622
1980	U	PROD	1	2	5.5	5.5	5	9	0.9	0.9	0	0		C-13452
1962	T	PROD & MISS	0	0	0	999	8	0	0.3	75.8	0.3	75.8		C-9440
1951	T	PROD & MISS	61	0	895	37447	76	0	14.0	3111	14.0	3111		C-3091
NR		NR	0	0	0	NR	31	0	18.6	NR	0	NR	1	CR-1803
1979	T	L-BARTL	11	0	7.0	72.3	17	1	20.7	78.2	20.7	20.7		CR-7797
1971	T	SH LM	18	0	325	1729	31	1	26.6	177	26.6	177		C-15815
NR	U	PROD	7	0	63.0	NR	8	0	1.5	NR	0	NR		C-6851
1968	T	PROD	9	4	66.7	NR	24	4	3.9	NR	NR	NR		C-13975
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	2	CR-4808
1980	M	PROD	1	0	9.0	9.0	17	0	4.8	4.8	0.8	0.8		CR-8807
1981	U	MISS	0	1	0	0	0	31	0	0	0	0	3	CR-8804
1973	M	PROD & FR	3	0	22.0	NR	7	0	0.4	NR	NR	NR		C-18297
1974	T	PROD & MISS	84	32	938	3035	94	20	42.6	167	25.5	99.9		C-17350
1950	U	PROD	2	2	3.0	NR	5	1	2.9	NR	0	0		C-17800
1974	T	PROD & MISS	18	0	207	1676	33	1	5.4	62.0	33.3	37.2		C-17819
1974	T	MISS	30	15	171	483	56	8	24.5	69.1	14.7	50.4		C-17691
1980	U	PROD	1	0	4	4	20	10	10.1	11.3	NR	NR		CR-5803

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
ALLEN COUNTY							
HUMBOLDT-CHANUTE FIELD							
JONES & CAMPBELL 9-26S18E	C-8170	MONARCH	W	BARTL	800	10	32.0
JONES & CAMPBELL 19,24-26S18E	C-3802	WOLFE-TEBAY UNIT	W	BARTL	820	18	28.0
KLOTZ & EVANS 28-25S18E	CR-5775	LEITZBACH	W	BARTL	NR	NR	NR
LAYTON OIL 1,12,13-26S18E 6,7-26S19E	C-8647	PROJECT 503	W	BARTL	820	10	32.0
MARKAN OIL 19,20,29-26S20E	CR-9787	JORDAN	W	TUCKER	900	43	23.0
NEOSHO OIL & GAS 22-26S18E	CR-7793	CANNON	W	BARTL	850	20	32.0
P & H OIL 17,20,29,30,32-26S18E	C-3183	PETROLIA FLD	W	BARTL	800	20	28.0
P & H OIL 4,5,7,8-26S18E	C-2698	HUMBOLDT FLD UT	W	BARTL	785	20	28.0
P & H OIL 20,29-26S18E	C-596	CAMBELL ETAL	W	BARTL	800	20	28.0
P & H OIL 16,17,18,19-26S18E	C-3435	MATSON GROUP	W	BARTL	790	20	28.0
RANCH OIL & GAS 25,26-26S18E	C-3617	HOEPKER, KROUSE		BARTL	NR	NR	NR
RANCH OIL & GAS 31-26S19E	C-10579	TOWNSEND		BARTL	NR	NR	NR
RENFLOW OIL 28,29,32-26S20E	C-18163	BECKER	W	BARTL	850	14	23.0
ROY WILLIS 25-26S18E	C-5716	YOUNT		BARTL	NR	NR	NR
TEXACO 22,23,26,27-26S18E	C-1858	HENDRICHS BLOCK	W	BARTL	725	20	29.1
WELLS-BATTELSTEIN 03-27S18E 34-26S18E	C-4444	SEE FELDT	W	BARTL	NR	NR	NR
WIMSETT & THOMPSON 9-26S18E	C-9014	PERRENOUD	P	BARTL	800	8	30.0
WIMSETT PRODUCTION 18-26S20E 13-26S19E	C-16718	C. JOHNSON	W	BARTL	725	10	32.0
IOLA FIELD							
BECKETT OIL 36-24S17W	C-13992	MILLER,LING,TESTS ETAL	W	SQUIR	813	12	28.0
LAYTON OIL 3-24S18E	C-8717	CROSS	S	BARTL	860	50	8.0
LAYTON OIL 10,11-24S18E	C-9089	CARLYLE THERMO UNIT	F	BARTL	980	20	NR
LUCKY STRIKE OIL 21,28-24S18E	C-6633	BLISS-ROGERS	W	SQUIR	660	25	32.0
ROYAL OIL & GAS 9-24S18E	C-3246	HOBBS	D	BARTL	950	150	20.0
TECH AM RESOURCES 22-25S19E	C-14357	H.P. MORRISON UNIT	W	BARTL	861	35	23.7
TECH AM RESOURCES 21,22-25S19E	C-14897	JARRED & SETTER "B"	W	BARTL	800	25	23.5
TECH AM RESOURCES 14-25S19E	C-7469	SCOTT & SALLEE	W	BARTL	808	35	19.8
TECH AM RESOURCES 15-25S19E	C-14322	MALONEY & ROSE	W	BARTL	820	35	20.2

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
NR	T	PROD & OSWE	3	0	3.2	NR	3	0	1.0	NR	1.0	NR		C-8170
NR	T	PROD & OSWE	1	0	1.5	NR	1	0	0.2	NR	0.2	NR		C-3802
NR		NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	4	CR-5775
1970	T	PROD & MISS	21	0	0	3042	27	0	7.2	198	7.2	198		C-8647
1978	M	PROD & MISS	35	7	560	1185	50	8	53.8	130	40.9	43.9		CR-9787
1978	T	MISS	3	0	27.4	55.0	4	0	0.6	1.2	NR	NR		CR-7793
NR	M	PROD&FR	62	0	85.0	NR	76	0	1.8	NR	1.8	NR		C-3183
NR	M	PROD&FR	61	0	46.0	NR	73	0	3.1	NR	3.1	NR		C-2698
NR	M	PROD&FR	64	0	96.0	NR	71	3	4.8	NR	4.8	NR		C-596
NR	M	PROD&FR	75	0	83.5	NR	66	0	2.6	NR	2.6	NR		C-3435
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	5	C-3617 C-5717
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	6	C-10579
1976	T	PROD	26	4	275	1371	42	5	19.5	78.0	10.0	40.0		C-18163
NR			NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	7	C-5716
1974	M	PROD & ARB	11	0	82.1	571	33	0	3.0	24.1	3.0	24.1		C-1858
NR	U	MISS+ARB	8	8	0	NR	11	7	0.3	NR	0	0	8	C-4444
1960	M	PROD+FR	3	0	36.5	NR	8	0	2.9	NR	2.9	NR		C-9014
1972	M	PROD & KC	12	0	3.0	35.6	26	0	7.5	94.7	3.8	NR		C-16718
1968	U	PROD	1	0	14.1	164	15	8	2.6	16.2	0.5	4.4		C-13992
1974	M	PROD & FR	0	0	0	31.3	NR	NR	0.9	5.0	0.9	5.0		C-8717
1963		NR	0	0	0	1145	9	0	2.8	4.1	2.8	4.1		C-9089 C-9017
NR	U	PROD	0	0	0	NR	0	0	1.9	NR	0	0		C-6633
1954	U	PROD	2	0	100	864	28	5	16.7	509	0	0		C-3246
1968	M	PROD & KC	6	0	57.1	1400	12	0	12.6	193	12.6	126		C-14357
1969	M	PROD & KC	3	0	37.4	736	6	0	7.1	107	7.1	73.2		C-14897
1968	U	PROD	1	0	1.7	88.6	15	0	2.6	134	0	0		C-7469
1968	M	PROD & KC	3	0	17.2	517	6	0	4.7	147	4.7	105		C-14322

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
ALLEN COUNTY							
IOLA FIELD							
TECH AM RESOURCES 23-25S19E	C-16534	A.W. WADE	W	BARTL	845	24	22.4
LEANNA AREA FIELD							
NEOSHO OIL & GAS 23-26S19E	CR-8791	ROBERTS UNIT	W	SQUIR	700	20	32.0
MORAN FIELD							
ENSMINGER OIL 1,12-25S19E 5,6,7,8-25S20E	C-18507	IOLA FIRE FLOOD	W	BARTL	820	25	19.0
INEXCO OIL 33,34,35-24S20E 2-25S20E	C-14856	MORAN	W	BARTL	810	10	22.0
MACK C. COLT 32,35-24S20E	C-9952	MORAN GROUP	W	BARTL	800	15	22.0
MARVIN E. BOYER OIL 23,24-25S19E	C-10334	LAHARPE, UNIT #2	W	SQUIR	860	10	24.6
NEOSHO FALLS-LEROY FIELD							
DONNA LEE 26-23S17E	C-13321	HOLTZ-MENTZER	W	MISS	1165	12	33.0
SAVONBURG FIELD							
HUSOMA INC 20-26S21E	C-13563	NELSON-SCHOBER VENTRON		BARTL	NR	NR	NR
HUSOMA INC 20-26S21E	C-13657	O.S. JACKSON		BARTL	NR	NR	NR
KLI PETROLEUM 21,28,29-26S21E	C-11361	SAVONBURG	W	BARTL	690	13	30.0
WALTER DUCAN OIL 32-26S21E	C-11082	WALQUIST	W	BARTL	670	30	32.5
SEIBERT FIELD							
JAMES E. RUSSELL 15-26S20E	CR-8781	CARLSON	W	BARTL	700	13	31.0
ALLEN-ANDERSON COUNTIES							
COLONY WEST FIELD							
MACK C. COLT 3,8,9,15,16,34-23S18E	C-4401	COLONY WEST	W	SQUIR	850	15	32.0
ALLEN-BOURBON COUNTIES							
DAVIS-BRONSON FIELD							
MACK C. COLT 34-23S21E 2,3,10,11,15-24S21E	C-153	MCINTYRE TRAVIS	W	BARTL	700	30	28.5

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1972	M	PROD & KC	2	0	18.1	289	2	0	0.7	18.0	0.7	6.3		C-16534
1979	T	ARB	31	10	78.0	78.0	52	25	32.3	32.3	NR	NR		CR-8791
1976	U	PROD	9	2	41.0	85.8	40	8	8.4	23.6	8.4	23.6		C-18507
1958	T	MISS	146	0	390	5607	177	0	48.4	1136	43.6	936		C-14856
1955	T	PROD & MISS	10	4	84.8	1723	24	9	5.7	100	5.7	100		C-9952
1963	T	PROD & MISS	39	0	211	NR	68	5	28.1	NR	NR	NR		C-10334
NR	U	PROD	1	0	4.3	NR	1	0	1.8	NR	0	0	9	C-13321
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	10	C-13563
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	11	C-13657
NR	T	PROD & ARB	6	3	9.5	NR	45	8	22.8	NR	NR	NR		C-11361
1964	T	PROD & MISS	5	0	23.4	2041	3	0	1.4	143	1.4	143		C-11082
1979	T	MISS	5	0	88.6	113	9	2	3.7	5.6	3.0	3.0		CR-8781
1955	T	PROD & MISS	6	0	4.0	7301	42	12	8.8	1351	8.8	1351		C-4401
1952	T	PROD & MISS	0	0	0	8327	16	0	0.6	NR	0	457		C-153

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
ALLEN-NEOSHO COUNTIES							
HUMBOLDT-CHANUTE FIELD							
SPECIFIC SYSTEMS 1-27S18E 31,36-26S18E	C-11183	MFA PROJECT		BARTL	NR	NR	NR
TEXACO 4-27S18E 32,33-26S18E	C-4919	K. T. BLOCK	W	BARTL	730	20	32.5
ANDERSON COUNTY							
BUSH CITY SHOESTRING FIELD							
C.K. OIL 8,9,16,17-21S20E	C-18135	CK OIL CO	P	SQUIR	800	40	36.0
DISCOVERY OIL & GAS 12,13-21S20E	C-3151	REED GROUP	W	SQUIR	620	30	37.0
DISCOVERY OIL & GAS 17-21S21E	C-3177	C&L GROUP	W	SQUIR	620	25	37.0
GULF 28,33-20S21E 4-21S21E	C-5985	DENGO WF	W	SQUIR	614	5	36.0
LADD PETROLEUM 7,8,15,16-21S20E	C-3098	EAST & WEST OKO	W	SQUIR	800	30	36.0
COLONY WEST FIELD							
JAMES E. RUSSELL 36-22S17E 31-22S18E	C-8945	COLONY WEST	W	SQUIR	850	18	30.0
JAMES E. RUSSELL PET 25-22S17E	C-10327	CHAS M. HILL	W	SQUIR	885	15	27.0
COLONY-WELDA FIELD							
BRECHEISEN OIL 2-22S19E	C-9179	BUCHANAN-SETTLE	W	SQUIR	820	20	35.0
BRECHEISEN OIL 34,35-21S19E	C-6421	SIMMERS AND CAMERON	W	SQUIR	820	25	35.0
BRECHEISEN OIL 35-21S19E	C-6436	BRECHEISEN-ROCKY ROOST	W	SQUIR	820	20	34.0
BRECHEISEN OIL 22,27,35-21S19E	C-11406	KATTENHORN-KELLSTADT	W	SQUIR	825	24	35.0
JAMES E. RUSSELL 2,3-22S19E	C-5363	UNIT 3	W	SQUIR	800	19	36.0
JAMES E. RUSSELL 3,4,9,10,15-23S19E	CR-5772	BURKE ET AL	W	SQUIR	700	11	30.0
JAMES E. RUSSELL 21,22,27,28,29-22S19E 32,33-22S19E	C-11165	UNITS NOS 1 & 2	W	SQUIR	800	16	33.0
JAMES E. RUSSELL 4,9-22S19E	C-10781	STRAIN, MMARTIN	W	SQUIR	800	14	36.0
GARNETT SHOESTRING FIELD							
GLEN CALDWELL 32-20S20E	C-7361	GLENN CALDWELL		SQUIR	NR	NR	NR
PAUL W. SCHUSTER 11-20S20E	CR-8795	POSS		SQUIR	718	NR	NR

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		C-11183
1974	M	PROD & ARB	7	0	96.8	1294	65	0	5.1	41.1	5.1	41.1		C-4919
1975	U	PROD	2	0	14.0	35.2	25	4	10.2	76.1	NR	NR		C-18135
NR	U	PROD	259	0	64.0	NR	194	0	3.2	NR	3.2	NR		C-3151
NR	U	PROD	115	0	14.4	NR	116	0	0.7	NR	0.7	NR		C-3177
1944	T	PROD & ARB	113	0	331	12234	122	0	16.0	2239	16.0	2239		C-5985 C-1111 C-852
1951	T	PROD & ARB	104	0	427	21165	146	0	29.7	2127	29.7	2127		C-3098
1961	T	PROD & SWS	0	0	0	6827	9	0	2.4	523	0	512		C-8945
1963	T	HERTHA	0	0	0	87.6	0	0	0	2.5	0	0	12	C-10327
1962	M	PROD & KC	6	0	2.4	640	12	2	5.8	330	5.8	330		C-9179
1958	M	PROD & KC	20	4	125	1131	18	0	7.6	165	7.6	165		C-6421
1958	M	PROD & KC	4	0	36.5	420	6	0	1.2	16.7	0.6	49.0		C-6436
1959	M	PROD & FR	34	3	146	1590	72	6	28.5	1538	24.8	1254		C-11406
1957	T	PROD & MISS	41	0	149	2885	37	0	28.9	224	28.9	48.3		C-5363
1980	T	MISS	22	22	49.3	49.3	88	10	43.0	43.0	6.6	6.6		CR-5772
1948	T	PROD & MISS	0	0	0	8961	1	0	1.3	1645	0	530		C-11165
1964	T	PROD & OSWE	17	0	95.3	2174	18	0	5.2	194	5.2	11.0		C-10781
NR	N	NR	5	0	9.8	764	6	0	1.2	80.0	0	0	13	C-7361
NR	N	NR	1	0	NR	NR	14	0	NR	NR	NR	NR	14	CR-8795

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
ANDERSON COUNTY							
GARNETT WEST FIELD							
SHOMON GAS + OIL 26-20S19E	C-12120	WHITE ET AL	P	PERU	650	15	31.0
KINCAID FIELD							
RICHARD ENGINEERING 29,32-22S21E 4,5-23S21E	C-16816	KINCAID UNIT	W	BARTL	750	22	28.0
SELMA FIELD							
MACK C. COLT 9,10-22S21E	C-581	SELMA	P	BARTL	NR	NR	NR
*SEE ALSO ALLEN-ANDERSON							
BARBER COUNTY							
AMBER MILLS FIELD							
REED OIL 15,16-30S12W	C-13209	HOUSE & LAWRENZ	W	VIOLA	4500	8	38.0
BLOOM FIELD							
AM PETROFINA TEXAS 23-32S12W	C-5362	BLOOM	D	MISS	4321	17	33.0
HARDTNER FIELD							
OKMAR OIL 2,11,12-35S13W	C-18484	ACHENBACH	P	MISS	4900	30	22.0
HIGHWAY FIELD							
AYLWARD DRILLING 23-32S11W	C-6939	GILBERT	P	DOUG	3586	6	26.0
MEDICINE LODGE NORTH FIELD							
ROBERT R. PRICE 17,18,19,20-32S12W	C-14776	FORSYTH UNIT	W	MISS	4450	12	30.0
ROBERT R. PRICE 20-32S12W	C-16556	KIRKBRIDE	W	MISS	4450	15	30.0
MEDICINE LODGE-BOGGS FIELD							
GETTY OIL 17-33S12W	C-15010	BOGGS C	W	SIMP	4794	12	26.2
GULF 15-33S13W	CPM5771	HOLMES C	P	MISS	4858	10	38.0
TEXAS AM OIL 20,21-33S12W	C-17369	G.R. SMITH A	W	SIMP	4900	20	26.5
MOFFETT WEST FIELD							
TENNECO 8,9-30S15W	C-15203	L.M. LEE A & B	D	VIOLA	4646	30	34.6

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
NR	U	PROD	2	0	0.5	NR	7	0	0.1	NR	NR	NR	15	C-12120
NR	T	MISS	26	0	182	NR	90	0	39.3	NR	39.3	NR		C-16816
NR	U	PROD	0	0	0	985	3	0	0.1	264	0.1	264		C-581
1967	T	PROD	1	0	292	4057	3	0	2.7	144	2.7	144		C-13209
1957	U	PROD	1	0	3.9	251	1	0	7.3	179	3.1	43.9		C-5362
1977	U	PROD	1	0	411	989	8	1	7.2	53.4	0	0		C-18484
NR	U	PROD	1	0	9.0	487	2	0	2.1	85.2	2.1	NR		C-6939
1969	T	PROD & KC	3	0	270	3288	12	0	8.3	694	8.3	113		C-14776
1972	T	PROD & KC	1	0	38.0	624	1	0	0.4	5.9	0.4	2.7		C-16556
1969	U	PROD	4	0	691	4497	7	0	8.5	2944	8.5	138		C-15010
1977	U	PROD	1	0	0.6	3.7	1	0	2.7	68.3	2.7	68.3		CPM5771
1975	U	PROD	3	0	58.6	NR	6	0	20.5	NR	20.5	NR		C-17369
1969	T	PROD	1	0	21.9	278.9	2	0	1.9	99.9	1.9	1.9		C-15203

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
BARBER COUNTY							
RHODES FIELD							
BOWERS DRILLING 19,30-33S11W	C-15630	GILMORE-CHAPIN	D	MISS	4480	12	34.0
GULF 17-33S11W	C-10102	W. A. NEWKIRK	W	MISS	4450	NR	25.4
GULF 15,16,21,22-33S11W	C-10266	RHODES UNIT	W	MISS	4550	20	27.0
SALT FORK FIELD							
BRADEN-DEEM 11,12-35S15W	C-16259	DAVIS RANCH	P	MISS	4970	30	26.0
SKINNER FIELD							
ROBERT F. WHITE 17-31S17W	C-15863	SKINNER B	D	VIOLA	4400	30	40.0
BARTON COUNTY							
AMES FIELD							
ENERGY RESERVES 26-18S11W	C-15252	AMES UNIT	W	LKC	3150	30	31.8
KAISER-FRANCIS 15-18S11W	C-17142	DREWS	P	LANS	3036	189	NR
PIONEER OPERATIONS 22,23,26,27-18S11W	C-6929	ROBL UNIT	P	LKC	2925	155	40.0
ROBINOWITZ OIL 16-18S11W	C-17191	AMES FLOOD	W	KC	3040	20	39.5
AXMAN NE FIELD							
MURFIN DRILLING 18-17S14W	CR-4806	AXMAN	P	LKC	3525	14	35.0
BAILEY FIELD							
NCRA 30-18S11W	C-11512	BAILEY LKC UNIT	W	LANS	3278	16	42.5
BEAVER FIELD							
GAS PRODUCING ENTR 15-16S12W	C-16938	KRAMER	D	LKC	3051	181	39.0
KEENER OIL 8-16S12W	C-11244	FELTES	W	LANS	3050	8	38.0
PHILLIPS PETROLEUM 10-16S12W	C-14631	CHRISTIAN D	P	LKC	3060	12	39.0
BEND FIELD							
STEPCO OIL 11-20 13W	C-13092	WELSH	N	NR	NR	NR	NR
BERNARD FIELD							
GRAYBOL-PATTON 10-19S11W	C-15418	MUSENBERG UNIT	W	LANS	3192	8	40.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1971	U	PROD	1	0	21	405	3	0	8.4	201	2.0	23.6		C-15630
1963	U	PROD	1	0	0	9458	7	0	107	2893	0	NR		C-10102
1962	M	PROD & FR	13	0	2306	76967	24	0	95.9	2649	95.5	2649		C-10266
1971	U	PROD	1	0	48.0	322	4	0	3.1	233	0.6	4.3		C-16259
1974	U	PROD	1	0	8.0	133	1	0	3.8	540	0	0		C-15863
1971	U	CEOH	3	0	141	1883	8	0	11.6	757	0	0		C-15252
1974	T	PROD	1	0	155	1708	4	0	5.8	NR	0	0		C-17142
1971	U	PROD & PERM	2	0	151	160	6	0	4.2	14.2	NR	NR		C-6929
1974	U	PROD	1	0	44.7	NR	3	0	2.8	33.8	0.6	1.5		C-17191
1980	T	PROD	1	0	32.0	32.0	4	1	4.0	60.5	NR	NR		CR-4806
1972	M	PROD & FR	3	0	102	688	5	0	17.8	161	12.3	76.1		C-11512
1973	U	PROD	1	0	170	1367	2	0	42.5	396	4.2	342		C-16938
NR	T	PROD	1	0	238	NR	2	0	3.0	NR	3.0	NR		C-11244
1968	U	PROD	1	0	36.4	191	1	0	0.7	83.5	0.7	NR		C-14631
NR	N	NR	1	0	NR	NR	0	0	NR	NR	NR	NR	16	C-13092
1970	M	PROD & FR	1	0	76.6	1252	5	0	3.6	149	3.6	149		C-15418

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
BARTON COUNTY							
BIRZER WEST FIELD							
TGT PETR 21,22,28-17S12W	CR77711	KOESTER	P	ARB	3453	9	38.0
BLOOMER FIELD							
STEPCO OIL 36-17S11W	C-8475	J. B. BLOOMER		LKC	3053	18	32.0
BOGER FIELD							
L.G. STEPHENSON 27-17S13W	CR-1781	OEMEL	P	LANS	3200	3	38.5
BOTTOMS FIELD							
HILLENBURG OIL 35,36-18S12W	C-8376	ZINK A	D	LKC	3130	10	39.0
BOYD FIELD							
ENERGY RESERVES 4-18S14W	C-15841	FRIEB	W	LKC	3230	20	38.6
OIL PROPERTY MGT 8-18S13W	CR10804	RIEDEL	P	ARB	3319	NR	32.0
CARROLL FIELD							
EVERETT SWANDER 28-17S14W	C-7810	MEITNER A	P	LKC	3100	6	38.7
CARROLL NORTH FIELD							
PHILLIPS PETROLEUM 8-17S14W	C-17564	BORCHERS A	P	LANS	3400	NR	NR
CHAFFEE FIELD							
CHAPMAN EXPL 31-19S13W	C-14333	PANNING-RUSSELL-GRUNWALD	W	LKC	3252	6	36.0
FOUR-WAY OPERATING 36-19S14W	C-14048	VAUGHAN-RUSSELL	W	LANS	3187	235	34.0
CHASE-SILICA FIELD							
OKMAR OIL 25-19S11W	C-11715	BURMEISTER	W	LKC	3080	7	34.0
CHEYENNE FIELD							
NCRA 4-19S12W	C-16052	MILLER A	D	LANS	3100	15	40.0
NCRA 4-19S12W	C-15218	LUCAS	W	LKC	3104	15	44.0
CHEYENNE VIEW FIELD							
ALADDIN PETROLEUM 12-19S12W	C-5561	RINKER B	P	KC	3060	30	40.0
ALADDIN PETROLEUM 14-19S12W	CR10775	SCHARTZ	P	KC	3050	30	40.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1977	U	PROD	1	0	38.2	NR	1	0	1.7	NR	0	NR		CR77711
NR	T	PROD	1	0	11.0	NR	2	1	0	0	2.6	NR		C-8475
1978	U	PROD	1	0	22.6	88.7	1	0	2.5	27.5	1.0	3.0		CR-1781
1961	U	PROD	1	0	50.0	NR	2	0	1.7	NR	0	NR		C-8376
1971	U	PROD	0	0	0	1231	4	0	6.3	1013	0	0	17	C-15841
1981	U	PROD	0	0	0	0	4	0	2.2	NR	0	0	18	CR10804
1960	T	PROD	0	0	15.9	NR	3	0	4.7	NR	0	NR		C-7810
1974	U	PROD	1	0	17.7	339	1	0	0.4	150	0	0		C-17564
1968	M	PROD & FR	2	0	40.8	494	2	0	2.5	211	2.5	65.7		C-14333
1971	U	PROD	1	0	11.1	38.4	3	0	0.6	67.1	0.6	10.8		C-14048
1966	T	PROD & ARB	1	0	96.7	1290	2	0	1.7	243	1.7	16.3		C-11715
1972	T	PROD	1	0	41.7	294	1	0	3.8	31.1	2.5	11.9		C-16052
1969	T	PROD & GRAV	1	0	111	922	2	0	3.6	117	1.7	39.1		C-15218
1959	T	PROD	1	0	104	2481	2	0	2.8	359	2.8	NR		C-5561
1972	T	PROD	2	0	8.6	5186	3	0	3.7	69.3	3.7	NR		CR10775

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
BARTON COUNTY							
CHEYENNE VIEW FIELD							
ENERGY RESERVES 14-19S12W	C-17269	APEL	W	LKC	3140	150	38.6
ISERN-SCHULTZ OIL 23-19S12W	C-5387	LANTERMAN WF	W	KC	3142	35	40.0
SOHIO NAT RESOURCES 12-19S12W	C-3272	HEINZ A	W	LKC	3100	17	39.7
SOUTHERN STATES OIL 11,12-19S12W	C-7208	KULTGEN	P	LKC	3100	20	39.0
CLARENCE FIELD							
DERRICK-AMERICAN OIL 35,36-19S15W	CR-5774	BEAHM-EWING UNIT		LKC	3316	35	20.9
KRM PETR CORP 35-19S15W	C-12012	BUTTON	D	LKC	3246	4	25.3
DEWERFF FIELD							
FELL & WOLFE OIL 1,2-20S12W	C-17845	DEWERFF	W	ARB	3340	20	37.3
ELLINGWOOD NORTH FIELD							
AM PETROFINA TEXAS 28-19S11W	C-8476	SCHWAMBORN	W	LKC	3065	12	42.0
ERNA NORTHWEST FIELD							
SOUTHERN STATES OIL 24-18S15W	C-17067	NORDMAN	W	LKC	3300	10	40.0
ERNA SOUTHEAST FIELD							
CARL W. BOXBERGER 29-18S14W	C-8604	RUSSELL B	D	LKC	3258	60	39.0
FRANK FIELD							
RAYMOND OIL 7,8-19S12W	C-15942	HAMMEKE-NEELAND	W	LKC	3160	22	41.0
FT. ZARAH FIELD							
LADD PETROLEUM 30-19S12W	C-17199	HARRIS A	W	LKC	3128	70	43.0
W.L. HARTMAN 30-19S12W	C-11427	HARRIS	W	LKC	3139	60	40.0
W.L. HARTMAN 30,31-19S12W	C-17192	KOHLER	W	LKC	3118	240	38.0
GREAT BEND AIRPORT FIELD							
PETROLEUM MANAGEMENT 26-19S14W	C-5366	GREAT BEND AIRPORT	D	LKC	3188	240	37.0
HALL-GURNEY FIELD							
NCRA 32-15S12W 5,6-16S12W	C-14582	NW BEAVER UNIT	W	LAN&TOP	2835	15	NR

INJECTION DATA							PRODUCTION DATA						PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NO
1974	U	PROD	1	0	30.2	202	1	0	6.3	72.5	0	0	C-17269
1966	T	PROD	1	0	50	463	6	0	5	460	1	19	C-5387
1960	T	PROD	1	0	76.1	1893	1	0	0.7	86.7	0.7	82.7	C-3272
NR	T	PROD	3	0	346	4253	11	0	32.4	NR	32.4	NR	C-7208 C-3421
1977	U	PROD	2	0	259	778	2	0	5.4	16.2	2.7	8.1	CR-5774
1965	U	PROD	1	0	133	1151	1	0	0.5	187	0	0	C-12012
1975	U	PROD	1	0	34.5	NR	7	0	6.2	NR	NR	NR	C-17845
1966	U	PROD	2	0	112	4039	3	0	2.7	78.9	2.7	78.9	C-8476
1973	U	PROD	2	0	19.2	870	6	0	7.0	122	7.0	122	C-17067
1961	U	PROD	1	0	80.3	801.7	2	0	1.4	168	1.4	19.8	C-8604
1971	U	PROD & DAK	2	0	50.2	1047	2	0	2.1	50.0	0	0	C-15942
1974	T	PROD	1	0	0	0	1	0	0.3	175	0	0	C-17199
1964	M	WAT SD	1	0	5.0	335	2	0	1.4	46.0	0.5	23.5	C-11427
1974	T	PROD	1	0	151	1435	4	0	3.0	23.2	1.0	3.7	C-17192
1957		PROD	1	0	64.1	1704	0	0	1.6	65.4	1.6	65.4	C-5366
1968	T	PROD	7	0	884	10088	16	0	28.8	669	13.7	339	C-14582

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
BARTON COUNTY							
HAMMEKE WEST FIELD							
NADEL & GUSSMAN 18-19S11W	C-8335	HAMMEKE		LKC	3142	10	38.0
HAMMER FIELD							
LADD PETROLEUM 35,36-16S12W	C-9812	HAMMER WF	W	LKC	3100	220	38.0
HEIZER SOUTHWEST FIELD							
FOUR-WAY OPERATING 28,29-19S14W	C-6983	HALL	W	LANS	3198	236	35.0
HISS FIELD							
BARUCH FOSTER 30-20S13W	C-12894	MCGREEVEY	W	LANS	3290	20	38.0
BROUGHER OIL 29-20S13W	C-5970	MURPHY	D	LKC	3150	225	36.5
W.BROWN & G.E. ROGER 30-20S13W	C-13421	MCGREEVY	W	LKC	3214	40	32.0
HOISINGTON FIELD							
ALADDIN PETROLEUM 21-17S13W	C-5560	SODERSTRON		KC	NR	NR	NR
KIMPLER FIELD							
ICER ADDIS 31-18S11W	C-13046	KIMPLER WF	W	LKC	3150	5	41.0
KNOP FIELD							
ENERGY RESERVES 9-19S12W	C-16524	KNOP WFS	W	LKC	3130	20	39.6
KRAFT-PRUSA FIELD							
FOUR-WAY OPERATING 17-16S11W	C-11520	NEY	W	LANS	3006	304	33.0
GAS PRODUCING ENTR 29-16S11W	C-9560	ESFELD	D	DOUG	2960	15	36.0
GETTY OIL 30-16S11W	C-13453	E.F. ESFELD	W	DOU&LAN	2965	15	40.0
GULF 29-16S11W	C-12275	JOSEPH	W	DOUG	2995	NR	40.1
HAZEN OIL 22-16S12W	C-11293	MORGAN "B"		LANS	NR	NR	NR
NCRA 24-16S12W	C-9163	DOLECHEK ESTATE	W	GOR	3339	20	42.1
PETROLEUM MANAGEMENT 30-16S11W	C-16846	OESER	D	LKC	3057	NR	38.0
ROBINOWITZ OIL 31-16S11W	C-15222	ZORN	W	DOUG	NR	NR	39.7
SAMSON RESOURCES 36-16S11W	C-12991	KRIER	W	DOUG	2980	8	36.0
TENNECO 22-16S12W	C-15196	JOHN RIEMANN "B"		LKC	NR	NR	NR
LANTERMAN FIELD							
LARIO OIL & GAS 15-19S11W	C-13853	REHME	P	LKC	3050	2	37.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1961		NR	0	0	0	485	2	0	1.7	NR	NR	NR	19	C-8335
1963	F	FR	0	0	0	3836	13	1	27.5	337	0	0		C-9812
1959	U	PROD	1	0	40.2	633	1	0	0.8	113	0.8	28.1		C-6983
1966	U	PROD	1	0	12.7	125	3	0	3.1	224	0.3	1.4		C-12894
NR	T	PROD	1	0	45.2	NR	2	0	1.5	NR	NR	NR		C-5970
1971	U	PROD	1	0	104	1007	2	0	1.3	21.0	0	0		C-13421
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	20	C-5560
1961	T	PROD	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	21	C-13046
1971	U	PROD & DAK	1	0	207	1928	2	0	5.2	642	0	0		C-16524
1965	U	PROD & ARB	1	0	18.2	316	1	0	1.1	182	1.1	19.6		C-11520
1963	U	PROD	1	0	0	1065	4	0	3784	1292	0	266		C-9560
1967	T	PROD	1	0	194	3161	3	0	5.3	642	5.3	149		C-13453
1966	U	PROD	1	0	195	2771	9	0	8.1	272	8.1	272		C-12275
NR	U	PROD	1	0	170	1600	3	0	2.5	23.6	2.5	23.6		C-11293
1962	M	PROD	1	0	88.0	1994	3	0	4.6	194	0	91.1		C-9163
1972	T	LKC&QUAT	2	0	257	719	12	0	28.6	1184	23.8	1115		C-16846
NR	U	PROD	1	0	53.3	NR	4	0	2.6	433	NR	NR		C-15222
1966	T	PROD	1	0	159	2684	5	0	5.0	823	4.2	100		C-12991
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	22	C-15196
1967	U	PROD	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	23	C-13853

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
BARTON COUNTY							
MARY A FIELD							
MURFIN DRILLING 23-17S15W	C-14882	MARY AXMAN	W	LKC	3414	14	40.0
MATER FIELD							
MURFIN DRILLING 11-17S15W	C-17144	MATER WF	W	LKC	3142	20	37.0
NEY SOUTHWEST FIELD							
BLG OIL 2-16S13W	C-11059	RUDE	D	LANS	3100	5	38.0
NUSS SOUTH FIELD							
L.G. STEPHENSON 3,4-16S14W	CR-5773	POPP	P	LANS	3181	5	39.9
PRAIRIE VIEW FIELD							
SOUTHERN STATES OIL 20-19S11W	C-13049	JOHN SCHARTZ WF	W	LKC	3200	150	38.0
TEXACO 20-19S11W	C-4418	SCHARTZ B	W	LKC	NR	NR	NR
PRITCHARD FIELD							
PHILLIPS PETROLEUM 36-20S14W	C-7104	WEST HISS LKCU	W	LKC	3350	50	40.0
TEXACO 34,35-20S14W	C-18207	PRITCHARD UNIT	W	LANS	3450	40	33.6
PUTMAN WEST FIELD							
MURFIN DRILLING 12-17S14W	C-17155	WILLIAMS WF	W	LKC	3214	30	36.0
ROESLER FIELD							
FOUR QUEENS PETROLEU 12-18S11W	CR-7791	J. MILLER	P	ARB	3282	NR	NR
NADEL & GUSSMAN 15-18S11W	C-13249	BIEBERLE	W	KC	3025	10	45.0
ROESLER WEST FIELD							
ENERGY RESERVES 15-18S11W	C-16593	KAISER WFS	W	LKC	3025	225	42.3
ROLLING GREEN EAST FIELD							
PAULINE BYARS OIL 31-20S12W	CR-2789	TAMMEN	W	LKC	3221	168	37.0
SOUTHERN STATES OIL 25-20S13W	C-15193	LONNON B	P	LKC	3258	32	37.0
SANDROCK FIELD							
GULF 27,34-20S13W	C-12586	ENGLEMAN-MCDONALD	W	KC	3261	54	30.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1969	T	PROD	1	0	61.4	1378	2	0	2.7	57.3	NR	NR		C-14882
1974	T	PROD	2	0	84.5	1003	4	0	2.8	312	0	0		C-17144
1964	U	PROD	1	0	7.3	308	1	0	0.7	16.6	0.7	16.6		C-11059
1977	U	PROD	1	0	5.8	27.6	1	0	1.3	8.4	0	0		CR-5773
1956	M	PROD & FR	1	0	277	2835	5	0	5.6	72.5	5.6	72.5		C-13049
NR	T	PROD	0	0	0	0	1	0	1.7	6.0	0	0	24	C-4418
1959	M	PROD & FR	2	0	451	7945	4	0	6.0	1165	3.5	NR		C-7104
1976	M	PROD & FR	5	0	493	2617	4	1	27.1	140	22.5	107		C-18207
1973	M	PROD & DAK	1	0	143	856	3	0	3.0	73.0	0	0		C-17155
NR	U	PROD	NR	NR	NR	NR	NR	NR	773	NR	NR	NR		CR-7791
1967	F	SH FR	1	0	4.4	278	2	0	2.7	NR	1.8	NR		C-13249
1972	U	PROD & DAK	2	0	175	2053	5	0	5.2	380	0	0		C-16593
1978	U	PROD & ARB	1	0	5.5	20.2	1	0	1.7	100	1.7	5.8		CR-2789
1969	T	PROD	1	0	11.0	144	3	0	3.4	46.4	3.4	46.4		C-15193
1966	U	PROD	3	0	125	1920	2	0	2.6	298	2.6	298		C-12586

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
BARTON COUNTY							
SANDROCK FIELD							
MULTISTATE OIL PROP. 27,28-20S13W	C-9838	SANDROCK UNIT	P	LKC	3400	20	30.0
PHILLIPS PETROLEUM 28-20S13W	C-13215	PURSEL	W	LKC	3300	15	30.0
SCHENK FIELD							
ENERGY RESERVES 29-17S14W	C-18613	SCHENK WF	W	LKC	3149	214	36.5
ST. PETER FIELD							
SHELLEY OIL 32,33-18S11W 5-19S11W	C-11630	ROBL UNIT	D	LANS	2912	216	37.0
TEXACO 32-18S11W	C-11909	ST.PETER UNIT	W	LANS&PL	2900	NR	42.0
ST. PETER EAST FIELD							
NADEL & GUSSMAN 34-18S11W	C-12861	JOHANNING	W	KC	3060	10	40.0
NADEL & GUSSMAN 3,4-19S11W	C-14055	BIRZER	W	LKC	3100	50	41.0
SUNNY VALLEY FIELD							
CARL W. BOXBERGER 18-20S12W	C-18106	BATCHMAN	D	LKC	3177	10	36.0
TRAPP FIELD							
EARL ALLEN 32-16S13W	C-12144	FJ SCHREIBER	P	KC	3100	40	36.0
GAS PRODUCING ENTR 24-16S14W	C-16089	SIEMSEN	D	LKC	3217	14	35.0
JOHN S. MARTIN 15-17S13W	C-14759	OLTAMANNS	D	LANS	3230	4	38.5
KAISER-FRANCIS 19-16S13W	CR-9797	SUSANK		ARB	NR	NR	NR
PETROLEUM INC 13,14-16S14W	C-16882	TRAPP UNIT	W	LKC	3130	27	35.8
SAMSON RESOURCES 02-16S14W	C-11517	SCHNEIDER "C" WF	W	LANS	3082	NR	37.0
SIERRA PETROLEUM 22-16S13W	C-16787	WILBORN LKC UNIT	W	LKC&TOP	3121	64	39.0
THORNTON E. ANDERSON 26-16S13W	C-18247	PUTNAM	W	LKC	3123	145	36.0
TWO-EIGHTY ONE FIELD							
CITCO 17-16S14W	C-15821	EVELEIGH "C"	D	LKC	3188	12	37.6
WORKMAN FIELD							
GULF 14-20S12W	C-11972	BUCKBEE	W	ARB	3373	28	39.0
WORKMAN NORTH FIELD							
PETROLEUM INC 16-20S12W	C-15842	HULME G-I	P	LKC	3160	52	40.4

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1962	T	PROD	1	0	223	NR	5	1	5.3	NR	5.3	NR		C-9838
1967	M	PROD & SHFR	2	0	150	2739	3	0	2.3	384	0.7	NR		C-13215 C-6478
1977	U	PROD & ARB	0	0	0	0	3	0	1.7	19.4	0	0	25	C-18613
1965	T	PROD	1	0	13.7	2103	7	0	12.3	0	11.2	366		C-11630
1962	U	PROD	4	0	131	4885	6	0	5.3	385	5.3	232		C-11909
1966	M	PROD & SH	3	0	173	1855	5	0	7.4	NR	7.4	NR		C-12861
1968	M	PROD & SHFR	2	0	65.3	1669	2	0	1.0	NR	1.0	NR		C-14055
1976	M	PROD & FR	1	0	87.6	376	1	0	1.0	33.7	1.0	6.7		C-18106
1965	U	PROD	1	0	164	NR	NR	0	7.2	NR	0.5	NR		C-12144
1971	U	PROD	1	0	137	1698	2	0	34.3	450	3.1	425		C-16089
NR	T	PROD	1	0	81.5	NR	2	0	5.0	NR	5.0	NR		C-14759
NR	N	NR	1	0	36.5	36.5	2	1	19.5	19.5	0	0		CR-9797
1973	T	PROD & CEDH	1	0	18.0	175	2	0	3.3	212	3.3	32.5		C-16882
1965	U	PROD	1	0	18.2	463	4	0	5.1	929	0.8	12.2		C-11517
1972	M	PROD & DAK	1	0	165	394	5	0	3.0	NR	NR	NR		C-16787
1976	U	PROD	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	26	C-18247
1970	U	PROD	1	0	18.9	222	1	0	5.6	299	5.6	5.6		C-15821
1965	U	PROD	1	0	2.6	95.7	1	0	1.0	53.3	1.0	53.3		C-11972
1971	T	PROD	1	0	78.1	846	3	0	9.1	612	9.1	127		C-15842

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
BARTON COUNTY							
WORKMAN NORTHWEST FIELD							
MURFIN DRILLING 15-20S12W	C-17247	BUCKBEE-HULME	P	ARB	3370	51	38.0
TEXACO 15-20S12W	CR-3801	L. BUCKBEE B	W	ARB	3368	50	38.5
BARTON-RICE COUNTIES							
MARY IDA FIELD							
SOHIO NAT RESOURCES 31-18S10W 36-18S11W	C-9151	MARY IDA UNIT	W	LKC	3100	21	39.6
BARTON-STAFFORD COUNTIES							
BART-STAFF FIELD							
NCRA 33-20S14W 5-21S14W	C-10131	DORFSHAFFER-MCGREEVY	W	LANS	3330	15	30.5
SHAEFFER NORTHEAST FIELD							
GULF 35-20S13W 3-21S13W	C-13810	SHARP A & B	W	KC&ARB	3517	206	34.0
BOURBON COUNTY							
BRONSON-XENIA FIELD							
DEE EASTWOOD 1-25S21E	C-17329	BRONSON		BARTL	NR	NR	NR
HILLENBURG OIL 7,17,18-24S22E	CR-4785	ERMEL-MCCALL	W	BARTL	650	14	31.0
HILLENBURG OIL 31,36-24S22E	C-17316	WOODWARD B	W	BARTL	660	10	28.0
HILLENBURG OIL 12,13-25S21E	C-12914	WOODWARD A	W	BARTL	661	18	31.0
HILLENBURG OIL 36-24S21E	C-14503	HUMPHREY	W	BARTL	661	18	30.0
HILLENBURG OIL 6-24S22E	CR10781	FOOSE	W	BARTL	650	12	25.0
T.E. BIRD 25-24S21E	C-14355	COLLINS UNIT	W	CATTLE	610	16	32.0
FEAGINS FIELD							
MID CON ENERGY 6-24S23E	C-17434	FEAGINS	W	SQUIR	160	13	30.5
HEPLER FIELD							
JIM'S WATER SERV 24-27S21E	CR-4809	HEPLER WF	W	TUCKER	630	10	26.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1974	T	PROD	1	0	70.4	299	6	0	6.7	269	NR	NR		C-17247
1980	U	PROD	1	0	2.9	2.9	1	0	1.4	109	0	0		CR-3801
1962	M	PROD & FR	8	0	548	11411	8	0	25.1	1108	25.1	944		C-9151
1963	T	PROD	2	0	140	3495	5	0	8.0	401	1.9	234		C-10131
1967	U	PROD	1	0	27.6	977	5	0	4.4	329	4.4	329		C-13810
NR	U	PROD	10	0	91.0	NR	16	0	5.5	NR	0	0		C-17329
NR	T	PROD&MISS	3	1	72.8	165	9	0	7.1	12.5	3.3	6.6		CR-4785
1978	T	MISS	3	2	27.4	38.3	5	3	4.9	7.3	1.2	1.4		C-17316
1966	T	MISS	14	0	511	NR	22	0	11.3	NR	9.0	NR		C-12914
1966	T	MISS	10	0	365	NR	38	14	22.2	NR	17.8	NR		C-14503
1978	T	PROD & MISS	5	0	45.6	73.0	7	0	4.0	8.3	3.2	5.4		CR10781
1968		NR	0	0	0	923	8	2	1.5	80.3	NR	NR	27	C-14355 C-14061
1954	M	FR	17	0	4.4	13.4	18	0	4.5	19.5	1.0	4.0		C-17434
1980	F	PROD&MISS	14	4	38.4	38.4	25	0	4.3	4.3	1.0	1.0		CR-4809

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
BOURBON COUNTY							
HEPLER FIELD							
WALTER DUCAN OIL 24-27S21E 19-27S22E	C-8780	HEPLER	W	BAR&TUC	675	29	26.0
BUTLER COUNTY							
AUGUSTA FIELD							
CITCO 35-27S 4E	C-9719	SKAER-STARKEY	W	KC	2030	5	36.0
CITCO 2-28S 4E	C-17901	AUGUSTA UNIT SIMPSON	W	SIMP	2568	11	UNK
CITCO 2,10,11,14,15-28S 4E	C-10415	AUGUSTA UNIT	W	KC	2050	6	36.0
F. GAINES & TOWN & C 26,35-27S4E	C-11212	HOOPES		KC	NR	NR	NR
HAMMER & MACLEAN 26-27S 4E	C-16242	SAFFORD MAN ET AL	D	KC	2040	10	32.0
HAMMER & MACLEAN 35-27S 4E 2-28S 4E	C-12240	AMBLER & MOYLE	P	KC	2062	10	35.0
JIMMY RAZOOK 10-27S4E	C-2187	J.H. SUITS	P	KC	NR	NR	36.0
LYMAN DAVID 12-28S 4E	C-15786	BOHANNON & LEE-PRICE	W	KC	2200	20	NR
AUGUSTA NORTH FIELD							
LEONARD ROPFCGEL 9,10,15,25-27S 4E	CR12782	BATES-ANDERSON-KING	D	KC	2200	14	34.0
ROBERT F. WHITE 21-27S 4E	C-2120	FOSTER	D	KC	2000	20	34.0
BALLARD FIELD							
METRO OIL 5-25S 3E	C-18550	KAUFMAN B	W	MISS	2760	4	40.0
BERNDSEN FIELD							
J.A. ALLISON 15-26S 4E	C-15390	BERNDSEN	P	SIMP	2448	28	39.0
LITTLE J.E.W. OIL 15-26S4E	C-14985	TURNER	D	MISS	2475	8	37.0
BLANKENSHIP FIELD							
LADD PETROLEUM 17-26S 8E	CR-6784	DUNNE A	P	BARTL	2600	21	38.0
LADD PETROLEUM 9-26S 8E	C-2672	DUNNE	P	BARTL	2400	20	35.0
SACO 29-26S08E	CR97910	DRUMM	D	CATTL	2625	10	35.0
BRANDT-SENSENBAUGH FIELD							
J.E. MORRIS ETAL 23-28S 7E	C-6105	BREWER	D	PERU	2350	10	NR

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1961	U	PROD & MISS	36	0	37.6	4893	35	0	2.1	489	2.1	489		C-8780
1962	U	PROD & ARB	12	0	1212	21033	9	0	11.8	753	11.8	751		C-9719
1974	U	PROD	0	0	0	339	3	0	10.3	266	3.8	10.7		C-17901
1963	T	PROD	17	NR	1591	35705	18	NR	16.9	3050	16.9	1121		C-10415
NR		NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	28	C-11212
1971	U	PROD	2	0	221	1906	3	0	2.6	25.4	2.6	25.4		C-16242
1965	U	PROD	4	0	237	5243	7	0	6.4	158	6.4	158		C-12240
1975	T	PROD	4	1	657	NR	11	1	22.6	NR	11.3	NR		C-2187
1963	T	PROD	1	0	102	NR	3	0	3.6	NR	3.1	NR		C-15786
NR	T	PROD	1	0	20.0	NR	7	0	9.1	NR	0	NR	29	CR12782
1941	U	PROD	1	0	300	11300	5	0	4.8	1000	3.2	148		C-2120
1976	U	PROD	1	0	0.5	NR	1	0	0.2	NR	0	0		C-18550
1970	T	PROD	1	0	75.0	1248	8	0	7.2	1032	7.2	NR		C-15390
1963	T	PROD	1	0	0.2	70.0	3	0	6	2.1	6	2.1		C-14985
1978	T	PROD	1	0	27.4	NR	2	0	2.2	NR	NR	NR	30	CR-6784
NR	T	PROD	0	0	0	NR	3	0	4.0	NR	NR	NR	31	C-2672
1979	U	PROD	2	0	10.4	10.4	12	2	12.3	12.3	12.3	12.3		CR97910
1958	U	PROD & MISS	1	0	135	NR	7	0	NR	NR	0	0		C-6105

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
BUTLER COUNTY							
BRANDT-SENSENBAUGH FIELD							
WHITE & ELLIS DRLG 6,23-28S 7E	C-15259	RAMP	D	PERU	2450	10	38.0
DE MOSS FIELD							
REX & MORRIS DRLG 5,7,8-28S 7E	C-11136	DE MOSS	W	BARTL	2650	40	40.0
ECKEL NORTHEAST FIELD							
REX & MORRIS DRLG 5,6-27S 7E	C-13958	HENN	W	KC	2025	10	37.0
EL DORADO FIELD							
CITCO 1,2,11,12-26S 4E	C-10002	ENYART L-KC	W	LKC	2000	22	36.0
CITCO 29,32-25S 5E	C-13973	STAPLETON SIMPSON	W	SIMP	2440	19	36.0
CITCO 21-25S 5E	C-6351	CHESNEY-HEGBERG MP	W	ADM	650	20	37.0
CITCO 32-25S 5E 4-26S 5E	C-6888	FINNEY SIMPSON	W	SIMP	2460	27	34.5
CITCO 28,29,32,33-25S 5E	C-9803	STOKES KANSAS CITY	W	KC	2000	20	36.0
CITCO 17-26S 5E	C-16163	EMPIRE LANSING	W	LANS	1700	20	36.1
DUNNE EQUITIES 29,30,32-26S 5E 25-26S 4E	C-3016	M.A. KOOGLER	D	SIM&VIO	2400	40	33.9
FOUR AND SEVEN LEASE 18-26S5E	CR-7809	STOWERS	D	ARB	2887	400	33.0
GEAR PETROLEUM 9-26S5E	C-2551	PAGE	W	SIMP	3000	10	36.0
GULF 11-26S 4E	C-4830	A.J. SHUMWAY	W	KC	1975	NR	33.5
MIDWEST SUPPLY 18-26S05E	CR28014	HELLER		SIMP	NR	NR	NR
OKMAR OIL 1-26S 4E	C-13161	FOWLER	W	KC	2040	20	33.0
OKMAR OIL 16-26S 5E	C-15109	BAKER COOP	W	LANS	1650	10	34.0
RAMSEY ET AL 6-26S 5E	C-12221	RAMSEY, ET AL	W	WHT CLD	760	10	36.0
R.J. WIXON DRILLING 13,18-25S 4E	C-8319	MORGAN	W	MISS	2750	NR	40.0
R.R. ABDERHALDEN 25-25S 4E	C-4575	MITCHELL	P	EL DOR	700	20	35.0
R.R. ABDERHALDEN 24-25S04E	C-7084	JACKSON "C" W.F.	W	EL DOR	650	20	33.0
SACO OIL 3-25S 5E	C-7484	BELTON	P	PERU	2130	14	34.0
SOUTHERN STATES OIL 04-26S05E	C-7355	COOK		SIMPSON	NR	NR	NR
SOUTHERN STATES OIL 4-26S 5E	C-17692	COOK	P	VIOLA	2611	18	34.0
SOUTHERN STATES OIL 27-25S 5E	C-8386	MILLS	P	ELD-KC	2500	NR	35.0
SOUTHERN STATES OIL 32-26S 5E	C-7096	W.E. BROWN	P	VIOLA	2692	12	31.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR (MMCF) 1980	PROD VOL MB OR (MMCF) CUM	ENHANC PROD MB OR (MMCF) 1980	ENHANC PROD MB OR (MMCF) CUM	NOTES	NO
1969	T	PROD	1	0	1.0	12.9	2	0	1.6	76.2	0	0		C-15259
1964	U	PROD	2	0	249	NR	9	0	4.8	NR	NR	NR		C-11136
1967	U	PROD	1	0	165	1724	6	0	5.2	207	4.2	52.0		C-13958
1963	T	PROD & ARB	26	NR	5407	66034	52	5	101	2161	101	2130		C-10002 C-7869
1967	T	PROD & ARB	4	0	691	8497	4	0	8.9	1542	8.9	289		C-13973
1975	E	LAKE	19	0	335	1955	8	0	3.0	7725	3.0	17.0		C-6351
1950	T	PROD & ARB	9	0	2011	57731	19	0	40.0	4745	40.0	2994 C-6586	C-5493	C-6888 C-2577
1962	T	PROD & ARB	29	0	3308	44871	41	4	91.0	1974	91.0	1508		C-9803
1971	T	PROD & VIOL	4	NR	394	3303	6	NR	8.8	495	8.8	108		C-16163
1951	U	PROD	10	0	2161	77502	26	0	22.7	3444	22.7	3444		C-3016
1979	U	PROD	1	0	NR	NR	3	0	4.3	NR	4.3	NR		CR-7809
NR	U	PROD	2	0	49.3	606	2	0	1.7	NR	1.7	NR		C-2551
1963	U	PROD	5	0	1062	17211	16	0	29.8	787	29.8	787		C-4830
1980	T	PROD	1	0	91.2	91.2	1	0	1.1	1.1	NR	NR		CR28014
1966	U	PROD & ARB	1	0	307	4537	3	0	2.5	66.9	1.2	57.0		C-13161
1969	U	PROD & KC	1	0	91.2	1494	1	0	0.9	43.0	0.9	18.1		C-15109
1965	T	PROD	1	0	0.2	NR	5	0	1.5	NR	0	NR		C-12221
NR	U	PROD	1	0	4	NR	2	0	2	NR	0	NR		C-8319
NR	U	PROD	1	0	50.0	NR	1	0	1.4	NR	1.4	NR		C-4575
NR	T	PROD	0	0	0	52.9	0	0	0	1.6	0	NR	32	C-7084
1958	U	PROD	1	0	1.6	NR	1	0	0.8	184	0.8	184		C-7484
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	33	C-7355
1975	T	PROD	1	0	130	1040	1	0	2.5	17.5	2.5	17.5		C-17692
1959	T	PROD	3	0	891	16359	12	0	9.4	748	9.4	748 C-8192		C-8386 C-6333
1959	T	PROD	1	0	115	2527	1	0	1.1	93.5	1.1	93.5		C-7096

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
BUTLER COUNTY							
EL DORADO FIELD							
STELBAR OIL 02-25S05E	CR-1805	PERU	W	PERU	2224	NR	38.0
STELBAR OIL 02-25S05E	C-17238	CAMERON	P	VIOL	NR	NR	NR
STELBAR OIL CORP 2-25S 5E	C-3454	STONE	W	PERU	2150	20	35.0
WHITE & ELLIS DRLG 19-26S5E	C-15896	HOUSTON	D	SIMP	2600	10	36.0
WHITE & ELLIS DRLG 7-25S 5E	C-4099	WILSON	D	MISS	2560	15	40.0
WHITE & ELLIS DRLG 19-25S 5E 35-28S05E 35-28S 5E	CR11785	WRIGHT	D	ADMIRE	700	10	36.0
WHITE & ELLIS DRLG 19-25S 5E	CR-9785	SCHWARTZ	D	ADMIRE	700	10	36.0
WILSON PRODUCTION 17-25S 5E	C-16481	WILSON-HAWKINS	P	MISS	2500	35	43.0
WRIGHT OIL 27-25S05E	C-4077	WILSON A		VIOLA	NR	NR	NR
ELBING FIELD							
ALADDIN PETROLEUM 08-23S04E	C-11895	FURMAN		KC	NR	NR	NR
D.A. OIL 18-23S 4E	C-0000	WEBRECK	D	MISS	2450	20	38.0
HILLENBURG OIL 17-23S 4E	C-7145	NORTH LATHROP	P	KC	2000	80	32.0
HILLENBURG OIL 17-23S 4E	C-8005	SOUTH LATHROP	P	KC	2000	80	32.0
RICHARD B. MORRIS 20,29-23S 4E	C-13622	EVERETT-FERRIER	W	KC	2020	30	33.0
ENTZ FIELD							
CITCO 23-26S 4E	C-17950	ENTZ-GAMBLE	W	SIMP	2491	10	NR
FERRELL FIELD							
K.T. WIEDEMANN TRUST 16-28S 8E	C-16942	MARY JANE FOUTS	D	MISS	2725	NR	35.0
MIDWEST SUPPLY 21-28S 8E	C-5287	FERRELL	W	MISS	2750	30	37.0
FOX-BUSH-COUCH FIELD							
BAKER OIL 27-28S05E	CR12801	PENNINGTON	P	BARTL	2775	11	40.0
H.H. BLAIR OIL 13-29S5E	C-6254	NADEN	W	BARTL	2820	30	35.0
JAMES H. WEBSTER 23,24-28S 5E 25,26,35-28S 5E 35-28S 5E	C-2903	NORTH FOX BUSH	W	BARTL	NR	NR	NR
MISCO INDUSTRIES INC 35,36-28S 5E 1,2,11,12,13-29S 5E 18-29S 6E	C-1909	FOX-BUSH	W	BARTL	2800	30	NR

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1980	T	PROD	1	0	146	146	2	0	NR	NR	1.3	NR		CR-1805
NR	U	PROD	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	34	C-17238
1951	T	PROD	1	0	54.8	1835	1	0	1.8	456	1.8	456		C-3454
NR	T	PROD	2	0	0.2	NR	2	0	1.3	NR	0	0	35	C-15896
1954	U	PROD	1	0	21.6	2.1	5	0	5.1	NR	0	0		C-4099
1979	U	PROD	1	0	7.2	14.4	4	0	7.5	24.1	0	0		CR11785
1979	U	PROD	1	0	5.5	11.0	4	0	7.7	22.8	0	0		CR-9785
1972	U	PROD	1	0	200	1800	13	0	20.0	1078	8.0	1078		C-16481
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	36	C-4077
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	37	C-11895
1965	T	PROD	2	1	36.5	NR	3	1	2.2	NR	2.2	NR		C-0000
1959	U	PROD & HUNT	1	0	73.0	2132	4	0	3.4	NR	1.4	NR		C-7145
1960		NR	0	0	0	2084	5	0	3.6	NR	0	NR		C-8005
1967	M	PROD & FR	1	0	91.2	886	3	1	3.4	NR	2.2	22.5		C-13622
1975	U	PROD	2	0	167	786	2	0	8.4	335	6.8	33.2		C-17950
1973	T	PROD	1	0	29.4	140	2	0	1.0	177	NR	NR		C-16942
1955	T	PROD	5	0	690	NR	11	0	13.8	NR	NR	NR		C-5287
1980	U	PROD	1	0	45.0	45.0	2	0	1.6	2.7	0	0		CR12801
NR	U	PROD	1	0	3.0	NR	4	0	1.9	NR	0	NR		C-6254
NR	U	PROD	0	0	NR	NR	0	0	0	NR	NR	NR	38	C-2903
NR	T	PROD	6	0	560	NR	11	0	9.0	NR	9.0	NR	39	C-1909

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
BUTLER COUNTY							
FOX-BUSH-COUCH FIELD							
SANTA ROBIN OIL 25-29S 5E	C-18231	SANTA ROBIN	D	BARTL	2750	40	40.0
SOUTHERN STATES OIL 25-29S 5E	C-1650	BROWN (NORTH)	P	BARTL	2735	45	39.0
STELBAR OIL 22,23-28S05E	CR-2805	J. E. S.	W	BARTL	2779	6	40.0
TOMLINSON OIL 25,27-28S 5E	C-5496	SPEER AND BUNNELL	D	BARTL	2790	25	37.8
GARDEN FIELD							
BUTLER DEVELOPMENT 32-26S 6E	C-12556	STRAIT UNIT	W	MISS	2760	20	NR
HARLAN FIELD							
E.H. ADAIR OIL 26,35-23S 4E	C-10457	HARVEY	P	KC	2140	7	32.0
HAVERFILL FIELD							
JIMMY RAZOOK 27-27S5E	CR-7783	JENKINSON A	D	BARTL	2750	45	40.0
HAZLETT FIELD							
K.T. WIEDEMAN TRUST 31-23S 5E	C-16357	CLEARWATER UNIT	W	MISS	2459	24	40.0
RANGE OIL 5-25S 5E	C-16646	SOMMERS	P	CONGL	2375	10	40.0
REX & MORRIS DRLG 29-23S 5E	C-17052	FANNIE	W	MISS	2450	25	41.0
JONES FIELD							
I.R. LAMBERT 25-25S 4E	CR-7796	TILTON	D	STAPEL	725	3	30.1
KEIGHLEY FIELD							
MUSGROVE PRODUCING 12-27S 7E	C-4656	WORRELL	D	BARTL	2750	30	39.0
MUSGROVE PRODUCING 12-27S 7E	C-15654	BARNHILL	D	BARTL	2750	20	39.0
W.R. GROSS 12-27S07E	C-1319	SEWARD	W	BARTL	NR	NR	NR
KEIGHLEY NORTHEAST FIELD							
DICK HESS 31-26S 8E	C-17561	KEIGHLEY NORTHEAST	D	BARTL	2670	50	38.0
LEE PHILLIPS OIL 30,31-26S 8E	C-16166	KEIGHLEY NE FLOOD UNIT	P	BARTL	2700	42	37.0
KRAMER-STERN FIELD							
DUNNE EQUITIES INC 4-28S 6E	370505	BLAKEMAN	D	VIOLA	3089	10	33.7
HAMMER & MACLEAN 21,22-27S 6E	C-13408	LEON UNIT	D	VIOL	3006	12	34.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1976	T	PROD	2	1	72.0	NR	6	1	3.0	46.6	3.0	NR		C-18231
1959	T	PROD	1	0	94.9	1953	2	0	2.7	118	2.7	118		C-1650
1980	U	PROD	1	0	7.3	7.3	2	1	4.3	26.5	0	0		CR-2805
1957	U	PROD	1	0	229	10309	2	0	1.8	521	1.8	111		C-5496
NR	U	PROD	1	0	NR	NR	3	0	2.0	NR	NR	NR		C-12556
1963	U	PROD	1	0	14.0	209	4	0	2.0	94.6	0.6	22.3		C-10457
1978	T	PROD	1	0	0	183	1	0	0	1.8	0	1.8		CR-7783
1971	T	PROD	2	0	218	2627	22	0	12.2	191	NR	NR		C-16357
1972	U	PROD	1	0	11.0	NR	1	0	1.8	39.7	1.8	14.8		C-16646
1973	U	PROD	1	0	72.0	NR	2	0	1.9	132	0	0		C-17052
1979	T	PROD	2	0	100	150	4	0	0.5	0.6	0.5	0.6	40	CR-7796
1960	U	PROD	1	0	14.0	NR	3	0	1.8	NR	0	0		C-4656
1965	U	PROD	1	0	36.0	NR	1	0	0.9	0	0	NR		C-15654
NR	U	PROD	1	0	27.0	796	1	0	0.2	83.6	NR	NR		C-1319
1975	T	PROD	2	0	56.0	174	3	0	2.8	46.3	2.8	24.3		C-17561
1971	U	PROD & DOUG	6	0	298	4204	11	0	17.1	953	0	0		C-16166
1979	U	PROD	2	0	366	NR	6	0	13.9	NR	13.9	NR		370505
1966	U	PROD	3	0	276	1786	10	0	10.1	260	10.1	260		C-13408

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
BUTLER COUNTY							
KRAMER-STERN FIELD							
REX & MORRIS DRLG 11-28S 6E	C-16178	LUCAS A & B WF	W	SIMP	3000	6	34.0
SACO OIL 3-28S 6E	C-17260	KRAMER	D	VIOLA	3070	10	33.0
SOUTHERN STATES OIL 27,28,33,34-27S 6E	C-8301	SHRIVER-STERN	P	VIOLA	3080	40	34.0
TEXACO 18-27S 6E	C-3218	TABING	P	VIOLA	3075	16	NR
WOODWARD OIL ACCT 3-28S 6E	C-17267	BLAKEMAN	D	VIOLA	3050	4	34.0
LEON FIELD							
HAMMER & MACLEAN 17-26S 6E	C-13911	MACLEAN	D	VIOLA	3136	17	36.0
SANTA BARBARA OIL 17,19,20-27S06E	C-6758	LEON W.F. PROJECT		BARTL	NR	NR	NR
MUDDY CREEK FIELD							
R.R. ABDERHALDEN 13-29S 4E	C-6426	S MUDDY CREEK WF	W	BARTL	2880	20	38.0
R.R. ABDERHALDEN 7-29S 5E	C-6853	N MUDDY CREEK WF	W	BARTL	2730	13	36.0
TOMLINSON OIL 6-29S 5E	C-6099	STEWART A	W	BARTL	2700	9	38.4
PARSLEY NORTHWEST FIELD							
KRM PETROLEUM 33-25S 3E	CR-5783	CLEARWATER	D	MISS	2728	14	43.4
PAULSON FIELD							
AM PETROFINA TEXAS 13,23,24-23S 3E	C-11990	PAULSON WF STA. 1	P	MISS	2460	28	41.0
AM PETROFINA TEXAS 25-23S 3E	C-13254	PAULSON WF STA. 2	P	MISS	2460	28	39.9
I.O. MILLER 13-23S 3E	C-16335	HINZ	D	MISS	2464	19	NR
PIERCE FIELD							
WHITE & ELLIS DRLG 21-25S 4E	C-16947	ALBERS	D	MISS	2550	10	40.0
POTWIN FIELD							
A. AINSWORTH 2-25S 3E	CR-7772	GUINN	D	MISS	2720	10	42.0
A. AINSWORTH 35-24S 3E	CR-6792	BRAINERD	W	MISS	2725	10	43.8
KANSAS PETROLEUM 35,36-24S 3E 1-25S 3E	C-17323	POTWIN-MOORE	P	MISSDOL	2750	10	42.5
LAW PRODUCTION 2-25S 3E	C-18194	POTWIN UNIT	W	MISS	2671	9	42.0
REX & MORRIS DRLG 31,32-24S 4E	C-11095	MAXWELL	D	MISS	2670	9	43.0
R.J. WIXON DRILLING 3,10,11-25S 3E	C-8391	DOHREN ET AL	D	MISS	2650	12	40.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1971	U	PROD & MISS	1	0	298	2081	14	0	5.5	442	2.7	25.0		C-16178
1974	U	PROD	1	0	8.0	NR	6	0	9.1	NR	9.1	NR		C-17260
1959	M	PROD	6	0	1499	33304	13	0	18.4	1151	18.4	1151		C-8301
1952	U	PROD	1	0	150	1494	1	0	1.9	119	0	C-6984 0	C-3074	C-976 C-3218
1960	U	PROD	1	0	290	NR	5	0	6.1	NR	4.8	NR		C-17267
1968	U	PROD	1	0	73.0	949	2	0	1.6	18.4	1.6	18.4		C-13911
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		C-6758
1962	T	PROD & DOUG	1	0	12.5	1507	1	0	1.7	96.7	1.7	NR		C-6426
1963	T	PROD & DOUG	2	0	36.0	692	3	0	3.3	95.5	3.3	NR		C-6853
1958	T	PROD & DOUG	1	0	33.3	643	1	0	1.8	126	1.8	66.1		C-6099
1978	U	PROD	1	0	64.6	146	8	0	10.2	310	0	0		CR-5783
1965	U	PROD	5	0	510	7110	20	0	26.4	1042	12.0	408		C-11990
1967	U	PROD	1	0	196	4729	2	0	1.1	48.5	0.7	19.2		C-13254
1971	U	PROD	1	0	90.0	740	9	0	7540	274	NR	29.6		C-16335
1973	T	PROD	1	0	7.2	54.6	5	0	3.6	260	0	0		C-16947
1977	U	PROD	1	0	146	293	3	1	7.3	17.0	NR	NR		CR-7772
1979	U	PROD	1	0	114	114	2	1	0.8	0.8	NR	NR		CR-6792
1974	U	PROD & MISS	1	0	237	1492	9	0	10.8	72.1	10.8	72.1		C-17323
NR	U	PROD	1	0	29.3	NR	2	0	1.4	NR	NR	NR		C-18194
1964	U	PROD	1	0	131	1305	11	0	5.6	NR	3.4	NR		C-11095
1961	T	PROD	1	0	105	NR	12	1	25.0	NR	0	NR		C-8391

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
BUTLER COUNTY							
POTWIN FIELD							
R.J. WIXSON DRLG 3-25S 3E	C-8605	JOSEPH	W	MISS	2750	NR	40.0
REYNOLDS-SCHAFFER FIELD							
AM PETROFINA TEXAS 33-26S 6E	C-9368	BREWER	D	MISS	2784	12	34.0
MURFIN DRILLING 33,34-26S 6E 3,4-27S 6E	C-17763	REYNOLDS-SHAFFER WF	W	MISS	2794	21	35.0
YUMA OIL 6-27S 6E	C-4039	DOUGHTY & PALMER	D	BARTL	2700	10	34.0
ROSALIA FIELD							
CONOCO 11-25S07E	C-12310	ZIMMERMAN	P	SQUIR	2425	30	40.0
DIANNE MCCARTHY OIL 11,12-25S7E	CR-7798	GISH & ROY	P	SQUIR	2425	30	38.0
SALLYARDS FIELD							
OKMAR OIL 20-26S 8E	C-4169	DRUMM-BITLER	W	BARTL	2660	25	36.0
SHINN FIELD							
K.T. WIEDEMANN TRUST 19-29S 8E	C-10166	SHINN WATERFLOOD	W	MISS	2760	16	39.0
SMOCK-SLUSS FIELD							
BISAGNO ET AL 35-26S 5E	C-2096	BISAGNO	D	BARTL	2700	40	37.9
BURTON OIL 25,26-26S 5E	C-3509	SLUSS	W	BARTL	2700	10	32.0
BURTON OIL 24-26S 5E 18-26S 6E	C-3801	FALKENBERG	D	BARTL	2700	11	32.0
J.E. MORRIS ETAL 11-27S 5E	C-13206	KNUTSON	D	BARTL	2700	30	39.0
MYRA J. LEBOW 26-26S05E	C-2915	R. E. SLUSS	P	BARTL	2696	10	37.0
SNOWDEN-MCSWEENEY FIELD							
EARL F. WAKEFIELD 9-29S 6E	C-3430	WAKEFIELD FEE	D	BARTL	2800	20	39.0
PRICE OIL 16-29S 6E	C-17996	WOODS	D	PERU	2480	20	36.0
TOWANDA FIELD							
GULF 5-26S 4E	C-6580	RICE-WAIT	W	VIO&SIM	2476	60	38.0
WHITEWATER EAST FIELD							
WHITE & ELLIS DRLG 33-25S 4E	C-16406	EDMISTON	D	MISS	2460	8	40.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
NR	U	PROD	1	0	22	NR	2	0	0.5	NR	0	NR		C-8605
1962	T	PROD	1	0	60.1	551	5	0	3.2	134	1.5	44.1		C-9368
1975	T	PROD	1	0	296	1174	12	0	9.3	78.3	0	0		C-17763
NR		PROD	1	0	13.7	NR	3	0	4.1	NR	4.1	NR		C-4039
NR	U	PROD	1	0	189	895	6	0	8.5	51.9	0	0	41	C-12310
1965	T	PROD	1	0	358	1000	6	0	7.2	23.2	7.2	3.2		CR-7798
1954	U	PROD	1	0	54.9	1162	3	0	1.2	133	1.2	27.3		C-4169
1963	T	PROD	6	0	845	11125	13	0	16.3	438	NR	NR		C-10166
1955	T	PROD	3	0	250	15770	6	1	10.1	1100	9.5	NR		C-2096
1945	U	PROD	2	1	90.0	NR	2		2.0	NR	2.0	NR		C-3509
1950	U	PROD	3	0	300	NR	4	0	9.0	NR	9.0	NR		C-3801
1967	U	PROD	1	0	113	1231	2	0	5.9	159	3.3	20.0		C-13206
NR	T	PROD	1	0	NR	72	1	0	2.5	NR	NR	NR	42	C-2915
1960	U	PROD	2	0	81.8	4250	7	0	2.0	233	1.0	117		C-3430
1975	T	PROD	1	0	108	500	12	1	10.2	57.7	0	0		C-17996
1954	U	PROD	2	0	568	19277	7	0	11.5	4333	11.5	4333		C-6580 C-4029
1972	T	PROD	1	0	9.0	78.9	3	0	2.2	140	0	0		C-16406

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
BUTLER COUNTY							
WHITEWATER WEST FIELD							
ROBERT E. DAVIS 28,33,34-25S 3E	C-15546	HAMILTON-SCULLY	P	MISS	2725	22	43.0
WOMACK FIELD							
CONOCO 17-28S 6E	C-17962	WOMACK UNIT	W	BART	2772	9	NR
YOUNG FIELD							
B&G OIL 21-26S 7E	CR-4783	HENN	D	MISS&SQ	2800	10	36.0
DUNNE EQUITIES 27-26S 7E	C-1318	WILLHITE	D	KC	2108	28	32.2
J.E. MORRIS ET AL 20,29-26S 7E	C-5932	GUENTHER	D	MISS	2750	20	33.0
KAISER-FRANCIS 23-26S 7E	C-13616	STEWART		MISS	2750	20	33.0
OKMAR OIL 27-26S 7E	C-3258	YOUNG CO-OP	W	KC	2140	37	34.0
YOUNG SOUTHWEST FIELD							
CROWE DRILLING 32-26S 7E	C-12982	PMA RANCH	P	MISS	2724	8	NR
BUTLER-COWLEY COUNTIES							
FOX-BUSH-COUCH FIELD							
STELBAR OIL CORP 36-29S 5E 1-30S 5E 31-29S 6E	C-5547	BROWN & SHAWVER	W	BARTL	2800	30	38.0
ROCK NORTHEAST FIELD							
STELBAR OIL CORP 6-30S 5E 29,31,32-29S 5E	CR-9773	ROCK NORTHEAST	W	BARTL	2832	18	37.0
CHASE COUNTY							
ATYEO-PIXLEE FIELD							
AZTEC OIL 01-22S09E	C-18257	SNYDER		MISS	NR	NR	NR
GEORGE R. SMITH 31-21S10E	CR-9802	ATYEO A	D	BAR-MIS	2200	25	34.0
TEETER-SCOTT FIELD							
GLACIER PETROLEUM 35-22S 9E	C-16856	HARTLEY A	P	BARTL	2451	36	40.0
CHASE-LYON COUNTIES							
ATYEO-PIXLEE FIELD							
E.W. SAUDER 24-21S 9E 19-21S10E	C-519	ANNIE & H.W. HUGHES	P	BARTL	2200	25	39.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1970	T	PROD	1	0	84.0	934	5	0	2.7	131	0	0		C-15546
1976	T	PROD	3	NR	544	1804	6	NR	56.5	132	56.5	132		C-17962
1977	U	PROD	1	0	14.4	NR	1	0	1.1	NR	0	0		CR-4783
NR	U	PROD	1	0	54.9	NR	3	0	0.9	NR	0.9	NR		C-1318
1957	U	PROD & SQUI	1	0	299	NR	11	0	8.0	NR	5.2	NR		C-5932
1957	U	PROD & SQUI	1	0	14.6	171	1	0	1.8	NR	0	0	43	C-13616
1952	U	PROD & MISS	4	0	520	6098	10	0	11.7	125	9.4	30.9		C-3258
1966		PROD	2	0	7.3	NR	3	0	2.9	NR	NR	NR		C-12982
1957	T	PROD	1	0	12.8	1020	3	0	1.5	152	1.5	152		C-5547
1977	U	PROD & STAL	3	0	285	880	11	0	24.7	62.9	24.7	62.9		CR-9773
NR	N	NR	0	0	0	0	0	0	0	0	0	0	44	C-18257
1980	T	PROD	1	0	32.8	32.8	6	0	5.9	5.9	0	0	45	CR-9802 C-1972
NR	U	PROD	2	0	471	NR	3	0	18.0	NR	18.0	NR		C-16856
1939		PROD	2	0	21.6	2142	9	0	10.9	524	3.6	157		C-519

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
CHAUTAUQUA COUNTY							
CEDARVALE FIELD							
MENDENHALL OIL PROP 10-34S 8E	C-17641	LEEDY	W	PAWNEE	1900	20	38.0
CLOVERDALE FIELD							
OLYMPIC PETROLEUM 12-33S 8E	C-14002	CLOVERDALE FIELD UNIT	W	CATTLE	2030	15	38.9
ELGIN FIELD							
JOHN M. CENMAN OIL 12,13-35S 9E 7,17-35S10E	C-469	FLEISHER-NEWMAN	D	PERU	1540	40	38.0
JOHN M. CENMAN OIL 25,26,27,34-34S10E	C-465	BIRD UNIT	D	PERU	1360	40	38.0
FRASIER FIELD							
SUNRISE OIL 13,18-33S13E	C-12775	H. DAVIS	P	WEISER	1140	18	33.0
HALE-INGE FIELD							
LAYTON OIL 18,19-32S13E	C-10744	HALE FLOOD	W	WISNER	1130	12	33.0
HOLROYD FIELD							
SOUTHERN STATES OIL 15,16-35S09E	C-18612	HOLROYD		MISS	NR	NR	NR
KEMPTON FIELD							
KEENY-LANDES 17-32S09E	C-18521	KEMPTON		MISS	NR	NR	NR
LANDON-FLOYD FIELD							
PATTESON BROS 14,23-32S10E	C-9072	PATTESON BROS	D	MISS	1950	8	30.0
LENITON FIELD							
CHARLES J. MARTIN 21,28-33S10E	C-6721	STAATS CHAUTAUQUA	W	PERU	1300	20	30.0
JOHN M. CENMAN OIL 17-33S10E	C-5161	R.L. MENDENHALL	P	PERU	1040	50	31.0
LOWE FIELD							
JOHN M. CENMAN OIL 20-33S10E	C-4746	LOWE UNIT	D	PERU	1440	25	32.0
NIOTAZE FIELD							
STEINBERGER BROS 5,6-35S13E	C-2207	HYDER FIELD	W	REDD	700	15	34.5
OLIVER FIELD							
E.H. ADAIR OIL 2-32S10E	C-11863	MCNEE	P	MISS	2000	6	29.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1975	U	PROD	2	0	50.0	215	4	0	5.2	671	3.9	NR		C-17641
1968	F	SH FR WAT	4	0	221	3471	14	0	12.0	897	12.0	897		C-14002
NR	U	PROD	3	0	28.3	3034	13	0	4.7	744	4.7	446		C-469
NR	U	PROD	5	0	82.8	892	35	0	13.8	176	13.8	176		C-465
NR	U	PROD	2	0	1.8	NR	5	0	0.6	NR	0	NR	46	C-12775 C-12595
1974	T	PROD	0	0	0	0	4	1	3.9	9.7	3.9	9.7		C-10744
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	47	C-18612
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		C-18521
1962	U	PROD	2	0	290	6203	4	0	5.7	114	NR	NR		C-9072
NR	U	PROD	1	0	10.0	25.0	4	0	1.1	21.9	0	0		C-6721
NR	U	PROD	2	0	51.4	1523	29	3	8.6	359	8.6	359		C-5161
NR	U	PROD	1	0	39.4	251	17	3	6.6	35.4	6.6	35.4		C-4746
1941	U	PROD	11	0	25.0	630	21	0	5.3	156	0	0		C-2207
1965	U	PROD	1	0	2.2	147.3	1	0	0.7	19.6	0	0		C-11863

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
CHAUTAUQUA COUNTY							
PERU-SEDAN FIELD							
B & M OIL 27-34S12E	C-3221	MCMILLAN	W	PERU	1100	15	34.5
BILL D. FARRIS 11-34S12E	C-18386	BILL FARRIS	W	PERU	1000	6	23.0
BILL D. FARRIS 22,27-34S12E	C-4134	LOGSDON	P	PERU	1150	10	34.0
BILL D. FARRIS 15-34S12E	C-4135	COULTER-RAYMOND		PERU	1150	7	34.0
BILL D. FARRIS 26-34S12E	C-14682	PARKER B	W	REDD	978	9	34.0
BILL D. FARRIS 22-34S12E	C-3993	ALPINE	W	PERU	1150	10	NR
BILL I.& MYRA CUSTER 36-34S11E	C-289	O.K. SPURLOCK	D	PERU	1177	22	35.5
BURLINGTON OIL 26-33S11E	360128	GARDNER	D	PERU	1100	25	34.0
CLYDE R. JONES 15-34S12E	C-18364	WINDER	D	PERU	924	13	32.3
DAVID E. WILSON 33-34S12E	CR-7778	HIGH	D	PERU	1150	8	34.0
DOBERMAN OIL & GAS 22,27-33S12E	CR-9772	RAYMON	W	PERU	1035	16	30.0
EDDIE & DWIGHT KEEN 17,20-33S12E	C-18248	RAY HARDY	P	PERU	950	30	30.0
H.D. EMERT 7-34S12E	C-6087	AUSTIN	W	PERU	950	10	32.0
J. COPELAND LANDES 27-34S11E	C-15130	MURRAY ISE		PERU	1200	10	37.0
JOHN M. CENMAN OIL 3-34S11E 31-33S12E 6-34S12E	C-388	PERU FARM	P	PERU	980	38	33.0
JOHN M. CENMAN OIL 36-34S11E	C-15	BLUNDELL	P	PERU	1000	36	34.0
JOHN M. CENMAN OIL 27,34-34S11E	C-17031	BOWMAN UNIT	D	PERU	1220	40	35.0
JOHN M. CENMAN OIL 33-33S11E 5-34S11E	C-1029	CASEMENT	P	PERU	NR	16	32.0
JOHN M. CENMAN OIL 27,34-33S12E	C-467	MORTON-RILEY	D	PERU	990	30	34.0
JOHN M. CENMAN OIL 25,26-34S11E 1-35S11E	C-468	LEMMON-BECK	D	PERU	1125	50	34.0
JOHN M. CENMAN OIL 15,16-34S11E	C-463	ALBRIGHT	D	PERU	1165	40	35.0
JOHN M. CENMAN OIL 35,36-34S11E	C-462	HANN UNIT	D	PERU	1100	30	35.0
JOHN M. CENMAN OIL 3-34S11E	C-139	BELLMAN UNIT	P	PERU	1073	16	32.0
JOHN M. CENMAN OIL 10,15,22-34S12E	C-17030	CC POOR FARM	P	PERU	984	20	34.0
JOHN M. CENMAN OIL 14,15,21,22-33S11E 23,26,27,28-33S11E	C-1473	GREGG	P	PERU	1224	33	34.0
JOHN M. CENMAN OIL 18,19-34S12E	C-17033	HARTZELL-RODGERS	P	PERU	1000	16	34.0
LEE R. JONES JR. OIL 1,12-35S11E	C-905	CRANE	D	PERU	1170	30	33.0
LEE R. JONES JR. OIL 18-35S12E	C-10679	WITHAM	D	PERU	1150	30	32.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1952	U	PROD	1	0	12.6	NR	14	3	7.0	503	0	0		C-3221
1976	U	PROD	1	0	4.0	9.2	2	0	0	0	0	0		C-18386
1967	U	PROD	1	0	18.0	254	10	0	1.0	26.3	0	0		C-4134
1967	U	PROD	1	0	18.0	254	8	1	3.6	50.4	3.6	50.4		C-4135
1968	U	PROD	1	0	7.3	131	0	0	1.0	20.1	0	0		C-14682
1973	U	PROD	1	0	0.7	18.0	1	0	0	0	0	0		C-3993
NR	U	PROD	1	0	3.7	NR	3	1	0.4	NR	0	NR		C-289
1953	U	PROD	2	0	1.5	NR	5	0	1.6	NR	0.8	NR		360128
1976	U	PROD & SWS	1	0	NR	NR	3	0	1.8	NR	NR	NR		C-18364
NR	U	PROD	1	0	9.1	NR	4	0	1.5	NR	0	0	48	CR-7778
1977	U	PROD&SWS	1	0	26.5	104	9	0	2.7	12.8	0.7	3.0		CR-9772
1976	U	PROD	2	0	56.9	155	9	3	4.0	8.4	3.6	7.3		C-18248
1978	U	PROD	2	0	73	163	12	3	5.3	11.7	2.1	NR		C-6087
NR	U	PROD	1	0	60.0	NR	3	1	2.1	NR	0	NR		C-15130
1955	U	PROD&SWS	3	0	32.0	1287	13	0	5.3	229	5.3	229		C-388
NR	U	PROD & SWS	1		13.2	58.0	6	0	2.2	9.0	2.2	9.0		C-15
NR	U	PROD	3	0	49.9	491	26	0	8.3	94.0	8.3	94.0		C-17031
1955	U	PROD & SWS	4	0	17.7	781	12	0	3.0	346	3.0	346		C-1029
NR	U	PROD	1	0	15.8	221	9	0	2.6	45.3	2.6	45.3		C-467
NR	U	PROD	8	0	58.5	932	32	0	9.8	192	9.8	192		C-468
NR	U	PROD	1	0	6.1	120	7	0	1.0	25.1	1.0	25.1		C-463
NR	U	PROD	15	0	93.7	14615	42	0	15.6	3578	15.6	3578		C-462
1955	U	PROD & SWS	1	0	7.6	265	3	0	1.3	43.3	1.3	43.3		C-139
1955	U	PROD & SWS	4	0	29.2	1449	23	0	4.9	1631	4.9	1631		C-17030
1955	U	PROD & SWS	3	0	20.3	1843	12	0	3.4	1768	3.4	1768		C-1473
1955	U	PROD & SWS	3	0	5.4	969	6	0	0.9	702	0.9	702		C-17033
1960	U	PROD	2	0	14.6	2185	10	0	1.0	45.4	0	0		C-905
1970	U	PROD	4	0	9.2	811	11	2	2.3	114	0.9	11.8		C-10679

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
CHAUTAUQUA COUNTY							
PERU-SEDAN FIELD							
LEE R. JONES JR. OIL 12-35S11E	C-6133	SMITH & LEE	D	PERU	1160	25	32.0
LIBERTY HILL OIL 33-34S11E	C-17888	MACFARLANE-DELONG	P	PERU	1120	20	34.0
LIBERTY HILL OIL 15,16,21-34S11E	CR-8772	LARAWAY	P	PERU	1250	28	31.0
LYONS DRILLING 16,17-35S11E	CR-4789	ALLAN	W	PERU	1150	20	32.0
MCCANN DRILLING 33-33S11E	CR-9778	MCCANN PROJECT #1	W	PERU	1225	25	31.5
PETROLEUM ENTERPRISE 22-34S12E	C-6320	HILLS	P	PERU	1000	15	34.0
PETROLEUM ENTERPRISE 27-34S11E	C-14956	HEATH	W	PERU	1130	15	35.0
PETRO-LEWIS 28-34S12E	C-16973	BROOKS-HILL	P	PERU	1020	19	34.0
PETRO-LEWIS 15,22-34S12E	C-16972	DE ARMOND ETAL	P	PERU	984	20	34.0
PETRO-LEWIS 9-34S12E	C-16970	STAFFORD	P	PERU	1027	35	34.0
PETRO-LEWIS 20,29-34S12E	C-16971	BOWEN ETAL	P	PERU	1055	15	34.0
PETRO-LEWIS 24-34S11E 19-34S12E	C-16974	NEFF ETAL	P	PERU	1055	15	34.0
ROGERS & WILLIAMS 19-33S12E	CR-1784	HARROLD	P	PERU	1000	14	32.0
SHANNON BROS 6,7-35S12E	C-3556	TURNER-JOHNSON	D	PERU	1180	40	35.0
SIMS OIL 11-35S11E	CR-7808	PARKER		PERU	1100	20	33
SUNRISE OIL 5-34S12E	C-6342	ALFORD	W	PERU	NR	NR	NR
SUNRISE OIL 04-34S12E	C-556	SHOTGUN	P	PERU	NR	NR	NR
SUNRISE OIL 33-34S12E	C-6243	CAMERON UNIT	W	PERU	NR	NR	NR
SUNRISE OIL 15-35S12E	C-6257	LL TURNER	W	WAY	NR	NR	NR
SUNRISE OIL 34-34S12E	C-6170	CHANCE	W	PERU	NR	NR	NR
SUNRISE OIL 03-35S12E	C-6132	BIG TURNER	W	PERU	NR	NR	NR
SUNRISE OIL 08-34S12E	C-5477	STAFFORD	P	PERU	NR	NR	NR
WALTER E. DARNALL 34-33S11E	CR-9792	BAIN		PERU	1050	30	30.0
WALTER E. DARNALL 6-35S12E	C-10903	PAULLUS HEIRS	D	PERU	1170	50	35.0
SEDAN SOUTH FIELD							
W. N. HUFFINE 11-34S11E	CR-4802	C. BOWE	D	WAY	1100	10	25.0
CHAUTAUQUA-COWLEY COUNTIES							
CEDARVALE FIELD							
GEMOCO 9,15,16-34S8E	C-18164	WEST CEDAR VALE	W	PAWNEE	2045	22	38.5

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1961	U	PROD	2	0	51.1	927	14	3	10.2	130	5.0	15.0		C-6133
1975	T	PROD&SWS	11	0	585	2288	23	0	26.0	260	12.0	20.5		C-17888
1977	T	PROD&SWS	3	0	265	486	13	4	8.7	29.2	0	0		CR-8772
1978	U	PROD	1	0	1.1	NR	2	0	1.0	NR	0	NR		CR-4789
1977	U	PROD	8	0	175	430	16	5	8.4	34.5	3.0	NR		CR-9778
NR	T	PROD	1	0	25.1	NR	9	0	1.0	NR	0.2	NR		C-6320
NR	T	PROD	1	0	50.3	NR	11	0	1.8	NR	0.4	NR		C-14956
1955	U	PROD & SWS	2	0	44.3	1617	5	0	4.0	218	4.0	218	49	C-16973
1955	U	PROD & SWS	3	0	61.5	2593	11	0	4.7	312	4.7	312	50	C-16972 C-7756
1955	U	PROD & SWS	3	0	68.0	1332	6	0	3.4	176	3.4	176	51	C-16970
1965	U	PROD & SWS	6	0	96.0	772	16	0	25.6	205	25.6	205	52	C-16971
1966	U	PROD & SWS	6	0	84.1	1439	19	0	9.4	347	9.4	347	53	C-16974
1978	T	PROD	1	0	19.7	47.6	4	0	1.9	7.5	0	0		CR-1784
1953	U	PROD	1	0	2.6	NR	3	0	0.9	NR	0.9	NR		C-3556
1980	U	PROD	1	0	18.0	NR	6	2	2.8	NR	0	0		CR-7808
NR	U	PROD	4	0	36.5	NR	3	0	3.3	NR	0	NR	54	C-6342
NR	U	PROD	0	0	1.0	NR	1	0	0.2	NR	0	NR	55	C-556
NR	U	PROD	0	NR	0	NR	0	NR	0	NR	0	NR	56	C-6243
NR	U	PROD	1	0	11.0	NR	2	0	1.1	NR	0	NR	57	C-6257
NR	U	PROD	2	0	73.0	NR	10	0	2.6	NR	0	NR	58	C-6170
NR	U	PROD	1	0	14.6	NR	1	0	0.4	NR	0	NR	59	C-6132
NR	T	PROD	5	0	110	NR	13	0	6.6	NR	0	NR	60	C-5477
NR	U	PROD	1	0	21.9	NR	2	0	0.4	NR	0.4	NR		CR-9792
1952	U	PROD	1	0	18.2	NR	2	0	0.1	NR	0.1	NR		C-10903
1980	U	PROD	1	0	3.2	3.2	2	0	0.4	0.4	0	0		CR-4802
1975	T	PROD&WAY	2	0	91.3	435	4	0	13.1	179	13.1	57.9		C-18164

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
CHAUTAUQUA-ELK COUNTIES							
HALE-INGE FIELD							
L.L. BRUNDRED JR 4-32S12E 33-31S12E	C-18336	MCKAY	P	LKC	425	7	25.5
CHEYENNE COUNTY							
CHERRY CREEK FIELD							
J-W OPERATING 3,4,9,10- 3S41W 16,21,22- 3S41W	C-18584	M. ORTH	P	LANS	4669	7	33.0
CLARK COUNTY							
HARPER RANCH FIELD							
UNION OF CAL 2,11-34S21W	CR-1791	HARPER UNIT	W	MORR	5450	9	36.0
COFFEY COUNTY							
CRANDALL FIELD							
JERRY J. RANES 31-22S16E	CR-8802	SUTHERLAND	D	SQUIR	1000	4	22.0
LARRY MOORE RANCH 15-23S16E	C-15679	LAWRENCE	D	SQUIR	1050	15	23
CRANDALL NORTH FIELD							
REED OIL 31-22S16E	CR-2791	WRIGHT-FRANCE	W	SQUIR	1070	12	23.0
HATCH FIELD							
KRAFT OIL 35-21S13E	C-17764	BASHAW-BIRK	D	SIMP	2151	4	26.0
LAST CHANCE FIELD							
BRUNSON-SPINES 1-19S14E 6-19S15E	CR-2787	JONES-HUNTER	P	BARTL	1475	NR	37.0
NEOSHO FALLS-LEROY FIELD							
B & S OIL 28-22S16E	C-18476	NR	D	CHENEY	950	40	NR
BARTLETT HANNEN OIL 35-22S16E	C-11619	RUE-B-LEE NO 1	D	SQUIR	962	8	36.0
BARTLETT HANNEN OIL 12-23S16E	C-11074	RUE-B-LEE NO 2	D	SQUIR	945	7	36.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1976	U	PROD	3	0	117	365	9	0	2.0	10.0	2.0	7.3		C-18336
1976	U	PROD	1	0	15.0	80.8	5	0	8.7	68.4	0	0		C-18584
1959	U	PROD	1	0	417	6685	5	0	21.5	1222	21.5	1222		CR-1791 C-6764
1979	U	PROD	1	1	0	0	2	0	0.1	NR	0	NR	61	CR-8802
1969		NR	1	0	5.1	NR	13	3	3.1	NR	0	NR		C-15679
1979	M	PROD&FR	1	2	12.1	81.0	7	0	2.8	13.7	2.8	13.7		CR-2791
1976	T	PROD	1	0	110	535	4	0	11.0	53.3	2.9	7.8		C-17764
1978	U	PROD	1	0	73.6	75.8	4	0	23.2	102	NR	NR		CR-2787
NR	U	PROD	1	0	NR	NR	12	1	0	0	0	0	62	C-18476
1963	T	PROD	NR	NR	11.5	NR	NR	NR	1.0	NR	1.0	NR		C-11619
1963		PROD	1	0	2.3	NR	1	0	0.1	NR	NR	NR		C-11074

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
COFFEY COUNTY							
NEOSHO FALLS-LEROY FIELD							
BODEN OIL 22-16S35E	C-11774	BODEN	W	SQUIR	970	10	25.6
C&C OIL 22-22S16E	C-17175	KLAUS		SQUIR	1015	15	25.0
HAROLD ERBERT 12-23S16E	C-14942	BEARD	P	SQUIR	940	8	26.0
HAROLD ERBERT 1-23S16E	C-12184	PINON	P	SQUIR	955	8	26.0
LANCE E. BALLARD 1-23S16E	C-17568	MEATS-MCGINNIS		SQUIR	950	8	25.0
MARVIN E. BOYER OIL 2-23S16E	C-18200	LEROY UNIT	W	SQUIR	NR	NR	NR
WINN OIL 21-22S16E	C-18102	WINN	D	SQUIR	900	10	24.0
OTTUMWA FIELD							
TEICHGRAEBER OIL 22,23-20S14E	C-17356	METZLER	P	MISS	1600	10	34.0
THOMSEN FIELD							
LORAINE CLEAVER 10-21S14E	C-17283	BOWMAN	W	SIMP	1948	3	26.0
VIRGIL FIELD							
FRENCH OIL 16-23S14E	C-5633	PILCHER	P	MISS	1400	NR	36.0
FRENCH-WINTERSCHIED 14-23S13E	C-199	KELLY	P	MISS	NR	6	38.0
FRENCH-WINTERSCHIED 14-23S13E	C-5835	OLINGER & OLINGER B	P	MISS	1800	5	36.0
VIRGIL NORTH FIELD							
FRENCH-WINTERSCHIED 14-23S13E	C-17368	HENRY BAHR	P	VIOLA	NR	NR	NR
WINTERSCHIED FIELD							
KRAFT OIL 14-23S14E	C-13346	SCOTT,WILEY,COCKRAN	W	MISS	1600	15	38.0
KRAFT OIL 14-23S14E	C-13052	VASTREZ,SHOTWELE,MCCARTN	W	MISS	1600	15	38.0
COFFEY-WOODSON COUNTIES							
NEOSHO FALLS-LEROY FIELD							
NEWLAND OIL 13,24-23S16E	C-2863	NEOSHO FALLS FLOOD	W	SQUIR	940	12	27.0
COMANCHE COUNTY							
COLLIER FLATS FIELD							
HALLIBURTON OIL 24,26-33S20W	C-17128	COLLIER FLATS UNIT	P	LKC	4744	5	44.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
NR	T	PROD	1	0	3.7	NR	8	0	1.7	NR	NR	NR		C-11774
1973	U	NR	1	0	3.5	NR	10	4	4.7	NR	0.5	NR		C-17175
1969	U	PROD&KC	3	0	25.2	101	7	3	1.1	6.0	0.1	4.8		C-14942
1977	U	PROD&KC	5	0	50.4	187	9	5	5.5	14.9	4.9	13.5		C-12184
1975	T	PROD	2	0	3.7	NR	11	0	3.7	NR	0	NR	63	C-17568
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	64	C-18200
1975	U	PROD	1	0	0.4	NR	23	0	1.2	NR	NR	NR		C-18102
1976	U	PROD	1	1	40.8	NR	1	1	0.8	NR	0.1	NR		C-17356
1974	U	PROD	1	0	9.1	NR	2	0	NR	NR	0	NR		C-17283
1955	T	PROD	1	0	12.0	456	2	0	0.2	NR	0.2	46.8		C-5633
1945	T	PROD	1	0	99.0	396	9	0	17.5	NR	13.1	245		C-199
1960	T	PROD	2	0	36.5	633	5	0	2.9	NR	1.9	67.8		C-5835 C-202
NR	U	PROD	1	0	NR	NR	1	1	2.2	25.6	NR	NR		C-17368
1966	F	PROD	2	0	76.7	584	7	0	1.5	23.7	0.9	6.4		C-13346
1966	U	PROD	1	0	23.7	186	7	1	2.6	15.8	0.5	4.3		C-13052
1952	U	PROD & KC	7	0	28.8	2171	28	4	10.8	404	10.8	404		C-2863
1973	U	PROD	2	0	30.0	308	2	0	6.8	160	6.8	6.8		C-17128

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
COMANCHE COUNTY							
LEMON RANCH FIELD							
KRM PETROLEUM 13,14,23,24-34S20W	CR11794	LEMON	P	LKC SWO	4800	6	41.0
COWLEY COUNTY							
ALBRIGHT FIELD							
DECK OIL 2-34S 5E	C-10481	ALBRIGHT	P	MISS	3100	12	39.0
W.D. SHORT 1,2,10,11-34S 5E	C-16740	ALBRIGHT	W	MISS	3100	15	37.0
BERNSDORF FIELD							
M.M. MILLS 4-32S4E	C-11349	BERNSDORF		BARTL	NR	NR	NR
M.M. MILLS 33,34-31S4E 4-32S4E	C-11121	SONTAG-BERNSDORF	W	BARTL	3050	10	NR
BIDDLE NW FIELD							
STEWART BROS. 01-32S04E 36-31S04E 31-31S05E 6-32S05E	C-7358	BIDDLE NW UNIT	P	CATTL	2955	18	37.0
BOLACK FIELD							
R.R. ABDERHALDEN 21-32S 6E	C-9844	BOLACK WF UNIT	W	CATTLE	150	16	37.0
BOX FIELD							
K.T. WIEDEMANN TRUST 20,29-30S 7E	C-17807	MELVIN R. STOLP	W	MISS	2854	30	39.0
BRANDENBURG FIELD							
AYLWARD DRILLING 3-35S 3E	C-16770	BRANDENBURG	W	MISS	3355	15	35.0
BRANSON FIELD							
GRALAPP & EVERLY 29,32-32S 7E	C-16081	BRANSON	W	BARTL	2900	20	39.0
BURDEN FIELD							
TEXACO 29,32-32S 7E 19,20,29,30,31-31S 6E	C-9593	BURDEN UNIT	W	BARTL	2950	30	38.0
WILSON DRILLING 17,18-31S 6E	C-16342	KEESEY-BLANCHAT	P	BARTL	2820	80	38.4
COMBS FIELD							
TOMLINSON OIL 5-30S 5E	C-4028	COMBS	D	BARTL	2530	9	40.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1979	T	PROD	3	0	0	0	9	2	153	240	0	0		CR11794
1964	U	PROD	7	0	67.9	574	1	0	23.5	353	9.4	46.7		C-10481
1963	U	PROD	2	0	52.9	589	17	0	14.8	550	14.8	550		C-16740
NR	N	NR	0	0	0	0	0	0	0	0	0	0		C-11349
NR	U	PROD	3	0	3.6	NR	3	0	1.0	NR	NR	NR		C-11121
1961	U	PROD	1	0	20.0	9525	2	0	0.5	329	NR	NR		C-7358
1963	T	PROD & MISS	2	0	330	5291	3	0	2.8	388	2.8	0		C-9844
1975	T	PROD	1	0	51.2	373	8	0	9.9	630	NR	NR		C-17807
1973	T	PROD	1	0	30.1	186	3	0	4.6	149	4.6	27.8		C-16770
1970	T	PROD	2	0	25.8	NR	2	0	3.9	294	2.7	NR		C-16081
1963	U	PROD	5	0	404	29718	10	0	20.6	1436	20.6	1139		C-9593
1968	T	PROD	2	0	105	2014	16	0	18.0	407	7.5	NR		C-16342
1954	U	PROD	1	0	46.8	1014	2	0	1.7	413	1.7	116		C-4028

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
COWLEY COUNTY							
COPELAND FIELD							
CLYDE PETR 33-34S 4E 4-35S 4E	C-18533	BOSSI UNIT	P	MISS	3194	20	NR
DANIELS FIELD							
LEE PHILLIPS OIL 7,8-30S 5E	C-16632	DANIELS FLOOD	P	BARTL	2950	40	39.0
DAVID FIELD							
GEAR PETROLEUM 25,26-30S 4E	C-8007	NORTH DAVID UNIT	W	BARTL	2975	18	39.0
KEITH D. LEAKE 26-30S 4E	C-16403	KURTZ	P	BARTL	2945	12	39.0
MARTIN OIL 9-31S 4E	CR-5781	SATTLER	P	BARTL	2940	12	38.0
DEXTER FIELD							
WALNUT VALLEY OIL 18-33S 7E	CR-1786	JONES SWD	D	MISS	2760	11	37.0
DILLARD FIELD							
REX & MORRIS DRLG 5,7,8-30S 5E	C-11853	GRAHAM	W	BARTL	2875	25	40.0
DUNCAN FIELD							
M.M. MILLS 3-34S 3E	C-11686	MARTIN	W	KC	NR	NR	NR
ESTEP FIELD							
TEXACO 21-34S 6E	C-13509	C.W. ESTEP	P	STAL	1802	16	41.0
ESTEP WEST FIELD							
CLYDE M. BECKER 19,20,29,30-34S 6E	C-16839	ESTEP W. CHAT UNIT	W	MISS	3100	16	40.0
ESTES FIELD							
TEXACO 1-32S 6E 6-32S 7E 31-31S 7E	C-7841	G.O. BROOKS	P	COT GR	2136	12	38.2
FOX-BUSH-COUCH FIELD							
AM PETROFINA TEXAS 12-30S05E	C-4611	HOWARD "B"		BARTL	NR	NR	NR
EAGLEHEAD OIL 13-30S05E	CR10791	COUCH		BARTL	2804	62	NR
PERKINS OIL 13-30S05E	CR10803	WAKEFIELD	D	BARTL	NR	NR	NR
FRA-MAR FIELD							
CARL H. ALLAM 22-30S4E	C-13624	FEASTER		BARTL	NR	NR	NR

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1977	U	PROD	0	0	0	NR	10	1	14.1	128	0	0	65	C-18533
1971	U	PROD	1	0	78.1	1822	3	1	10.3	202	6.2	11.3		C-16632
1960	U	PROD & STAL	2	0	49.3	291	4	0	1.7	813	1.7	813		C-8007
1972	U	PROD	1	0	50.0	NR	1	0	1.0	NR	NR	NR		C-16403
1978	U	PROD	1	0	110	NR	1	0	1.2	2.0	NR	NR		CR-5781
1978	T	PROD	1		279	623	9	0	25.7	91.2	0	0		CR-1786
1965	U	PROD	1	0	85.7	NR	2	0	1.1	244	0	0		C-11853
NR	U	PROD	2	0	3.2	NR	2	0	1.4	NR	NR	NR		C-11686
NR	U	PROD	1	0	54.1	518	1	0	2.9	140	3.3	107		C-13509
1973	T	PROD & LAY	4	0	198	637	10	0	16.4	137	1.5	1.5		C-16839
1961	U	PROD	1	0	196	616	1	0	1.0	14.5	0	0		C-7841
NR	N	NR	1	0	211	211	2	0	2.4	204	2.4	2.4		C-4611
1979	U	PROD	2	0	383	575	5	1	12.3	23.1	10.0	15.0		CR10791
1980	U	PROD	1	1	42.0	42.0	2	2	2.7	2.7	0	0		CR10803
NR	N	NR	1	0	3.7	NR	1	0	0.3	NR	0	NR		C-13624

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
COWLEY COUNTY							
FROG HOLLOW FIELD							
KEITH D. LEAKE 15,21-32S 5E	C-18180	BLOOMFIELD	W	BARTL	3124	25	41.0
PHILLIPS PETROLEUM 17-32S 5E	C-7136	LENA	W	BARTL	3035	25	41.0
FROG HOLLOW EAST FIELD							
KEITH D. LEAKE 11,12,14,15-32S 5E	C-14320	EAST FROG HOLLOW UNIT		BARTL	3000	13	38.0
GEUDA SPRINGS FIELD							
EARL F. WAKEFIELD 32-33S 3E	C-3549	HOWER	D	BARTL	3300	34	39.0
PETROLEUM MANAGEMENT 8-34S 3E	CR12785	FAIR	D	MISS	3337	18	NR
PRES-LO INC 20-34S 3E	CR-4781	BOOTON	P	BARTL	3380	20	37.0
GIBSON FIELD							
ALADDIN PETROLEUM 32-34S03E	C-7357	BAIRD & DENNAN		BARTL	NR	NR	NR
MCNEISH OIL OPER 29-34S 3E	C-4538	WILSON	W	BARTL	3380	18	34.0
GRAHAM FIELD							
BERGER OIL 10-33S 3E	C-15017	NIXON	W	MISS	3241	10	41.0
CREST PETROLEUM 10,15-33S 3E	C-13495	BRADBURY MILLER WRIGHT "	W	MISS	3255	30	41.0
CREST PETROLEUM 2-33S 3E	C-16280	NELSON		MISS	3268	30	40.0
CREST PETROLEUM 1,2-33S 3E	C-15536	CREST GRAHAM UNIT	W	MISS	3233	26	40.0
CREST PETROLEUM 10-33S 3E	C-16692	WRIGHT B	P	MISS	3251	16	41.0
EARL F. WAKEFIELD 11-33S 3E	C-8938	BOYLES	P	BARTL	3275	15	40.0
TEXACO 7-33S 4E	CR-9799	SCHUL	W	MISS	3234	50	38.2
GROUSE CREEK FIELD							
EAGLEHEAD OIL 16-30S07E	CR-4804	WHITEMAN-DAVIS	D	MISS	2850	12	NR
HARVEY FIELD							
AYLWARD DRILLING 14-24S 3E	C-14142	FUSSELL WF	P	LKC	2839	6	37.0
AYLWARD DRILLING 28-34S 3E	C-4843	HARVEY UNIT	D	BARTL	3278	20	37.0
MCNEISH OIL OPER 15-34S 3E	C-4536	SNYDER	W	BARTL	3270	18	36.0
HIGBY FIELD							
LANDERS & MUSGROVE 31-34S 6E	C-16022	HIGBY -WOODS	P	MISS	3140	20	39.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1976	U	PROD	1	0	60.0	NR	3	0	2.2	NR	NR	NR		C-18180
1959	U	PROD	1	0	80.8	1210	3	0	1.2	135	1.2	NR		C-7136
1968	U	PROD	1	0	50.0	NR	5	0	2.8	NR	NR	NR		C-14320
1954		PROD	1	0	146	3499	1	0	1.0	73.7	0.5	36.8		C-3549
1979	T	PROD	1	0	13.8	27.3	1	0	2.0	135	0	1.9		CR12785
1978	T	PROD	1	0	47.7	103	2	0	1.8	4.1	0	0		CR-4781
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	66	C-7357
1959	U	PROD	1	0	0.4	1396	1	0	1.1	109	NR	NR		C-4538
1969	U	PROD & LAY	1	0	18.2	174	3	0	6.3	103	6.3	103		C-15017
1967	T	PROD & STAL	5	0	105	2014	10	0	9.7	222	NR	NR		C-13495
1971	T	PROD	1	0	33.5	337	4	0	4.0	47.0	0	0		C-16280
1970	T	PROD & STAL	6	0	157	1986	16	0	19.5	208	NR	NR		C-15536
1972	T	PROD	1	0	4.0	32.7	1	0	7.4	37.2	0	0		C-16692
1961	U	PROD	1	0	87.6	1942	4	0	1.6	132	0.4	33.1		C-8938
1979	U	PROD	1	0	7.3	12.8	1	0	5.7	37.6	0	0		CR-9799
1980	U	PROD	1	0	10.9	10.9	2	0	1.6	3.2	0.6	0.6		CR-4804
1968	T	PROD	1	0	44.2	401	3	0	4.8	157	4.8	45.1		C-14142
1961	T	PROD	1	0	33.4	393	1	0	0.8	51.6	0.8	50.9		C-4843
1955	M	PROD & FR	1	0	3.6	139	2	0	1.9	160	NR	NR		C-4536
1959	U	PROD	1	0	81.0	754	1	0	2.1	54	1.5	19		C-16022

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
COWLEY COUNTY							
HIGBY FIELD							
WATSON OIL 30-34S06E	CR-4771	BAIRD	D	MISS	3100	12	38.0
LARCOM FIELD							
DAWSON-MARKWELL & OI 4-34S04E	C-11742	DUNBAR-MCFARLAND	P	LAY	2300	6	38.0
LFJ FIELD							
RANGE OIL 33-22S 5E	C-18569	JARVIS B	P	MISS	3129	15	36.0
MADDIX NORTH FIELD							
GODSEY-EARLOUGHER 1,2,12,14-33S05E	C-14558	MADDIX NORTH UNIT	P	MISS	NR	NR	NR
MADDIX WEST FIELD							
RANGE OIL 15-33S 5E	CR-3791	COFFMAN	P	MISS	3110	20	39.0
MC KAY FIELD							
W.J. LAMBERTON 6,7,8-35S 4E	C-6722	MC KAY	W	BARTL	3300	25	40.0
MURPHY FIELD							
STELBAR OIL 30,31-34S 3E	C-17596	JONES	W	BARTL	3395	20	40.0
NIGGER CREEK FIELD							
TEMPLE & ROARK 22-34S03E	CR-7771	MORGAN LSE		BARTL	NR	NR	NR
OTTO FIELD							
WALNUT VALLEY OIL 24-34S 6E	CR11784	MEADE	W	LAY	NR	NR	NR
POSEY FIELD							
MEYER MORAN REVOCABL 21-33S 4E	C-10928	MURET	D	MISS	3150	10	40.0
RAHN FIELD							
LANDERS & MUSGROVE 12,13-34S 5E	C-2844	RAHN	D	BARTL	2900	22	38.0
RANCE ARNOLD 13-34S 5E	C-3427	J. RAHN	D	BARTL	2900	20	36.0
W.D. SHORT 32-33S 6E	C-3386	RAHN UNIT I	W	BARTL	2800	15	40.0
RAINBOW BEND FIELD							
MCNEISH OIL OPER 19-33S 3E	C-7468	RAINBOW BEND WEST	W	BARTL	3180	12	40.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1977	U	PROD	1	0	9.1	NR	1	0	1.8	NR	0	NR		CR-4771
1964	U	PROD	1	0	54.8	NR	1	0	2.6	51.3	NR	NR	67	C-11742
1976	U	PROD	1	0	15.5	39.4	2	1	4.2	18.1	2.5	8.0		C-18569
NR	U	PROD	4	0	459	4723	18	0	32.5	1161	30.6	354		C-14558
1979	T	PROD	1	0	86.9	138	4	0	5.6	31.8	0	0		CR-3791
1959	M	PROD & FR	11	0	380	NR	11	0	6.9	NR	6.9	NR		C-6722 C-5238
1974	U	PROD & STAL	6	1	729	3050	10	0	17.3	NR	17.3	79.1		C-17596
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		CR-7771
1978	U	PROD	1	0	246	309	2	0	3.8	18.5	0	0		CR11784
1964	U	PROD & STAL	1	0	91.2	1237	3	0	4.2	112	NR	NR		C-10928
1952	U	PROD	3	0	149	3173	4	0	4.1	778	0	0		C-2844
1952	U	PROD & ELGI	1	0	87.4	NR	1	0	2.2	NR	2.2	NR		C-3427
1945	U	PROD	2	0	290	1786	15	0	25.5	1335	25.5	1335		C-3386
1960	M	PROD & FR	2	0	35.0	3996	4	0	1.5	244	NR	NR		C-7468

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
COWLEY COUNTY							
RAINBOW BEND FIELD							
MEAD PRODUCTION 16-33S 3E	C-9696	HUNT UNIT	D	BARTL	3200	20	41.0
S & G OIL 16,21-33S 3E	C-2918	J.U. HUNT		BARTL	3200	25	40.0
W.D. SHORT 17,20-33S 3E	C-2999	WEST RAINBOW BEND	W	BARTL	3240	18	41.0
ROCK FIELD							
STELBAR OIL 11,14,15,16-30S 4E	C-3085	ROCK UNIT	W	CATTLE	2750	20	38.0
STELBAR OIL 2,3,9,10-30S 4E	C-12366	ROCK NORTH	W	CATTLE	2800	20	39.0
STEVE COWAN 11-30S 4E	C-15895	ROCK UNIT 1	D	BARTL	2705	40	40.0
SCHOOL CK. NO. FIELD							
TEMPLE & ROARK 2-32S07E	C-17738	ROGERS		LAY	NR	NR	NR
SCHOOL CREEK FIELD							
PETROLEUM ENTERPRISE 3-32S 7E	C-6985	BARGER	P	LAY	2021	15	38.0
PETROLEUM ENTERPRISE 10,11-32S 7E	C-6951	BEAMER-MILLER-DAVIS	P	LAY	2140	30	39.0
SHANNON FIELD							
LEWIS OPERATION 23,24,25,26,27-31S5E 35-31S5E	C-9056	SHANNON UNIT	P	LAY	NR	NR	NR
SLICK-CARSON FIELD							
W.D. SHORT 19-32S 3E	C-17416	SLICK-CARLSON	W	LAY	2600	30	38.0
SMITH FIELD							
BRUNSON-SPINES 10,15-31S 3E	C-12927	SMITH WF	W	BARTL	3000	16	37.0
STAYTON SOUTH FIELD							
S.J. ROARK 5-35S 4E	C-8457	HUSTED	D	BARTL	3200	NR	34.0
TREES FIELD							
JAMES A. COOK 19,30-30S 4E	C-10811	TREES WF	W	BARTL	NR	NR	NR
TURNER NORTH FIELD							
EAGLEHEAD OIL 18,19,20-32S06E	CR-6801	BRISCO	D	MISS	NR	NR	NR
HAMMER & MACLEAN 18-32S 6E	C-17207	HAMMER	D	BARTL	2800	75	36.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1952	T	PROD	1	0	64.0	2455	2	0	2.3	322	2.3	322		C-9696 C-3239
1957	U	PROD	1	0	273	5682	1	0	5.5	371	2.7	186		C-2918 C-6330
1952	U	PROD	1	0	365	49482	10	0	11.3	2559	11.3	2559		C-2999
1951	T	PROD & STAL	7	0	603	29711	9	1	21.6	1334	21.6	1334		C-3085
1966	T	PROD & STAL	7	0	1384	16628	15	0	45.1	1645	45.1	1645		C-12366
NR	U	PROD	1	0	4.0	NR	1	0	0.9	NR	0	NR		C-15895
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		C-17738
NR	T	PROD	4	0	199	NR	8	0	7.3	NR	4.8	NR		C-6985
1963	T	PROD	3	0	714	NR	15	0	8.1	NR	5.4	NR		C-6951
NR	U	PROD	7	0	1197	29645	19	0	37.6	6028	NR	NR		C-9056
1959	U	PROD	1		219	4708	4	0	3.1	NR	3.1	NR		C-17416
1966	U	PROD & STAL	4	0	736	8989	8	0	17.9	568	NR	NR		C-12927
NR	U	NR	1	0	14.6	NR	3	0	0.8	NR	NR	NR		C-8457
NR	U	PROD	1	0	146	NR	3	0	4.5	NR	NR	NR		C-10811
NR	U	PROD	1	0	150	150	3	2	6.1	6.3	0	NR		CR-6801
1975		NR	2	0	128	606	8	0	18.2	104	18.2	104		C-17207

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
COWLEY COUNTY							
WALDSCHMIDT FIELD							
CREST PETROLEUM 7,8-34S 6E	C-16946	WALDSCHMIDT RAHN	P	MISS	3065	20	38.0
LANDERS & MUSGROVE 17-34S 6E	C-18305	WALDSCHMIDT	D	MISS	3050	14	39.0
WERNER FIELD							
E.T. LINDSAY ESTATE 30-32S6E	C-8340	FEASTER UNIT	P	LAY	2700	10	36.0
WILMOT-FLORAL FIELD							
DAWSON-MARKWELL EXPL 17,20-31S 5E	C-15713	NORA KING UNIT	W	BARTL	2884	12	40.8
DAWSON-MARKWELL EXPL 33-30S 5E	C-18069	NORTH WINFIELD LAKE	P	MISS	2910	20	29.0
J & L OIL 27-30S04E	C-15369	JOHNSON		BARTL	NR	NR	NR
WINFIELD FIELD							
EARL F. WAKEFIELD 26-32S 4E	C-9975	B.G. THIRSK	D	BARTL	2900	7	38.0
GULF 4-24S 4E	C-1857	M. SHANNON	D	BARTL	NR	NR	41.0
H.H. BLAIR OIL 25-32S 4E	C-8785	LORTON	W	BARTL	2900	14	37.0
KARL O. MAGNUSSON 24-32S04E	C-17824	DETMER	D	BARTL	NR	NR	NR
*SEE ALSO BUTLER-COWLEY							
CRAWFORD COUNTY							
FARLINGTON FIELD							
G.N. BABCOCK 3-28S23E	C-14980	GRANNEMAN	W	PERU	185	20	30.0
KLI PETROLEUM 4-28S23E	C-18552	RUSSELL BABER	P	BARTL	179	81	28.0
WALTER DUCAN OIL 2-28S23E	C-11453	BURGE	W	PERU	175	20	31.8
WEL-KAN OIL 2-28S23E	C-9856	HOLTMAN	W	PERU	162	20	31.5
HEPLER FIELD							
KLI PETROLEUM 30-27S22E	C-18553	ALBERT ELMER	W	BARTL	601	15	25.8
MC CUNE FIELD							
DOYLE LARGENT 33-30S22E	CR97917	MC CUNE UNIT	W	BARTL	250	20	30.0
KLI PETROLEUM 7-31S22E	C-17959	SAMPLE		BARTL	202	11	29.0
RALPH H. BAUMAN 30,31-30S22E	CR-7792	BENNETT UNIT	W	BARTL	250	28	32.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1973	T	PROD	1	0	3.0	19.6	7	0	7.5	76.8	NR	NR		C-16946
1976	U	PROD & MISS	1	0	23.5	117	1	0	1.9	9.7	0	0		C-18305
1970	U	PROD	1	0	4.0	NR	5	0	3.7	NR	0	0		C-8340
1970	T	PROD & MISS	3	0	65.0	755	2	1	3.4	100	3.4	4.9		C-15713
1977	T	PROD	2	0	37.0	146	4	0	5.4	16.5	0	0		C-18069
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		C-15369
1963	T	PROD	1	0	42.0	963	5	0	1.4	75.5	0.4	18.9		C-9975
1948	U	PROD	1	0	2.6	777	3	0	5.3	771	5.3	771		C-1857
NR	U	PROD	0	0	0	NR	5	0	2.5	NR	0	NR		C-8785
NR	U	PROD	0	0	0	NR	1	0	1.2	NR	0	NR		C-17824
1967	M	PROD & FR	5	0	20.0	30.0	22	0	1.1	12.0	0.3	2.6		C-14980
1976	M	PROD & MISS	5	0	0.1	NR	5	0	0	NR	0	NR		C-18552
1965	M	PROD & MISS	22	0	85.2	1926	30	0	3.0	143	3.0	143		C-11453
1962		PROD & BURG	18	0	97.0	1751	25	0	3.7	158	0	0		C-9856
1976	U	PROD & MISS	9	0	16.5	NR	25	6	2.2	NR	NR	NR		C-18553
1980	F	PROD	3	1	2.0	2.0	76	0	1.8	1.8	NR	NR		CR97917
1958	M	PROD & ARB	11	0	51.0	NR	16	0	0.7	NR	NR	NR		C-17959
NR	F	PROD & ARB	0	0	0	NR	0	0	0	NR	0	NR	68	CR-7792

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
CRAWFORD COUNTY							
ST. PAUL-WALNUT FIELD							
KLI PETROLEUM 28,29-28S22E	C-4926	MCCLINTICK	P	BARTL	370	NR	NR
WALNUT FIELD							
L & L OIL 4-28S22E 33-27S22E	CR12775	BRODBECK	W	TUCK	NR	NR	NR
WALNUT SOUTHEAST FIELD							
L & L OIL 27-28S22E	C-7487	WINTJEN	D	BARTL	385	12	32.0
STEPHENS OIL 27,28-28S22E	C-3105	WALNUT WF	W	BARTL	370	12	28.0
DECATUR COUNTY							
ADELL NORTHWEST FIELD							
CONOCO 26,27,34,35- 5S27W	C-15099	ADELL NW	W	LANS	3703	23	34.7
ALTORY FIELD							
RAYMOND OIL 34- 3S27W	C-15829	STEFFEN	W	LKC	3520	32	34.0
BLEES FIELD							
A.L. ABERCROMBIE 5,8- 1S26W	C-17018	BLEES	D	LKC	3250	10	32.0
DECATUR CENTER FIELD							
HALLIBURTON OIL 16,21- 3S28W	C-10845	DECATUR CENTER UNIT	W	LKC	3744	30	36.0
GILLESPIE SE FIELD							
MURFIN DRILLING 14-03S27W	CR97913	ELVIN	W	LKC	3645	10	33.0
JENNINGS FIELD							
TEXACO 25- 4S27W	C-8190	JENNINGS UNIT	W	HOW&LAN	3500	9	37.0
OLIVE FIELD							
JOHN O. FARMER 12,14- 2S28W	C-17441	OLIVE WATERFLOOD	P	LKC	3468	5	37.0
PADDOCK FIELD							
DONALD C. SLAWSON 28,29,32,33- 2S28W	C-16181	PADDOCK UNIT	W	LKC	3600	4	35.5
PETRACEK FIELD							
OKMAR OIL 4,9- 4S27W	C-17588	PETRACEK	W	LKC	3559	15	34.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
NR		PROD	7	0	20.4	NR	23	2	0.8	NR	NR	NR		C-4926
NR	U	PROD	0	0	0	NR	9	3	1.9	NR	0	NR		CR12775
NR	U	PROD	2	0	0.1	NR	4	0	0.2	NR	0.2	NR		C-7487
1959	M	PROD & ARB	59	0	131	3613	43	0	4.0	239	4.0	239		C-3105
1970	U	PROD & CEDH	4	NR	779	8355	8	NR	40.9	693	40.9	620		C-15099
1971	U	PROD	1	0	102	914	2	0	3.1	54.6	0	NR		C-15829
1973	U	PROD & CEDH	2	0	0	704	7	0	14.8	177	0	0		C-17018
1964	T	PROD & CEDH	3	0	257	2614	5	0	14.3	661	14.3	175		C-10845
1979	T	PROD	1	0	14.4	18.6	2	0	23.6	66.6	NR	NR		CR97913
1961	U	PROD & CEDH	2	0	365	8788	13	0	29.6	772	29.6	555		C-8190
1974	U	PROD & CEDH	1	0	127	769	4	0	12.8	385	12.8	150		C-17441
1971	T	PROD & CHEY	5	0	434	2889	7	0	18.7	498	18.7	212		C-16181
1974	U	PROD & TOR	1	0	52.9	257	3	0	5.6	186	3.6	14.6		C-17588

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
DECATUR COUNTY							
POLLNOW FIELD							
MULTISTATE OIL PROP. 5,6- 3S29W 36- 2S30W	C-14949	AMANDA-POLLNOW UNIT	P	KC	3750	4	35.0
ROCKET-SCHUSTERMAN 3,4,5,8,9- 3S29W	C-7653	POLLNOW UNIT	W	LANS	3740	4	38.0
UNG FIELD							
HALLIBURTON OIL 14,23- 2S30W	C-15013	JORDING A	P	LKC	3847	25	34.0
VAVROCH FIELD							
HALLIBURTON OIL 33- 3S28W 4- 4S28W	C-13755	VAVROCH	W	LKC	3808	25	36.0
WARNER FIELD							
CITCO 1,2,11,12- 1S27W	C-12401	WARNER UNIT	W	LKC	3226	12	34.0
DOUGLAS COUNTY							
BALDWIN FIELD							
JAMES E. RUSSELL 1,2,6-15S20E	C-12705	BALDWIN UNIT	W	SQUIR	800	18	26.0
REESE EXPLORATION 13-15S20E	CR12784	MADL	W	SQUIR	700	14	28.0
ROGER VICTORINO 36-14S20E 1,2-15S20E 6-15S21E	C-13952	VERNON CROAN		SQUIR	NR	NR	NR
RUSSELL HAYS 9-15S20E	C-6934	SMITH-DANLEY	D	SQUIR	820	10	27.0
DOUGLAS-FRANKLIN COUNTIES							
BALDWIN FIELD							
LAYTON OIL 11,14,23,24-15S20E	C-8295	BALDWIN FLOOD	W	SQUIR	820	24	26.0
EDWARDS COUNTY							
ENLOW FIELD							
MESSMAN-RINEHART OIL 4-24S16W	C-6178	HAHN A	D	LKC	3740	6	31.0
ELK COUNTY							
BUSH-DENTON FIELD							
PERKINS OIL 9,10,17-30S 9E	C-16219	KAISER	D	MISS	2375	29	37.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1969	U	PROD	1	0	4.0	NR	3	0	3.0	NR	3.0	NR		C-14949
1960	T	PROD & DAK	2	0	442	5845	6	0	11.0	864	11.0	438		C-7653
1970	T	PROD	1	0	21.0	176	4	0	7.6	224	0	0		C-15013
1968	T	PROD & CEDH	3	0	471	5298	3	0	24.1	1443	24.1	336		C-13755
1966	T	PROD & CHEY	7	NR	347	5997	10	1	17.6	945	17.6	428		C-12401
1966	T	ARB	8	0	78.7	256	12	0	3.0	30.0	3.0	4.3		C-12705
NR	M	PROD&FRESH	1	0	15.0	NR	8	0	1.7	NR	0.2	NR		CR12784
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		C-13952
1959	U	PROD	1	0	4.0	103	2	0	1.3	16.2	1.3	NR		C-6934
1964	F	FR	29	2	283	7726	37	3	43.0	514	43.0	514		C-8295
1958	U	PROD	1	0	7.0	1316	1	0	1.5	200	1.5	200		C-6178
1955	T	PROD	10	0	1504	NR	37	2	26.5	NR	15.0	NR	C-15543	C-16219 C-5118

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
ELK COUNTY							
BUSH-DENTON FIELD							
PERKINS OIL 34-29S 9E	C-16218	CRIGER	D	MISS	2289	52	36.0
PERKINS OIL 16-30S09E	CR-4805	MKO RANCH	D	MISS	NR	NR	NR
R.R. DURBIN 21,22-29S 9E	C-18748	SMITH	W	MISS	2270	6	32.0
COLLYER FIELD							
PETROLEUM ENTERPRISE 30-30S11E	CR-9794	COLYER-PICKELL		OSWEGO	1580	12	33.5
DORY FIELD							
EAGLEHEAD OIL 17,18,19-30S 9E	CR-2782	CORY		MISS	NR	NR	NR
DUNKLEBERGER FIELD							
DENTON OIL 33,34-29S10E	C-2730	DUNKLEBERGER UNIT	W	REDD	1350	25	33.0
GRAND SUMMIT FIELD							
PETROLEUM ENTERPRISE 3,4-31S 8E	C-18027	DENTON-FERGUSON	P	MISS	1927	20	32.0
HALE-INGE FIELD							
TRAVERSE INGE 1974 L 26,27-31S12E 33,34,35-31S12E 35-31S12E	C-15710	INGE WATERFLOOD	W	STRAY	695	14	32.0
KEY FIELD							
ELLA MAE DURBIN 24-31S10E	CR-2783	MORGAN		ARB	2315	84	27.7
LOGSDEN FIELD							
KEENY-LANDES 16-31S09E	CR4782	REEVES ISE		MISS	NR	NR	NR
PETROLEUM ENTERPRISE 16,17-31S 9E	CR-8773	DEAN	W	MISS	NR	NR	NR
MOLINE FIELD							
W. G. BUMGARNER 9,10-31S1CE	C-10390	EYMAN		MISS	NR	NR	NR
NEW ALBANY FIELD							
WRIGHT ENERGY 33,34-28S13E	C-9743	PICKELL		NEW ALB	NR	NR	NR
PRESTON FIELD							
CRIGER OIL 12-30S09E	C-11877	ELLIOTT		MISS	NR	NR	NR

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1971	T	PROD	2	0	48.5	469	2	1	1.6	NR	1.6	NR		C-16218
1980	U	PROD	2	0	365	365	10	1	8.1	8.1	3.0	3.0		CR-4805
1977	T	PROD	1	0	201	618	2	0	1.8	7.2	0	0		C-18748
1979	T	OSWE+KC	1	0	98.6	98.6	5	0	3.9	3.9	1.0	1.0		CR-9794
1978	U	PROD	2	0	256	NR	4	0	2.9	NR	2.9	NR		CR-2782
1946	U	PROD	6	0	91.0	NR	12	0	3.7	NR	3.7	NR		C-2730
1975	T	PROD	2	1	126	NR	6	0	5.7	NR	2.8	NR		C-18027
1967	M	PRCD&SLTSD	0	0	0	NR	5	0	4.6	68.9	4.6	68.9	69	C-15710
1978	T	PROD	2	0	329	438	2	0	2.5	11.8	0	0		CR-2783
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		CR4782
1976	U	PROD	1	0	50.0	NR	1	0	0.8	NR	0.1	0		CR-8773
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	70	C-10390
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	71	C-9743
NR	N	PROD	0	0	0	NR	NR	0	2.1	NR	0	0	72	C-11877

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
ELK COUNTY							
SCHRADER FIELD							
A. DALE ARBUCKLE 12-31S 8E	C-2789	NEUBECKER	D	KC	1650	30	34.0
ALADDIN PETROLEUM 12-31S 8E	C-11214	SHRADER	P	KC	1650	40	34.0
THOMAS FIELD							
R.R. DURBIN 12-29S12E	C-12173	COUNTRYMAN	P	BJRG	1630	20	22.0
R.R. DURBIN 12-29S12E	C-7555	THOMAS	P	BURG	1630	20	21.4
WALKER FIELD							
PATTESON-SHEEL 5-31S10E	CR-2786	WALKER	W	KC	1600	6	34.5
WEBB FIELD							
PETROLEUM ENTERPRISE 26-30S 8E	C-16500	SLEEPER	D	MISS	2517	15	34.7
TOMLINSON OIL 13-31S10E	C-17042	DURBIN	D	MISS	1937	10	31.5
TOMLINSON OIL CO. 14-31S10E	CR-2807	WEBB 5A	P	MISS	1948	4	31.7
*SEE ALSO CHAUTAUQUA-ELK							
ELLIS COUNTY							
AIR BASE FIELD							
AM PETROFINA TEXAS 27-13S16W	C-10613	AIR BASE	W	GORHAM	3460	15	33.7
AIR BASE EAST FIELD							
HINKLE OIL 25-13S16W	C-16340	BRUNGARDT A	W	LKC	3400	15	40.0
ANTONINO SOUTH FIELD							
ENERGY SOURCES 26,35-14S19W	C-17737	ANTONINO SOUTH	W	LKC	NR	NR	38.0
ANTONIO SOUTHWEST FIELD							
MURFIN DRILLING 35-14S19W	C-17768	FEITZ WF	W	LKC	3592	160	38.0
BEECHING FIELD							
SOUTHERN STATES OIL 34,35-15S16W	C-12629	BEECHING WF UNIT	W	LKC	3330	15	36.0
BEMIS SHUTTS FIELD							
CONOCO 3-11S18W	C-16660	WARREN MTGE INV	W	LANS	3322	10	30.3

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1966	U	PROD	1	0	60.0	NR	2	0	0	NR	0	0		C-2789
1957	T	PROD	3	0	7.3	2408	11	0	8.2	518	8.2			C-11214
1965	T	PROD	1	0	173	794	1	0	1.7	17.9	0	0		C-12173
NR	T	PROD	1	0	402	4145	5	2	3.2	44.9	0	0		C-7555
1978	U	PROD	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	73	CR-2786
1974	U	PROD	1	0	1.9	NR	1	0	0.2	NR	0.2	0.2	74	C-16500
1973	U	PROD	1	0	19.8	73.8	9	0	5.6	12.1	5.6	12.1		C-17042
NR	T	PROD	0	0	0	0	0	0	0	0	0	0	75	CR-2807
1967	T	PROD	1	0	170	2353	5	0	5.8	273	3.2	91.4		C-10613
1970	T	PROD & ARB	1	0	37.2	478	4	0	10.1	781	6.5	170		C-16340
1973	T	PROD	1	0	196	1310	9	0	13.9	227	NR	NR		C-17737
1975	T	PROD & DAK	1	0	57.3	312.7	3	0	4.2	NR	4.2	NR		C-17768
1966	U	PROD	1	0	44.5	1190	2	0	4.5	49.0	4.5	49.0		C-12629
1972	U	PROD	1	NR	241	4010	8	NR	25.8	490	25.8	309		C-16660

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
ELLIS COUNTY							
BEMIS SHUTTS FIELD							
FELL & WOLFE OIL 13-11S17W	C-11239	PEARL CRESS	D	LKC	3068	12	31.5
F.W. MALLONEE 2,3-12S17W	C-7923	WINDHOLZ	W	ARB	3600	50	30.1
LARIO OIL & GAS 22-11S18W	C-12788	HENDERSON E	P	ARB	3520	NR	28.0
LARIO OIL & GAS 22-11S18W	C-12116	HENDERSON E	P	TOP&LKC	3100	NR	28.0
OKMAR OIL 23-11S18W	C-12976	LYNN-HENDERSON	W	LKC	3350	5	33.0
PETROLEUM INC 22,27-12S18W	C-14315	BEMIS SHUTTS LKC UT	W	LKC	3404	7	29.6
SHADE AND BERRY 15-11S18W	C-12769	HENDERSON	D	LKC	3132	10	35.0
SIERRA PETROLEUM 18-12S17W	C-11621	SCHMEIDLER E	D	LKC	3340	224	29.9
SOHIO NAT RESOURCES 4-12S17W	C-15294	BEMIS I	W	ARB	3560	NR	31.3
SUN OIL 7-11S17W 12,13-11S18W	C-16348	BEMIS CO-OP WF	W	TOP&LKC	2794	NR	NR
TENNECO 21-11S18W	C-15856	WASINGER	W	LAN&TOP	3320	34	37.5
BEMIS-SHUTTS FIELD							
TRUMART OIL 15-11S18W	C-8552	CPDYKE "A"	P	LKC	NR	NR	NR
BLUE HILL FIELD							
OKMAR OIL 11,14-12S16W	C-18522	SMITH-OSWALD COOP		LKC	NR	NR	NR
CATHERINE FIELD							
GULF 10,11-13S17W	C-11933	CATHERINE UNIT	W	KC	3250	210	29.0
CATHERINE NORTHWEST FIELD							
ISIS OPERATING 4,9-13S17W	C-7733	WALTER UNIT		LKC	NR	NR	NR
TEXACO 4-13S17W	C-10619	M. WOLF A	P	TOR&LAN	3350	37	31.0
CATHERINE SOUTH FIELD							
STERLING DRILLING 14-13S17W	C-15300	CATHERINE SOUTH UNIT	P	LKC	3276	8	33.0
TEXACO 12,21,22-13S17W	C-10574	L.J. DREILING	P	ARB	3550	30	32.0
CHRISLER SOUTH FIELD							
OKMAR OIL 27,28-11S16W	C-17121	MADSON UNIT	W	LKC	3017	148	35.0
CROMB FIELD							
M.L. BROWN 15-11S20W	C-5605	ZACHMAN	P	LKC	3554	8	28.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1964	U	PROD	1	0	6.9	NR	2	0	0.4	NR	0.2	NR		C-11239
1960	T	PROD	1	0	82.1	1077	3	0	6.4	237	2.7	108	76	C-7923
1966	U	PROD	1	0	906	19334	1	0	2.6	113	0	0		C-12788
1965		PROD	0	0	0	208	3	0	7.9	196	0	96.9		C-12116
1966	U	PROD	1	0	975	4266	6	0	5.5	961	1.7	43.9		C-12976
1968	T	PROD	2	0	163	1840	5	0	6.6	350	6.6	123		C-14315
1966	U	PROD	1	0	182	2141	3	0	1.9	64.1	1.9	64.1		C-12769
1965	T	PROD	1	0	46.6	976	4	0	6.0	NR	NR	NR		C-11621
1969	T	PROD	0	0	0	444	3	0	14.9	221	0	22.6	77	C-15294
1972	T	PROD & ARB	5	0	575	6179	16	0	103	870	103	870		C-16348 C-16347 C-16346 C-16345
1963	T	PROD	3	0	310	6398	9	0	24.4	2022	9.5	9.5		C-15856 C-10120
NR	U	PROD	0	0	0	0	4	0	0	0	0	0	78	C-8552
NR		NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	79	C-18522
1966	U	PROD	0	0	0	530	9	0	14.3	1558	0	NR		C-11933
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		C-7733
1964	U	PROD	1	0	87.6	1969	1	0	1.4	116	0	0		C-10619
1970	U	PROD & OAK	1	0	48.5	629	4	0	2.4	77.0	2.4	65.2		C-15300
1964	U	PROD	1	0	730	9406	7	0	19.2	724	0	0		C-10574
NR	U	PROD	2	0	76.7	2340	2	0	2.2	26.2	2.2	9.7		C-17121
1957	T	PROD	2	0	351	3326	4	0	7.9	253	7.9	124		C-5605

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
ELLIS COUNTY							
DECHANT FIELD							
SOUTHERN STATES OIL 6-15S18W	C-13603	DECHANT	W	LKC	3300	5	39.0
DECHANT NORTHWEST FIELD							
AM PETROFINA TEXAS 1-15S19W	C-16276	WILSON	P	ARB	3646	7	28.7
DECHANT WEST FIELD							
THORNTON E. ANDERSON 1-15S19W	C-16262	PFANNENSTIEL SWDS	D	ARB	3700	300	30.0
DINGES FIELD							
PALOMINO PETROLEUM 10-15S18W	C-17098	DINGES	D	LKC&ARB	3348	46	31.0
DREILING FIELD							
D OIL OPERATIONS 21-14S16W	C-15311	DREILING	D		NR	NR	NR
EAGLE CREEK FIELD							
VEEDER SUPPLY & DEV 2,10,11-11S20W	C-13073	EAGLE CREEK	W	TOR&LKC	3270	25	33.0
EMMERAM FIELD							
HILLENBURG OIL 4-13S16W	C-7142	FROLICH	D	LKC	3200	22	36.0
EMMERAN, NORTHEAST FIELD							
GULF 26,27,34-12S16W	C-11769	FROELICH E, F, & SITZ	D	KC	3270	4	34.0
FAIRPORT FIELD							
MULTISTATE OIL PROP. 36-12S16W	C-5267	WIELAND C	P	LKC&DOD	3900	90	35.0
MULTISTATE OIL PROP. 1-13S16W	C-10416	WIELAND B	P	LKC&DOD	3050	30	32.0
MULTISTATE OIL PROP. 1,12-13S16W	C-14251	SCHMITT A, B	P	LKC	3050	20	32.0
HERZOG FIELD							
PALOMINO PETROLEUM 32-13S16W	C-6890	BRAUN-DINKLE	D	LKC	3227	6	33.0
IRVIN FIELD							
TEXACO 35-13S20W	C-15930	J.A. ENGEL	P	ARB	3854	30	38.4
LEIKER SOUTHEAST FIELD							
AYLWARD DRILLING 14-15S18W	C-13651	WITT-GRAF	W	LANS	3450	10	35.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
NR	U	PROD	1	0	2.2	19.3	1	0	0.6	9.8	0.6	9.8		C-13603
1971	U	PROD	1	0	372	4837	3	0	4.2	309	2.2	123		C-16276
1971	U	PROD	1	0	340	2892	5	0	2.1	335	0	0		C-16262
1973	U	PROD	1	0	0	19.4	1	0	1.7	174	0	0		C-17098
NR	N	NR	1	0	0	0	5	1	7.0	NR	0	0	80	C-15311
1967	M	PROD & DAK	4	0	273	5869	6	0	6.6	173	6.6	173		C-13073
1959	U	PROD	1	0	4380	NR	2	0	2095	NR	0	NR		C-7142
1961	U	PROD	0	0	0	417	1	0	4.3	257	0	NR		C-11769 C-6605
1957	U	PROD	0	0	0	NR	10	1	19.2	NR	0	NR		C-5267
1963	U	PROD	0	0	0	NR	7	0	11.9	NR	0	NR		C-10416
1961	U	PROD	1	0	122	NR	2	0	4.2	NR	4.2	NR		C-14251 C-8741
1962	U	PROD	1	0	13.7	131	2	0	1.3	207	0	0		C-6890
1972	U	PROD	1	0	732	5872	2	0	11.0	212	0	0		C-15930
1967	U	PROD	2	0	245	3111	2	0	5.7	287	5.7	221		C-13651

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
ELLIS COUNTY							
LEIKER, EAST FIELD							
GULF 13-15S18W	C-13599	LEIKER-HERL	W	KC	3304	29	36.0
LIEB FIELD							
CHIEF DRILLING 16-11S16W	C-13428	CRAIG-LUNDY WF	W	LKC	3000	200	NR
LIEB EAST FIELD							
CHIEF DRILLING 16-11S16W	C-13535	LUNDY	W	LKC	NR	NR	35.8
MARVIN FIELD							
ENERGY RESERVES 15,22-13S18W	CR11783	F.BRAUN & M. BRAUN	W	LKC	3350	220	28.0
MEISTRELL FIELD							
PETROLEUM INC 9-11S18W	C-14316	MEISTRELL LKC UNIT	W	LKC	3262	8	34.6
MIXER FIELD							
MURFIN DRILLING 11- 7S20W	C-13093	MIXER REPRESS PROJ	P	LKC	3372	19	34.0
NEDDAM FIELD							
SHADE AND BERRY 30-11S20W	C-18064	NEDDAM	D	LANS	3762	70	35.0
NICHOLSON FIELD							
CONOCO 30-11S20W	C-18056	NICHOLSON	W	LANS	3762	70	NR
PLEASANT FIELD							
DANE G. HANSEN TRUST 34-13S20W	C-17979	STORM	D	LKC&ARB	3499	250	40.0
MURFIN DRILLING 34-13S20W	C-17236	KINGSLEY	W	LKC	3523	35	38.0
REED OIL 35-13S20W	C-15916	STORM	D	SQUIR	3840	12	38.0
RAJEWSKI FIELD							
MELTZER OIL 28-15S17W	C-15850	RAJEWSKI	P	KC	3400	6	36.0
REED FIELD							
EARL TOM PYLE 32-12S17W	C-17684	STAAB		LKC	NR	NR	NR
RUDER FIELD							
GENE BROWN 08-15S18W	C-15955	RUDER C	P	LKC	NR	NR	NR

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1967	T	PROD	0	0	0	588	8	0	10.3	46.4	0	NR		C-13599
NR	M	DAK & CHEY	1	0	150	2141	2	0	2.0	23.8	0	0		C-13428
1967	U	PROD & DAK	1	0	123	1731	2	0	3.5	239	0	0		C-13535
1979	U	PROD	2	0	419	609	11	3	63.2	101	NR	NR		CR11783 CR-11781
1968	M	PROD & QUAT	1	0	131	1673	3	0	5.0	269	5.0	120		C-14316
1966	T	PROD & ARB	1	0	54.7	187	2	0	2.4	7.6	0	0		C-13093
1976	U	PROD	1	0	30.0	150	1	0	0.5	0.5	0.5	70.7		C-18064
1976	T	PROD	0	NR	0	759	6	NR	21.6	56.2	2.4	6.9		C-18056
1975	U	PROD	1	0	52	437	2	0	2.5	20.5	NR	NR		C-17979
1974	T	PROD	1	0	261	1484	4	0	11.6	142	0	0		C-17236
1974	T	PROD	1	0	82.1	747	2	0	2.5	449	2.5	449		C-15916
1968	U	PROD	1	0	43.4	NR	1	0	1.8	NR	NR	NR		C-15850
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	81	C-17684
NR	U	PROD	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	82	C-15955

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
ELLIS COUNTY							
RUDER FIELD							
GULF 8-15S18W	C-13426	J.A. SWIRES	W	LKC	3260	NR	33.9
SCHMEIDLER FIELD							
FRONTIER OIL 28-12S17W	C-16804	GIEBLER	P	LKC	3400	6	29.0
SCHOENCHAN FIELD							
OKMAR OIL 16-15S18W	C-14553	WOLF		LKC	NR	NR	32.0
SOLBURN FIELD							
NCRA 28-14S20W	C-13234	SOLOMON-BURNETT	W	LANS	3409	6	41.2
SOLOMON FIELD							
OKMAR OIL 10-11S19W	C-10846	ALBERT	W	LKC	3244	5	34.0
SUGARLOAF SOUTH FIELD							
OKMAR OIL 28-13S17W	C-13553	DREILING	W	LKC	3280	5	30.0
SUGARLOAF SOUTHEAST FIELD							
AM PETROFINA TEXAS 26-13S17W	C-16583	BRAUN B	P	ARB	3484	336	34.0
TOULON FIELD							
OKMAR OIL 16-14S17W	C-13544	DINKEL A	W	LKC	3250	5	33.0
OKMAR OIL 15-14S17W	C-9849	BRUNGARDT		KC	NR	NR	NR
PETRO-LEWIS 35-13S17W	C-15682	BRAUN	W	LKC	3335	12	33.0
R.P. NIXON OPERATIO 04-14S17W	CR-7795	PETE	D	LANS	3350	10	38.0
TURKVILLE FIELD							
PALOMINO PETROLEUM 11-11S17W	C-9229	MCCOMBS	D	LKC	3175	7	36.0
UBERT FIELD							
DREILING OIL 12-13S18W	C-16041	UBERT A	D	LKC	3349	60	NR
UBERT NORTHWEST FIELD							
EDMISTON OIL 36-12S18W	C-9694	SCHMIDT		LKC	NR	NR	36.0
GULF 1,2-13S18W	C-11815	CRISSMAN A & B	W	TOP&KC	3260	144	29.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1967	U	PROD	1	0	294	3381	2	0	4.2	64.9	4.2	64.9		C-13426
1972	U	PROD	1	0	36.5	299	3	0	4.1	46.7	1.4	13.6		C-16804
1981	U	PROD	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	83	C-14553
1970	M	PROD & DAK	3	0	223	2693	4	0	10.7	307	7.9	154		C-13234
1964	U	PROD & ARB	1	0	0	1014	6	0	17.3	NR	6.8	98.6		C-10846
1967	U	PROD & ARB	1	0	47.8	460	2	0	6.2	382	2.8	384		C-13553
1972	U	PROD	1	0	240	2067	4	0	8.7	692	2.9	138		C-16583
1960	U	PROD	1	0	287	1821	4	0	6.5	451	0	116		C-13544
NR		NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	84	C-9849
1967	M	PROD & FR	1	0	0.1	1.6	2	0	0	0	4.0	73	85	C-15682 C-13434
1980	T	PROD	1	0	44.7	44.7	2	0	6.0	26.4	6.0	6.0		CR-7795
1962	U	PROD	1	0	1.1	30.0	1	0	0.9	85.4	0.1	0.1		C-9229
1971	T	PROD	1	0	13.9	105	4	0	5.8	230	2.7	97.5		C-16041
1963	U	PROD	1	0	NR	NR	4	0	4.9	450	NR	NR		C-9694
1965	U	PROD	0	0	0	630	6	0	7.9	511	0	NR		C-11815

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
ELLIS COUNTY							
VICTORIA NORTH FIELD							
RICHARD L. MAI 7,8-14S16W	C-11068	SCHULTE	P	LKC	3214	6	35.0
R.P. NIXON OPERATION 08-14S16W	CR-6802	SCHIPPERS "B"	D	LKC	3228	NR	NR
WHEATLAND FIELD							
LYLE STROUP 18-15S17W	C-13470	LEIKER	W	LKC	3282	225	36.0
NCRA 30-15S17W	CR-6772	LEIKER	W	LANS	3293	17	36.0
WHEATLAND EAST FIELD							
LYLE STROUP 17,18-15S17W	C-15655	EAST WHEATLAND	W	LKC	3338	146	37.0
PETROLEUM MANAGEMENT 17,18-15S17W	C-15655	EAST WHEATLAND	W	LKC	3338	146	37.0
YOUNGER FIELD							
OKMAR OIL 32-13S17W	C-15425	HOFFMAN	W	LKC	3318	5	34.0
ELLIS-ROOKS COUNTIES							
KRUEGER FIELD							
CITCO 35,36-10S16W 1,2,3-11S16W	C-3145	KRUEGER UNIT	W	DOD&LKC	3225	4	37.0
ELLSWORTH COUNTY							
GENESEO-EDWARDS FIELD							
CITCO 16-17S 8W	C-16438	RATHBUN ARBUCKLE	D	ARB	3206	25	37.3
LORRAINE FIELD							
PETROLEUM INC 11,12-17S 9W	C-13631	LORRAINE UNIT	W	LKC	2870	10	35.1
STOLTENBERG FIELD							
JOHN JAY DARRAH JR 32,33-15S10W	C-18714	ZVOLANEK-VACEK	W	SIMP	3250	10	37.0
KRM PETROLEUM 6-16S10W	CR-3783	BARCLAY	D	ARB	3355	6	39.5
WILKINS FIELD							
GULF 18-17S9W	CR97912	M. MEHL	P	ARB	3261	18	35.0
WILSON CREEK FIELD							
A.J. GORSKI 21-14S10W	C-16302	VOPAT	P	LKC	2820	14	38.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1964	T	PROD	2	0	127	1340	5	1	4.5	114	0	0		C-11068
1980	T	PROD	1	0	0.6	0.6	1	0	15.4	15.4	1.2	1.2		CR-6802
1967	U	PROD	1	0	621	995	2	0	7.3	61.3	7.3	0	86	C-13470
1977	T	PROD	1	0	0	136	5	0	11.0	41.3	0	.05	87	CR-6772
1970	T	PROD	1	0	94.2	2928	6	0	8.0	814	8.0	340	88	C-15655
1970	T	PROD	5	0	391	3225	11	0	23.6	829	23.6	356		C-15655
1970	U	PROD	1	0	64.9	494	4	0	6.2	362	2.9	359		C-15425
1961	T	PROD & DAK	10	0	1459	25540	21	0	41.2	3537	41.2	1409		C-3145
1972	U	PROD	1	0	23.3	228	4	0	4.4	560	4.4	11.8		C-16438
1967	M	PROD & DAK	1	0	382	3990	4	1	10.9	424	10.9	186		C-13631
1962	T	PROD	3	0	20.0	60.0	4	0	11.1	59.1	11.1	59.1		C-18714 C-10057
1978	U	PROD	1	0	57.3	157	2	0	1.5	199	0	0		CR-3783
NR	U	PROD	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	89	CR97912
1971	U	PROD	2	0	104	537	12	0	13.6	180	7.0	38		C-16302

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
ELLSWORTH COUNTY							
WILSON CREEK FIELD							
L.G. STEPHENSON 20-14S10W	C-16499	PEKAREK	P	LANS	2820	20	37.5
L.G. STEPHENSON 16-14S10W	C-16442	SOUKUP	W	LANS	2800	20	37.5
L.G. STEPHENSON 19,20,29-14S10W	C-18315	BORELL	P	LANS	2820	20	37.4
L.G. STEPHENSON 16-14S10W	C-16708	K. VOPAT	P	LANS	2800	20	37.5
L.G. STEPHENSON 21-14S10W	C-16265	VOPAT D	P	LANS	2820	20	37.5
FINNEY COUNTY							
DAMME FIELD							
PALOMINO PETROLEUM 22-22S33W	C-13914	CLARK	D	MISS	4693	10	30.0
TEXACO 5-22S33W	C-16552	GARDEN CITY B	P	MARM	3412	NR	28.4
NUNN FIELD							
M.L. BROWN 23,26,27,34-31S34W	C-9779	NUNN	P	MARM	4276	9	30.0
PLEASANT PRAIRIE FIELD							
HELMERICH & PAYNE 17,18,19,20,29-26S34W 30,31,32,33-27S34W 4,5,6,8,9,16-27S34W	C-13423	PLEASANT PRAIRIE UNIT	P	MISS	5050	15	33.5
STEWART FIELD							
BEREN 12-23S31W	C-18492	HAAG-MACKEY		MORR	NR	NR	NR
FRANKLIN COUNTY							
BALDWIN FIELD							
LAYTON OIL 25-15S20E 30-15S21E	C-11721	WELLSVILLE PROJECT	W	SQUIR	750	18	26.0
PAOLA-RANTOUL FIELD							
ELTON R. GREER 3,4,10-16S21E	C-7526	WELLSVILLE FLOOD	W	SQUIR	700	30	28.0
JOHN T. CASADY OIL 31,32-15S21E	C-18352	WELLSVILLE	W	SQUIR	720	20	25.7
LAVELL CRAIG 20-16S21E	C-12728	HAYS	P	SQUIR	700	20	30.0
LAWRENCE O. TENK 17,18-18S21E	C-5419	FLOYD CARTER	W	SQUIR	600	17	27.0
LAYTON OIL 31,32-15S21E	C-11109	LELOUP AREA	W	SQUIR	720	20	25.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1972	U	PROD	1	0	157	995	4	0	16.5	363	0	0		C-16499
1972	U	PROD	1	0	23.5	274	2	0	1.6	67.7	0	0		C-16442
1969	U	PROD	7	2	409	2696	24	1	46.2	314	0	0		C-18315
1972	U	PROD	2	0	60.0	467	11	0	40.0	931	0	0		C-16708
1972	U	PROD	2	0	26.8	740	11	0	36.5	728	0	0		C-16265
1968	U	PROD	1	0	33.3	317	2	0	6.1	330	1.1	1.1		C-13914
1972	U	PROD	1	0	504	3386	9	0	62.4	1295	0	0		C-16552
1958	T	PROD	3	0	86.7	3436	17	0	30.9	3527	15.4	311		C-9779
1966	T	PROD & CGR	9	0	1188	12434	62	0	352	19961	NR	NR		C-13423
NR			0	0	0	0	0	0	0	0	0	0	90	C-18492
1970		PROD	1	0	69.4	543	3	0	0.6	10.9	0.6	10.9		C-11721
1959	T	PROD	15	0	101	10094	30	7	11.2	898	NR	NR		C-7526
1965	T	PROD & ARB	14	1	81.3	1750	52	3	15.4	NR	15.4	NR		C-18352 C-12165
1948	U	PROD	3	0	29.0	NR	3	1	0.5	NR	0.5	NR		C-12728
1957	T	PROD & MISS	8	0	11.7	538	38	7	10.0	NR	1.0	NR		C-5419
1965	U	PROD	1	0	0	31.2	10	0	2.0	25.9	2.0	25.9		C-11109

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
FRANKLIN COUNTY							
PAOLA-RANTOUL FIELD							
LL&B OIL 29-16S21E	C-17266	FINCH	P	SQUIR	630	14	NR
MARION TOWNER 32-16S21E	C-5495	NAYLOR NE	W	SQUIR	675	15	29.0
MID-STATES ENERGY 18-18S21E	CR12783	DIMOUSH-FERRELL	W	SQUIR	650	10	26.0
OAKS PETROLEUM 10,12,15-17S21E	CR-8775	OAKS	P	SQUIR	600	15	33.0
P & W JT. VENTURES 3-16S21E	CR-6803	STURN	W	SQUIR	700	10	28.0
RADER OIL 29-16 21E	C-17259	COFFMAN	P	SQUIR	625	15	31.0
RADER OIL 7,18-16S21E	C-17387	STEVENS	P	SQUIR	685	12	26.0
RADER OIL 19,30-16S21E	C-18459	SLAVEN	P	SQUIR	690	10	33.0
RANTOUL ENERGY 7-18S21E	C-697	JACKMAN	W	SQUIR	550	8	24.0
RANTOUL ENERGY 22-17S21E	CR-3788	JUDSON A	W	PERU&SQ	480	10	NR
RANTOUL ENERGY 5,6-18S21E	C-713	ROSEBERRY	W	SQUIR	660	8	NR
REED OIL 18,19,20-17S21E	C-15342	RANTOUL	W	SQUIR	600	8	29.0
WILLIAM CAENEN 32-16S21E	C-17598	KURZ	P	SQUIR	625	10	30.0
*SEE ALSO DOUGLAS-FRANKLIN							
GOVE COUNTY							
ALBIN FIELD							
CHIEF DRILLING 10-14S27W	C-13915	ALBIN	P	MISS	4330	16	36.0
CAMPUS SIDING FIELD							
A.L. ABERCROMBIE 2-11S31W	C-17846	BLOOM	D	LKC	4021	3	38.0
CASTLE ROCK FIELD							
CHIEF DRILLING 27-14S27W	C-13217	SAUER	P	MISS	4300	16	36.0
PICKRELL DRILLING 29-14S27W	C-16501	ALBIN GH UNIT	D	KC	3917	12	38.0
CHAPMAN FIELD							
PICKRELL DRILLING 27,35-15S26W	C-17166	CHAPMAN A		MARM	4338	17	39.0
LUNDGREN SOUTH FIELD							
ENERGY RESERVES 31-14S29W	CR-7779	LUNDGREN WFS	W	MISS	4250	50	35.0
MISSOURI FLATS FIELD							
DONALD C. SLAWSON 27-14S28E	C-17366	BEESLEY C	W	LKC	3700	6	38.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1974	U	PROD & MISS	1	2	4.0	NR	12	2	1.3	NR	NR	NR		C-17266
NR	T	PROD	2	0	7.3	NR	1	1	0.3	NR	NR	NR		C-5495
1979	M	PROD+FR	9	0	16.4	25.6	35	0	7.8	42.8	2.6	4.4		CR12783
1977	T	PROD	16	0	108	NR	84	13	39.7	NR	19.9	NR		CR-8775 C-806
1980	M	PROD	4	0	0.5	0.5	7	0	1.6	1.6	0	0		CR-6803
1975	U	PROD	3	1	2.9	24.6	9	9	1.9	8.3	0	0		C-17259
1970	U	PROD	10	2	67.5	357	24	1	7.7	59.6	2.0	25.1		C-17387
1976	U	PROD	1	1	5.8	37.1	13	1	3.0	17.5	0.2	0.6		C-18459
NR	U	PROD	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	91	C-697
NR	U	PROD	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	92	CR-3788
NR	U	PROD	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	93	C-713
1970	M	PROD & GRAV	26	2	76.9	1022	40	0	12.4	93.7	12.4	93.7		C-15342
1969	M	PROD	2	0	12.0	86.0	4	1	0.9	7.1	0.9	7.1		C-17598
NR	U	PROD	1	0	71.2	335	2	0	3.5	56.1	0	0		C-13915
1975	U	PROD	1	0	5.5	29.6	1	0	1.3	19.0	0	1.5		C-17846
NR	U	PROD	1	0	47.5	207	1	0	1.1	16.6	0	0		C-13217
1972	U	PROD	1	0	14.7	109	5	0	7.5	216	0	0		C-16501
1975	U	PROD	1	0	9.1	37.5	2	0	1.9	49.0	0	0		C-17166
1977	U	PROD	2	0	127	600	7	1	16.9	95.1	0	0		CR-7779
1974	U	PROD	1	0	142	577	2	0	8.8	197	5.5	52.4		C-17366

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
GOVE COUNTY							
ROSA FIELD							
PICKRELL DRILLING 34-15S27W	C-15205	ROSA BECKER B	P	KC	4000	6	38.0
GRAHAM COUNTY							
BLAZIER FIELD							
CITCO 12,27,28- 7S25W	C-9707	BLAZIER LKC UNIT	W	LKC	3800	20	39.0
BRASSFIELD FIELD							
MURFIN DRILLING 25,36- 9S22W	C-17942	WOLFE WF	P	LKC	3570	204	38.0
BRUSH CREEK FIELD							
CITCO 4,9- 9S23W	C-15497	BRUSH CREEK LKC UNIT	W	LKC	3740	10	35.0
BRUSH CREEK NW FIELD							
MURFIN DRILLING 32- 8S23W 5- 9S23W	C-17655	BRUSH CREEK INJ. COOP	P	LKC	3686	40	34.0
BUTCHER FIELD							
DREILING OIL 32-9S23W	C-16043	BUTCHER	D	LKC	3782	95	36.0
COOPER FIELD							
JOHN O. FARMER 14-10S21W	C-18506	ACHESON	P	ARB&LKC	3790	10	30.0
PETROLEUM INC 24-10S21W	C-12527	COOPER PILOT FLOOD	W	ARB	3740	15	34.1
ELRICK FIELD							
MULTISTATE OIL PROP. 3,9,10,14,15-10S25W	C-14576	ELRICK UNIT	W	KC	3800	150	40.0
TEXACO 11-10S25W	C-15410	EAST ELRICK	W	LKC	3750	NR	41.0
ELRICK SOUTHEAST FIELD							
HERDON OIL & GAS 14-10S25W	C-12249	KNOLL B	P	LANS	3777	5	32.0
EMOR FIELD							
BANKOFF OIL 28,35- 9S25W	C-14844	BOLLIG INJ	W	LANS	3870	4	36.0
TEXACO 35- 9S25W	C-16551	SPIES	W	LKC	3800	3	41.0
EVERGREEN NORTHWEST FIELD							
SUNFLOWER OPERATING 8,17- 9S23W	C-10747	EVERGREEN NW	W	LKC	3703	10	36.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1970	U	PROD	1	0	2.9	43.7	1	0	1.5	70.2	0	3.1		C-15205
1962	T	PROD & DAK	4	0	423	5390	5	0	14.0	1050	14.0	537		C-9707
1975	T	PROD & ARB	1	0	145	532	3	0	3.5	82.0	NR	NR		C-17942
1970	T	PROD & CEDH	5	0	548	6209	9	0	11.5	1123	11.5	325		C-15497
1974	T	PROD	2	0	115	579	4	0	5.3	164	5.3	NR		C-17655
1971	T	PROD	1		110	110	4	0	9.8	210	4.6	128		C-16043
1974	U	PROD	1	0	420	2098	7	0	20.4	967	2.3	48.1		C-18506
1966	U	PROD	1	0	102	1374	5	0	6.9	747	6.9	221		C-12527
1969	T	PROD	6	0	708	NR	26	0	69.7	NR	69.7	NR		C-14576
1971	U	PROD & CEDH	6	0	216	3741	5	0	12.5	301	12.5	246		C-15410
1966	U	PROD	1	0	22.5	321	1	0	1.9	35.5	NR	NR		C-12249
1969	U	PROD	2	0	60.0	855	3	0	4.4	111	4.0	99.8		C-14844
1972	U	PROD	1	0	79.9	448	2	0	6.5	108	0	0		C-16551
1964	T	PROD	3	0	91.2	NR	6	0	5.5	NR	NR	NR		C-10747

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
GRAHAM COUNTY							
FABRICIUS FIELD							
CITCO	C-11084	FABRICIUS LKC UNIT	W	LKC	3836	10	40.0
19,23,24,25,26- 7S23W 2- 8S23W							
FABRICIUS SOUTH FIELD							
M.L. BROWN	CR77714	MONTGOMERY	P	LKC	3545	159	37.0
2- 8S23W							
GLENDALE SOUTH FIELD							
DREILING OIL	C-14533	NICKELSON B	D	LKC	3825	90	36.0
23,26-9S24W							
GRA-SHER FIELD							
KIMBARK OPERATING	C-18387	GRA-SHER UNIT	W	TOR&LKC	4070	240	35.0
6-10S25W							
HARMONY SOUTH FIELD							
CITCO	CR-4803	HARMONY S. L-KC UNIT	W	LKC	3428	5	NR
5,6,7,8-08S22W							
HIGH HILL FIELD							
ENERGY RESOURCES O&G	C-17634	HIGH HILL	P	LKC	3725	250	37.0
17,18,19,20-10S24W							
HOETING FIELD							
DON E. PRATT	CR-2808	NICKELSON A	P	LKC	4072	10	36.0
29-9S24W							
HOLLEY FIELD							
CHEW OIL&GAS	C-12174	KEITH	D	LKC	3882	4	NR
9-9S24W							
CITCO	C-9991	HOLLEY UNIT	W	LKC	3957	4	37.0
33- 8S24W							
FELL & WOLFE OIL	C-8742	HOLLEY	W	LKC	3924	40	38.7
10- 9S24W							
FELL & WOLFE OIL	C-11613	KEITH ETAL		LKC	3775	209	38.0
4- 9S24W							
FELL & WOLFE OIL	C-10363	CLARK	D	KC	3960	5	28.7
10- 9S24W							
FELL & WOLFE OIL	C-6453	BLACKBURN	D	KC	3968	6	35.6
33- 8S24W							
PETROLEUM MANAGEMENT	C-9577	HOLLEY	W	LANS	3950	8	40.0
30,31,32- 8S24W 5,6- 9S24W 25,36- 8S25W							
HOLLEY SOUTHEAST FIELD							
CITCO	C-10367	NICKELSON "A" COOP	W	LKC	3847	12	37.0
15- 9S24W							
HOOF FIELD							
CITCO	C-15766	HOOF LKC UNIT	W	LKC	3850	16	35.0
9,16-10S23W							

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1964	T	PROD & CEDH	4	NR	601	9505	4	NR	11.6	1446	11.6	599		C-11084 C-11076
1977	T	PROD	1	0	100	207	2	0	3.6	13.4	0	0		CR77714
1968	T	PROD	1	0	74.5	881	3	0	3.4	194	2.9	81.0		C-14533
1977	M	PROD & CEDH	3	0	72.0	316	7	0	8.4	979	NR	NR		C-18387
1980	T	PROD	2	0	14.1	14.1	3	0	5.1	539	0	0		CR-4803
1973	U	PROD & CEDH	4	0	305	1703	10	0	23.5	957	23.5	957		C-17634 C-16842
1979	U	PROD	1	0	73.0	73.0	8	0	23.9	23.9	12.9	12.9		CR-2808
1980	U	PROD	1	0	27.4	NR	3	0	1.1	NR	0.4	NR	94	C-12174
1963	T	PROD & CEDH	4	0	167	3302	5	0	4.8	569	4.8	250		C-9991
1963	F	FR	1	0	152	1888	4	0	2.9	NR	1.4	NR		C-8742
1965	U	PROD	4	0	195	4298	9	0	4.9	NR	3.6	NR		C-11613
1965		PROD	1	0	8.0	NR	1	0	1.2	NR	0.6	NR		C-10363
1958	U	PROD	1	0	0	NR	2	0	2.2	NR	1.6	NR		C-6453
1963	T	PROD & CEDH	6	0	387	23159	10	0	15.4	2024	15.4	2024		C-9577
1964	T	PROD & CEDH	2	NR	91.7	1669	1	NR	2.8	335	2.8	101		C-10367
1970	T	PROD & CEDH	8	0	1159	9473	18	0	51.2	3685	51.2	760		C-15766

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
GRAHAM COUNTY							
HOOF NORTHWEST FIELD							
CITCO 31- 9S23W	C-16528	HOOF N.W. L-KC UNIT	W	LKC	3900	6	38.0
DANE G. HANSEN TRUST 6-10S23W	C-13102	GANO INPUT	D	LKC	3700	200	39.0
HUNTINGTON FIELD							
BEREN & FARMER 7,18- 7S25W	C-18445	HUNTINGTON COOP	P	LKC	3802	24	36.0
IRONCLAD FIELD							
COLLINS & COLLINS 23,25,26-09S22W	C-10578	IRONCLAD UNIT		LKC	NR	NR	NR
GLENN W. PEEL EST 26- 9S22W	C-13981	DESAIR	D	LKC	3640	160	38.0
JACKSON BRANCH FIELD							
BEREN 8-9S23W	C-13960	H. H. STEWART		LKC	NR	NR	NR
KNOLL FIELD							
KAISER-FRANCIS 5-9S25W	CR28012	DREILING E	D	LKC	4005	218	32.5
KNOLL NORTH FIELD							
DANE G. HANSEN TRUST 30- 8S25W	C-16383	HANSEN ESTATE	D	LKC	3825	200	38.0
KOCH EXPLORATION 29,32- 8S25W	C-18437	KNOLL, NORTH LKC	W	LKC	3770	NR	41.0
KOHART FIELD							
R & E NICKELSON 27,34- 9S24W	C-15310	MOORE-KURTZ	W	LKC	4115	225	37.0
LAW FIELD							
DON E. PRATT 2-10S23W	C-13221	C.F. GRIFFITH		LANS	NR	NR	NR
LAW NORTHWEST FIELD							
BURCH EXPLOR 28- 9S23W	C-9379	LAW NW	D	LKC	3900	180	36.0
LAW SOUTHEAST FIELD							
B-J OIL 12-10S23W	C-9536	S. E. LAW UNIT		LANS	NR	NR	NR
MARTHA WASHINGTON FIELD							
C-G DRILLING 24-10S25W	CR-6783	KNOLL	D	LKC	3761	180	35.0
MILDREXETER FIELD							
DON E. PRATT 11-9S23W	C-14679	CASEY JONES UNIT		LKC	NR	NR	NR

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1972	T	PROD & DAK	6	0	578	4718	9	0	31.2	1170	31.2	383		C-16528
1966	T	PROD & DAK	3	0	342	2998	6	0	29.8	508	NR	NR		C-13102
1977	U	PROD	2	0	255	1463	5	0	7.6	40.1	3.4	40.1		C-18445
NR	N	NR	1	0	0	NR	6	0	2.6	NR	NR	NR	95	C-10578
1968	U	PROD	1	0	26.8	213	2	0	3.1	87.7	3.1	87.7		C-13981
NR	N	NR	0	0	0	0	0	0	0	0	0	0	96	C-13960
1979	U	PROD	1	0	9.5	17.1	1	0	3.4	5.9	0	0		CR28012
1972	U	PROD	1	0	140	845	4	0	7.4	242	NR	NR		C-16383
NR		NR	0	0	0	0	5	0	31.0	811	0	0	97	C-18437
1970		NR	0	0	0	0	1	0	750	0	0	0	98	C-15310
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	99	C-13221
1962	U	CED H	1	0	0	2301	5	0	5.0	329	5.0	284		C-9379
NR	N	NR	1	0	0	NR	5	0	2.0	NR	NR	NR	100	C-9536
1978	U	PROD	1	0	3.0	15.0	1	0	0.9	206	0.9	2.6		CR-6783
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	101	C-14679

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
GRAHAM COUNTY							
MOREL FIELD							
GRAVES DRILLING 7- 9S21W	CR77710	COOLEY		LKC	3550	10	34.0
M.L. BROWN 14,23- 9S21W	C-14298	LKC	W	LKC	3420	30	33.0
NCRA 7- 9S21W	C-14977	SHAW	D	LKC	3641	15	32.4
NANA NORTHWEST FIELD							
CITCO 32,33- 7S24W 4,5- 8S24W	C-11191	NANA NW LKC UNIT	W	LKC	3600	10	38.0
PENOKEE FIELD							
GRIGGS OIL 2,12-8S24W	C-6240	LYON-NICHOLSON		LKC	NR	NR	NR
RED LINE FIELD							
PETROLEUM INC 30- 9S22W 24,25- 9S23W	C-14964	RED LINE NW UNIT	W	LKC	3800	15	40.2
ROBERT R. PRICE 32-09S22W	C-6173	STURGEON	P	KC	3860	7	38.0
SCHMIED FIELD							
PETROLEUM MANAGEMENT 17- 8S25W	C-8553	MADDEN-DAVIS UNIT	W	LANS	3650	15	41.0
PETRO-LEWIS 16- 8S25W	C-9396	MADDEN-DAVIS	D	LKC	3800	60	40.0
SCHNEBLY FIELD							
THORNTON E. ANDERSON 9- 8S22W	C-17324	JONES	P	LKC	3507	3	40.0
SHILOH FIELD							
PETRO-LEWIS 1,2- 9S25W	C-9397	MINIUM	D	LKC	3800	60	38.0
VAN FIELD							
KOCH EXPLORATION 14- 9S22W	C-7334	SANDZEN	W	LKC	3490	20	30.0
NCRA 14- 9S22W	C-10328	VAN LOENEN	W	LANS	3497	15	36.6
VESPER FIELD							
PETROLEUM INC 31- 9S22W 36- 9S23W	C-10172	VESPER UNIT	W	LKC	3460	22	39.6
GRAHAM-ROOKS COUNTIES							
TRICO WEST FIELD							
CITCO 31-10S20W 36-10S21W	C-17940	TRICO WEST UNIT	W	LKC	NR	15	NR

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1977	U	PROD	1	0	58.4	175	2	0	2.3	11.0	NR	NR		CR77710
1968	T	PROD & ARB	1	0	523	5365	8	0	21.0	4864	21.0	285		C-14298
1969	T	PROD	1	0	30.6	251	1	0	1.4	25.8	1.4	22.8		C-14977
1966	T	PROD & CEDH	2	NR	71.2	2022	2	NR	4.4	475	4.4	185		C-11191
NR	U	PROD	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	102	C-6240 C-9826
1969	M	PROD&DAK&CH	2	0	146	3152	5	0	4.7	467	4.7	155		C-14964
1965	T	PROD	1	0	18.0	490	3	0	3.0	326	3.0	177	103	C-6173
1961	T	PROD & CEDH	3	0	371	9461	4	0	3.6	438	3.6	112		C-8553
1961	U	PROD	1	0	120	2416	3	0	4.0	373	4.0	373	104	C-9396
1974	U	PROD	1	0	2.5	12.0	1	0	0.8	47.6	0.2	0.7		C-17324
1962	U	PROD	1	0	130	2690	1	0	1.0	144	1.0	144	105	C-9397
1959		NR	0	0	0	1189	3	0	13.7	579	6.3	128		C-7334
1963	T	PROD	1	0	141	3154	4	0	3.8	228	2.4	125		C-10328
1963	M	PROD&DAK&CH	5	0	659	16007	10	0	15.7	1760	15.7	687		C-10172
1976	T	PROD	3	0	166	668	9	0	16.9	401	10.6	42.5		C-17940

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
GRAHAM-SHERIDAN COUNTIES							
LINDENMAN FIELD							
OKMAR OIL 31- 6S25W 36- 6S26W	C-15006	LINDENMAN COOP		LKC	3860	5	36.0
GRAHAM-TREGO COUNTIES							
DIEBOLT FIELD							
CITCO 33-10S23W 4,5,9-11S23W	C-6808	NW WAKEENEY COOP	W	LKC	3588	4	40.0
GREENWOOD COUNTY							
ATYEO-PIXLEE FIELD							
AZTEC OIL 12-22S 9E 7-22S10E	C-15055	EVANS UNIT	W	MISS	2400	13	36.0
CHARLES S. RITCHIE 5-22S10E	C-4288	PIXLEE-ATYEO	W	BARTL	2420	18	40.0
CHARLES S. RITCHIE 6-22S10E	C-2813	ATYEO	W	BARTL	2420	18	40.0
R.J. WIXSON DRLG 8-22S10E	C-8384	YORK-PIXLEE	W	BARTL	2310	15	NR
BEAUMONT FIELD							
E.H. ADAIR OIL 24-27S 8E	C-17019	FOWLER	P	MISS	2426	16	35.0
K.T. WIEDEMAN TRUST 2-28S 8E	C-10680	EDGAR	D	MISS	2480	NR	35.0
K.T. WIEDEMANN TRUST 25-27S 8E	C-17590	TEMPLE-LEWIS	W	MISS	2431	19	33.0
STEWART BROS. 2,11-28S08E	C-17096	EDGAR	P	MISS	2500	14	36.0
BROWNING FIELD							
AM PETROFINA TEXAS 24-22S 9E	C-14909	BROWNING C	W	BARTL	2550	28	40.0
AM PETROFINA TEXAS 19-22S10E	C-8755	BROWNING A	W	BARTL	2550	28	NR
BURKETT FIELD							
F. GAINES & TOWN & C 27-23S10E	C-816	BURKETT E UNIT	W	BARTL	2250	50	40.0
F. GAINES & TOWN & C 23-23S10E	C-819	BURKETT UNIT	W	BARTL	2226	40	40.0
F. GAINES & TOWN & C 26-23S10E	C-818	BURKETT UNIT F	W	BARTL	2223	40	40.0
F. GAINES & TOWN & C 13-23S10E	C-817	BURKETT B UNIT	W	BARTL	2080	50	40.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1969	U	PROD	1	0	86.0	1839	5	0	26.8	892	17.2	290		C-15006
1958	T	PROD & CEDH	2	0	425	7550	6	0	5.8	2114	5.8	777		C-6808
1970	U	PROD	2	0	146	292	13	0	5.5	NR	NR	NR		C-15055
1955	M	PROD	2	0	73.0	584	5	0	7.2	57.6	7.2	57.6		C-4288
1955	M	PROD	2	0	110	876	9	0	7.2	57.6	7.2	57.6		C-2813
NR	U	PROD	1	0	25.7	NR	1	0	1.1	NR	0	NR		C-8384
1973	U	PROD	1	0	3.0	15.3	3	0	3.9	35.6	0	0		C-17019
1963	T	PROD	1	0	12.4	133	7	0	9.3	307	NR	NR		C-10680
1974	T	PROD	2	0	72.9	543	19	0	10.0	1367	NR	NR		C-17590
1973	U	PROD	1	0	40.2	225	4	0	5.0	97.6	NR	NR		C-12117 C-17096
1966	U	PROD & DOUG	1	0	60.2	1416	1	0	0.5	256	0.3	139		C-14909
1965	U	PROD & DOUG	2	0	261	3282	6	0	3.7	599	3.7	599		C-8755
1961	T	DOUG	5	0	32.8	656	10	0	14.6	292	14.6	292		C-816
1961	T	DOUG	2	0	30.0	600	4	0	2.2	132	2.2	132		C-819
1964	T	DOUG	2	0	0	NR	3	0	3.6	NR	0	0	106	C-818
1949	T	DOUG	4	0	29.2	960	9	0	7.3	234	7.3	234		C-817

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
GREENWOOD COUNTY							
BURKETT FIELD							
F. GAINES & TOWN & C 18-23S11E	C-0001	BURKETT UNIT	W	BARTL	2145	50	40.0
F. GAINES & TOWN & C 24-23S10E	C-749	BURKETT		BARTL	2130	50	40.0
CLIMAX FIELD							
DIANNE MCCARTHY OIL 4,9-27S11E	C-5726	CLIMAX	P	MISS	1850	6	28.0
DEMALORIE-SOWDER FIELD							
H.G. FORBES 13-22S10E	C-13779	CLOPTON	D	BARTL	2000	10	39.0
JOHN P. RODENBECK 3-22S10E	C-2071	PIX UNIT	D	BARTL	2100	35	40.0
R & G OIL 18-22S11E	C-3124	CLOPTON	D	BARTL	2100	40	41.0
R & G OIL 19-22S11E	C-2309	HARRIS	D	BARTL	2060	40	39.0
R.R. ABDERHALDEN 1,2,11,12-22S10E	C-3423	DEMALORIE-SOWDER UNIT	W	BARTL	2100	55	40.0
R.R. ABDERHALDEN 12,13-22S10E	C-9297	HARRIS UNIT	W	BARTL	2150	25	40.0
SCHANKIE WELL SERV 18-22S11E	CR-2796	CLOPTON	P	BARTL	2130	30	40.0
SCHANKIE WELL SERV 13-22S10E	C-3103	DERBYSHIRE	W	BARTL	2130	30	40.0
DUNAWAY FIELD							
ALE OIL 3-23S13E	C-5619	SAUDER-ESSLINGER	W	MISS	1850	15	34.0
BBL OIL PRODUCERS 27-22S13E	C-2252	MILLER-NORRIS	W	BURG	1800	10	36.0
HERBERT H. HART 27,34-22S13E	C-9459	HESSLER & KOENIG	P	MISS	1850	20	30.0
LARRY MOORE RANCH 22-22S13E	C-10543	R.W. YOUNG	W	BURG	1800	12	37.0
FANKHAUSER FIELD							
C. R. MC CLELLAND 23-22S12E	C-7362	P. FANKHAUSER	D	BARTL	NR	NR	NR
GEORGE A. BARNARD 10-22S12E	C-15037	SWANSON	P	BARTL	1800	15	39.0
GEORGE A. BARNARD 4-22S12E	C-2065	FANKHAUSER	W	BARTL	1950	50	39.0
ROBERT SCHINDLER 10-22S12E	C-5200	BOLES C	W	BARTL	1829	32	39.0
S & B OIL OPERATIONS 8,9,16-22S12E	CR-6806	H. LUTHE		BARTL	1850	15	38.0
SCHANKIE WELL SERV 5-22S12E	C-11800	AMES	P	BARTL	1896	25	37.0
SCHANKIE WELL SERV 5-22S12E	C-5968	KIPFER A&B	P	BARTL	1895	25	37.0
GAFFNEY FIELD							
GEORGE E. SAUDER 7-24S11E 12-24S10E	C-16051	SMITH UNIT	P	SQUIR	1850	12	39.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1961	T	PROD&DOUG	1	0	21.9	430	2	0	3.7	730	NR	20.0		C-0001
1954		NR	5	0	0	NR	4	0	2.2	NR	0	0	107	C-749
1957	T	PROD	2	0	5.0	120	4	0	1.8	26.2	1.8	6.0		C-5726
NR	U	PROD	1	0	15.0	NR	2	0	1.5	NR	1.5	NR		C-13779
1974	T	PROD & DOUG	2	1	36.0	NR	4	1	3.8	NR	3.8	NR		C-2071
NR	T	PROD	1	0	0	NR	3	0	1.1	NR	0	NR		C-3124
NR	T	PROD	0	0	65.0	NR	2	0	2.5	NR	0	0		C-2309
1949	T	PROD & DOUG	6	0	219	38683	20	1	7.6	3340	7.6	NR		C-3423
1962	T	PROD	3	0	20.2	9791	5	0	1.1	471	1.1	NR	C-3123	C-2072 C-9297
1979	T	PROD	1	0	300	NR	4	2	3.3	NR	0.5	NR		CR-2796
NR	T	PROD	2	0	79.0	NR	4	0	4.2	NR	1.8	NR		C-3103
1957	T	PROD & DOUG	4	0	50.0	1156	13	0	12.3	156	NR	NR		C-5619
NR	T	PROD	1	0	3.5	NR	5	0	7.0	NR	0.9	NR		C-2252
1962	U	PROD	2	0	985	8444	23	2	23.2	481	NR	NR		C-9459
1963	U	PROD	1	0	73.0	2427	2	0	1.9	223	0	0		C-10543
NR	T	PROD	2	0	80.3	NR	4	0	2.1	NR	NR	NR	108	C-7362
1969	T	PROD & DOUG	1	0	73.0	1083	2	0	1.9	68.1	1.9	68.1		C-15037
1949	T	PROD	1	0	27.4	128	5	1	2.2	504	2.2	504	C-2492	C-15638 C-2065 C-883
1969	U	PROD	1	0	0.3	NR	1	0	0.1	NR	0.1	NR		C-5200
1980	T	PROD	1	1	9.0	9.0	3	3	4.1	4.1	0	0		CR-6806
1965	U	PROD	1	0	0.1	NR	1	0	0	NR	0	NR		C-11800
1958	T	PROD	1	0	25.0	NR	2	0	0.5	NR	0	NR		C-5968
1971	T	PROD & DOUG	4	0	10.0	323	7	0	1.0	89.5	1.0	89.5		C-16051

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
GREENWOOD COUNTY							
GAFFNEY FIELD							
GREENWOOD PET & RANC 6-24S11E	C-5079	KIPFER	P	BARTL	1900	20	40.0
R.A. & M.L. WILSON 7-24S11E	C-3340	GEO. GAFFNEY	P	BARTL	1862	15	38.5
SUE A. SOULE 18-24S11E	C-17687	LINDAMOOD	D	SQUIR	1800	7	39.0
HAMILTON FIELD							
GEORGE SHEEHAN 26,27-23S11E	C-4711	ELLIS UNIT	P	BARTL	NR	NR	NR
LELAND DREYER 35-23S11E	C-3185	H.D. BROS		BARTL	NR	NR	NR
MADISON FIELD							
CHEEVER WELL SERV 1,12-22S11E	C-10368	KIPFER UNIT	W	BARTL	NR	NR	NR
CITCO 11,12,14,15-22S11E 22,23-22S11E	C-2008	MADISON BLOCK		BARTL	NR	NR	NR
PETERSON FIELD							
MCCARTHY OIL 18-27S11E	CR-7799	PETERSON	P	MISS	2085	50	28.0
POLHAMUS FIELD							
SID OIL 9-25S 9E	C-5312	DUNLAP	D	BARTL	2000	10	39.0
QUINCY FIELD							
BIRD & HANLEY 34-24S13E 4,5,6,8,9-25S13E 4,5,6,8,9-25S13E	C-12234	QUINCY	W	BARTL	1500	40	40.0
GEORGE SAGE 36-24S12E	CR-1801	STECKEL	W	MISS	1750	5	39.0
REECE FIELD							
H.G. FORBES 12-26S 9E	CR-9777	MUSTARD		MISS	2100	14	38.0
H.G. FORBES 13-26S 9E	C-18220	LIFE	D	MISS	2200	13	31.0
SALLYARDS FIELD							
BEARD,ENGLISH,MARTIN 25,26,36-25S8E 19,20,30,31-25S9E	C-3482	BRYDEN-LADD	W	BARTL	2470	50	40.0
HANK MARTELL 30-25S 9E	C-12717	BATES	P	BARTL	2400	30	37.0
JACKSON BROS 26,35-25S 8E	C-5052	LADD C	D	BARTL	2450	15	38.5
NADEL & GUSSMAN 23,25-25S 8E	C-14001	JACKSON HEIRS	W	BARTL	2400	15	39.0
R.K. TEICHGRAEBER 25,26,35-25S 8E	C-18526	KING-LADD	W	BARTL	2450	14	38.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1957	T	PROD&DOUG	3	0	180	4455	9	0	3.6	NR	3.6	NR		C-5079
NR	U	PROD	1	0	128	1628	5	0	3.3	NR	3.3	NR		C-3340
NR	U	PROD	1	0	3.6	7.6	1	0	0.3	NR	0.3	NR		C-17687
NR	U	PROD	16	0	185	NR	37	0	13.0	NR	13.0	NR		C-4711
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	109	C-3185
NR	U	PROD	1	0	10.0	NR	2	0	1.0	NR	NR	NR		C-10368
NR		NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	110	C-10038 C-2008
1979	T	PROD	1	0	90.0	130	2	0	0.9	3.1	0.9	1.9		CR-7799
NR	U	PROD	1	0	11	NR	1	0	1	NR	0	0		C-5312
1950	T	PROD	14	0	483	11298	29	2	78.2	917	78.2	917	C-4497	C-12234 C-2676
1980	U	PROD	1	0	32.8	32.8	8	2	15.0	40.0	0.5	0.5		CR-1801
1977	U	PROD	2	2	40.0	150	9	1	4.0	15.0	2.0	6.0		CR-9777
NR	U	PROD	1	1	30	125	5	1	3.0	12.0	2.0	8.0		C-18220
1952		PROD & DOUG	4	0	716	48633	32	2	15.0	2416	0	0		C-3482
1966	T	PROD	1	0	29.2	NR	2	0	0.7	NR	0.2	NR		C-12717
1951	U	PROD	1	0	0.6	NR	4	0	1.1	NR	0.7	NR		C-5052
1964	T	PROD & DOUG	1	0	30.0	1085	2	0	0.3	NR	0.3	NR		C-14001
1976	T	PROD	1	0	12.0	113	2	0	0.1	94.3	NR	NR	111	C-11096 C-18526

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
GREENWOOD COUNTY							
SALLYARDS FIELD							
R.R. ABDERHALDEN 35-25S 8E 2,11-26S 8E	CW-6781	BLANKENSHIP SALLYARDS	W	BARTL	2425	39	37.0
TEICHGRAEBER OIL 17,18-25S 8E 17-25S 9E	C-18193	HENDRICKSON	P	BARTL	2310	20	38.0
SCHINDLER FIELD							
C.R. MCCLELLAND 23-23S11E	C-11806	SCHINDLER		ARB	1800	15	29.0
SCHWAB FIELD							
BERENTZ DRILLING 09-24S10E	CR28015	SCHWAB	P	VIOLA	2760	9	27.0
SCOTT FIELD							
CHARLES S. RITCHIE 24,25,26-23S8E 19,30-23S9E	C-1264	SCOTT UNIT	W	BARTL	2500	26	40.0
SEELEY-WICK FIELD							
CHEEVER WELL SERV 32-22S13E	C-14986	WERNLI	W	BARTL	NR	NR	NR
C.R. MC CLELLAND 33-22S11E	CR10801	CLOPTON	D	BARTL	NR	NR	NR
C.R. MC CLELLAND 28-22S11E	C-10588	CLARK	D	BARTL	2000	NR	38.0
C.R. MCCLELLAND 1-22S11E	C-12172	GARDNER WINKLER	D	BARTL	1900	16	NR
DAMSON OIL 8-23S11E	C-1362	CLOPTON	D	BARTL	1750	15	43.0
DAMSON OIL 36-23S11E 1-24S11E 31-23S12E 6-24S12E	C-11091	PATTERSON	P	BARTL	1800	10	40.0
DIXIE THOMPSON SHIRL 6-22S12E	C-7954	PEDROJA	W	BARTL	1870	30	39.0
DIXIE THOMPSON SHIRL 7-22S12E	C-11369	HUBER	W	BARTL	1870	30	38.0
E.L. WILLIAMS 31-22S11E	C-17991	GALBRAITH	W	BARTL	NR	NR	NR
GEORGE A. BARNARD 4-23S11E	C-17648	RICKABAUGH	D	BARTL	1940	9	40.0
GEORGE E. SAUDER 8,9-24S12E	C-10954	WILSON-LEWIS	W	BARTL	1700	18	41.0
GEORGE E. SAUDER 7,8-22S12E	C-11213	HUBER-CURTIS	W	BARTL	1720	20	38.0
GEORGE E. SAUDER 9,29,30-22S13E	C-3863	LUHI UNIT	W	BARTL	1700	20	37.0
GEORGE SAGE 7-24S12E	C-11538	ULRICH		CATTLE	1600	10	38.0
GEORGE SAGE 7-24S12E	C-11539	FRY	W	CATTLE	1588	10	38.0
GLACIER PETROLEUM 6-22S12E	C-17131	JONES	P	BARTL	1884	10	38.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1953	T	PROD & DOUG	6	0	375	29365	15	0	7.2	3187	7.2	NR		CW-6781
1976	U	PROD	2	0	27.4	NR	4	0	3.5	NR	1.5	6.5		C-18193
NR	T	PROD	2	0	190	NR	8	0	3.3	NR	0	NR		C-11806
1980	T	PROD	1	0	51.0	51.0	3	0	2.6	29.9	0	0		CR28015
1976	M	PROD	2	0	54.0	216	8	0	4.7	18.7	NR	NR		C-1264
NR	U	PROD	1	0	NR	NR	2	0	0.7	NR	0	0		C-14986
1980	T	PROD	1	0	3.6	3.6	1	0	1.1	1.1	0.6	0.6		CR10801
NR	T	PROD	1	0	40.0	NR	3	0	1.2	NR	1.2	NR		C-10588
NR	T	PROD	2	0	51.1	NR	2	0	1.4	NR	NR	NR		C-12172
1946	U	PROD & DOUG	8	0	576	NR	21	0	25.2	NR	NR	NR		C-1362
NR	U	PROD	10	0	576	NR	22	0	16.2	NR	NR	NR		C-11091
NR	T	PROD	1	0	NR	NR	2	0	1.5	NR	NR	NR	112	C-7954
NR	T	PROD	1	0	NR	NR	1	0	0.5	NR	NR	NR	113	C-11369
NR	U	PROD	1	0	36.8	NR	4	0	1.8	NR	0	0		C-17991
1974	T	PROD	2	0	82.2	287	4	0	2.0	16.4	2.0	16.4		C-17648
1951	T	PROD&DOUG	5	0	286	4322	12	2	10.2	167	10.2	167		C-10954
1959	T	PROD & DOUG	2	0	80.0	1603	5	0	1.6	207	1.6	207		C-11213
1978	T	PROD	1	0	9.0	28.0	3	0	0.2	1.1	0.2	1.1		C-3863
1965	U	PROD	1	0	73.0	1095	4	0	2.2	40.7	2.2	17.0		C-11538
1964	U	PROD	1	0	14.6	234	4	0	2.2	35.0	2.2	15.0		C-11539
NR	U	PROD	1	0	13.0	NR	2	0	0.7	NR	0.7	NR		C-17131

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
GREENWOOD COUNTY							
SEELEY-WICK FIELD							
HEMSTEAD OIL 26-22S12E	CR2804	HAAS	D	BARTL	1680	20	39.0
HENSLEY OIL 6-22S12E	C-13360	CLOIDE HENSLEY	P	BART	1800	32	38.0
H.G. FORBES 22-22S11E	C-3342	FREEBURG	D	BARTL	1900	10	37.5
K.E. SNYDER 27-23S11E	C-11615	SHAEFER FLOOD PROJ	D	BARTL	1920	22	41.0
R & G OIL 23-22S12E	C-16546	LAMONT UNIT D	D	BARTL	1670	50	40.0
R & G OIL 25-22S12E	CR-8783	OTT A	P	BARTL	1666	NR	39.0
R.K. TEICHGRAEBER 29,30-22S11E	C-8952	HUMES	P	BARTL	2100	15	35.0
S & B OIL OPERATIONS 25-22S12E	CR-6805	WERNLI		BARTL	1700	30	38.0
SCHANKIE WELL SERV 3-23S11E	CR-2793	RICKABAUGH	W	CATTL	1840	20	39.0
SCHANKIE WELL SERV 28,29,32,33-23S11E	C-14908	BEC UNIT	W	BARTL	1950	12	38.0
TEICHGRAEBER OIL 6-23S11E	C-14151	GREENWOOD	D	BARTL	2086	12	38.9
THE J'S OIL 5,6-23S11E	C-734	SEELEY-WICK	P	BARTL	2000	50	39.0
THEODORA M. BARNARD 9-23S11E	C-12627	SHAFFER-JONES	P	BARTL	1930	18	40.0
WARREN G. GODFREY 8-24S12E	C-16739	A. LYKE	P	BARTL	1740	25	40.0
W.F. HARMON 31-23S12E	C-16338	HARMON		KC	1853	4	39.0
SEVERY FIELD							
AMERICAN ENERGY 16,21-28S11E	C-9902	WINGRAVE	D	KC	1150	15	34.0
SEVERY NORTH FIELD							
HEDRICK BROS OIL 5-28S11E	CR47711	GIBBON		KC	1220	NR	34.0
STANHOPE FIELD							
T G'S OIL ENTERPRISE 22-26S 8E	C-16709	LOSE B&G	D	MISS	2450	20	36.0
SUTHERLAND FIELD							
BERENTZ DRILLING 14-23S12E	CR12786	SUTHERLAND	P	VIOLA	2180	6	27.0
TEETER-SCOTT FIELD							
BERENTZ DRILLING 21,22-23S 9E	C-10274	J.W. TEETER UNIT	P	BARTL	2425	30	39.0
CHARLES S. RITCHIE 20,21-23S9E	C-2737	MORRIS	W	BARTL	2500	28	40.0
GLACIER PETROLEUM 15,16-23S 9E	C-1748	TETER	P	BARTL	2400	60	40.0
GLACIER PETROLEUM 3-23S 9E	C-14306	NOLLER	P	BARTL	2450	35	40.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1981	U	PROD	1	0	0	NR	1	1	1.6	1.6	0	0		CR2804
1968	U	PROD	1	0	18.2	NR	3	0	0.4	NR	NR	NR		C-13360
NR	U	PROD	1	0	25.0	100	2	0	1.5	6.0	1.0	4.0		C-3342
1972	U	PROD & DOUG	2	0	60.1	488	8	0	6.0	389	6.0	389		C-11615
NR	T	PROD	1	0	50.4	NR	3	0	1.3	NR	0	NR		C-16546
1979	T	PROD	1	0	73.0	NR	8	2	5.4	NR	0	0		CR-8783
1961	T	PROD & DOUG	1	0	3.5	266	3	1	0.4	55.0	NR	18.3	114	C-8952
1980	T	PROD	1	1	1.0	1.0	4	2	10.3	16.2	0	0		CR-6805
1978	T	PROD	1	0	30.0	61.0	5	0	8.6	NR	2.5	NR		CR-2793
1959	T	PROD	4	0	125	NR	8	1	6.6	NR	1.0	NR		C-14908 C-5095
NR	U	PROD	1	0	NR	NR	3	0	0.9	NR	NR	NR		C-14151
NR	U	PROD	3	0	NR	NR	4	1	2.9	NR	2.9	NR		C-734
NR	T	PROD	3	0	8.0	NR	3	0	2.3	NR	NR	NR		C-12627
NR	U	PROD	2	0	292	NR	3	1	3.1	NR	3.1	NR		C-16739
1970	T	PROD	1	0	21.6	NR	2	0	0.9	NR	0	NR		C-16338
NR	U	PROD	3	0	NR	NR	2	0	0.3	NR	NR	NR		C-9902
NR	U	PROD	1	0	36.5	NR	3	0	9.1	NR	NR	NR		CR47711
NR	U	PROD	1	0	73	NR	2	0	1	NR	0	0		C-16709
1980	T	NR	1		34.5	34.5	6	0	10.0	167	0	0		CR12786
1963	T	PROD	1	0	31.5	281	2	0	1.9	283	1.9	NR		C-10274
1976	M	PROD	4	0	72.0	288	10	0	7.2	28.8	7.2	28.8	C-3357,	C-3293 C-2737
NR	U	PROD	1	0	175	NR	4	0	5.9	NR	5.9	NR		C-1748
NR	U	PROD	1	0	13.2	NR	2	0	1.5	NR	1.5	NR		C-14306

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
GREENWOOD COUNTY							
TEETER-SCOTT FIELD							
GLACIER PETROLEUM 9,10-23S 9E	C-10430	NOLLER A	P	BARTL	2450	35	39.0
GLACIER PETROLEUM 2-23S 9E	C-14901	HARTLEY B	P	BARTL	2450	50	39.0
GLACIER PETROLEUM 10,11,14,15,16-23S9E	C-3172	GREEN UNIT	P	BARTL	2400	60	40.0
K.E. SNYDER 1,2,11,12-23S 9E	C-11169	GREEN B FLOOD PROJ	D	BARTL	2410	45	39.0
SNAP OIL 2,3,11-23S 9E	C-10170	GREEN A UNIT	P	BARTL	2333	37	39.0
TEICHGRABER FIELD							
ENERGY RESOURCES O&G 18-25S 9E	C-12236	SPENCER	P	BARTL	2375	23	40.0
NADEL & GUSSMAN 18-25S 9E	C-13198	SPENCER	W	BARTL	2400	15	39.0
NADEL & GUSSMAN 12,13,14-25S 8E	C-11737	WELSH-BIRKETT	W	BARTL	2350	15	41.0
THRALL-AAGARD FIELD							
F. GAINES & TOWN & C 12-24S9E	C-9162	GREENWOOD	P	BARTL	NR	NR	NR
GLACIER PETROLEUM 28,29,32,33-23S10E	C-2226	THRALL-MCKEE CONS	W	BARTL	2300	31	40.0
GLACIER PETROLEUM 28-23S10E	C-15438	GEORGE I. MILLER	W	BARTL	2385	25	40.0
J & T COOPER 19-23S10E	C-14342	ZIMMERMAN	W	BARTL	2300	12	39.0
J & T COOPER 13-24S 9E	C-8109	BRATLON-MANSFIELD	W	BARTL	2300	12	39.0
JOHN NORDMEYER & W S 11,12-24S9E	C-1035	LEWIS UNIT	W	NR	NR	NR	NR
LANCE SNYDER 24,25- 4S 9E	C-13474	BOONE-MOORE	P	BARTL	2160	13	37.0
LANCE SNYDER 14-24S 9E	C-17510	BRATTON	P	BARTL	2110	91	38.0
LANCE SNYDER 26,27-24S 9E	C-16865	FIDE-HILL	D	BARTL	2100	40	38.0
M.L. BROWN 36-23S 9E 6-24S 9E	C-2743	CARTWRIGHT	W	BARTL	2200	35	40.0
SNAP OIL 31-23S10E	C-1908	MARTINDELL	D	BARTL	2300	50	38.0
WILLIAM W. SOULE 11,12-24S 9E	C-1035	ANDERSON-OLSON	W	BARTL	2230	45	39.0
UTOPIA FIELD							
HANK MARTELL 9-25S11E	CR12772	BABSON A	D	BARTL	1700	15	38.0
VIRGIL FIELD							
ALF M. LANDON 16,21-24S12E	C-15350	REBECCA JOHNSON	M	BARTL	1650	20	39.0
ALF M. LANDON 15,22-24S12E	C-16864	JOHNSON ESTATE	M	MISS	1700	15	40.0
ALF M. LANDON 22-24S12E	C-14575	TEXAS JOHNSON		PERUMIS	1700	25	40.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1965	U	PROD	1	0	83.6	NR	4	0	3.4	NR	3.4	NR		C-10430
NR	U	PROD	2	0	221	NR	6	0	3.8	NR	3.8	NR		C-14901
NR	U	PROD	1	0	175	NR	8	0	10.7	NR	10.7	NR		C-3172
1967	U	PROD	1	0	56.7	910	8	0	5.3	318	5.3	318		C-11169
1963	T	PROD	1	0	145	NR	4	0	4.1	NR	4.1	NR		C-10170
1965	U	PROD & DOUG	3	0	71.3	1107	5	0	4.5	200	4.5	200		C-12236
1967	T	PROD & DOUG	1	0	50.5	1618	3	0	5.1	NR	5.1	NR		C-13198
1967	T	PROD & DOUG	8	0	553	7274	46	0	47.8	NR	47.8	NR		C-11737
NR	U	PROD	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	115	C-9162
1949	T	PROD & DOUG	1	0	21.6	NR	3	2	2.2	NR	2.2	NR		C-2226
1967	T	PROD & DOUG	1	0	162	NR	4	0	3.2	NR	3.2	NR		C-15438
NR	T	DOUG	2	0	6.0	NR	4	0	2.6	NR	2.6	NR		C-14342
NR	T	PROD & DOUG	6	0	240	NR	10	0	5.3	NR	5.3	NR		C-8109
NR		NR	NR	NR	NR	RN	NR	NR	NR	NR	NR	NR	116	C-1035
1967		PROD	1	0	12.5	NR	2	0	1.5	NR	0.5	NR		C-13474
NR	U	PROD	1	0	8.0	NR	1	0	0.4	NR	0.3	NR		C-17510
NR		PROD	0	0	0	NR	2	0	0.6	NR	0	NR		C-16865
1952	T	PROD & DOUG	7	1	634	32069	8	1	7.9	1325	7.9	1325		C-2743
1948	U	PROD	1	0	36	NR	2	0	1.2	NR	1.2	NR		C-1908
1944	U	PROD											117	C-1035
1978	T	PROD	3	0	11.0	106	7	0	6.7	NR	0	NR		CR12772
1966	T	PROD	2	0	54.6	NR	7	1	3.2	NR	NR	NR		C-15350
1973	T	PROD	2	0	92.3	NR	8	2	3.2	NR	0	0		C-16864
1951	T	PROD	3	0	115	NR	24	0	11.4	NR	NR	NR		C-14575

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
GREENWOOD COUNTY							
VIRGIL FIELD							
C. W. OIL PRODUCERS 23-24S12E	C-9922	JOHNSON	W	MISS	1700	15	38.0
FRENCH-WINTERSCHIED 10-23S13E	C-3259	L. YOUNG	P	MISS	1800	6	36.0
FRENCH-WINTERSCHIED 10,11-24S12E	C-192	HOUT-MEYERS	P	MISS	1700	5	39.0
FRENCH-WINTERSCHIED 12-24S12E	C-12482	DAME	P	MISS	1700	6	38.0
FRENCH-WINTERSCHIED 22-23S13E	C-3915	LOVETT-SHAMBAUGH	P	MISS	1700	6	36.0
FRENCH-WINTERSCHIED 15-22S13E	C-221	SHADEL	P	MISS	1800	6	NR
GEORGE EAGER 18-24S13E	C-11523	HARRIS	D	MISS	1600	NR	35.0
GEORGE SAGE 31-23S13E	CR-1802	SAGE	W	MISS	1625	5	39.0
HOUSTON OKLAHOMA OIL 14-24S12E	C-13251	FLEMING		MISS	1744	15	38.0
HOUSTON OKLAHOMA OIL 14-24S12E	C-9884	SULLIVAN		MISS	1780	15	38.5
JOHN R. EVANS 9-23S13E	C-14231	SCHNEIDER		MISS	NR	NR	NR
JOHNSON OIL 16-24S12E	C-2664	JOHNSON		BARTL	1600	14	39.0
LEWIS LONG OIL 7-24S13E	C-12408	BARNES & SHARP	P	MISS	1664	16	38.0
R.R. ABDERHALDEN 13,14-24S12E	C-7558	WEST VIRGIL UNIT	W	MISS	1730	70	38.0
VIRGIL NORTH FIELD							
ALE OIL 4-23S13E	C-15502	GRUBER-IMTHURN	D	MIS&VIO	1850	15	26.0
GRIGGS OIL 21-23S13E	C-18152	DEMLER WF	D	MISS	1726	26	39.0
GULF 10-23S13E	C-15851	SCHNEIDER	W	MISS	1770	13	39.0
HOUSTON OKLAHOMA OIL 28-23S13E	C-8069	BERRY		MISS	1764	10	38.4
SUNSHINE ENERGY 21-23S13E	C-8090	GRIBLIN A	W	MISS	1750	30	34.3
SUNSHINE ENERGY 21-23S13E	C-6135	JONES A	W	MISS LM	1670	55	39.4
SUNSHINE ENERGY 15-23S13E	C-6126	OLINGER A	P	MISS	1720	30	38.8
SUNSHINE ENERGY CORP 22-23S13E	C-17595	SHAMBAUGH-SHADEL	W	VIOLA	2150	12	NR
SUNSHINE ENERGY CORP 29-23S13E	C-16111	DEHLINGER B	W	MISS	1700	10	39.2
VIRGIL NORTHEAST FIELD							
SUNSHINE ENERGY 15-23S13E	C-5838	SHADEL	W	BARTL	1540	50	36.2
WIGGINS FIELD							
EVENSON OIL OPERATIO 17-24S11E	CR-8803	EVENSON		CATTLE	NR	NR	NR
GEORGE A. BARNARD 25-24S10E 30-24S11E	C-16617	WIGGINS	P	CATTLE	1830	15	38.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1962	U	PROD	2	0	182	NR	15	0	5.2	NR	0.7	NR		C-9922
1955	T	PROD	1	0	30.0	707	4	0	1.8	NR	0.9	27.2		C-3259
1964	T	PROD	1	0	30.0	426	3	0	4.9	NR	2.4	47.8		C-192
1966	T	PROD	1	0	79.0	103	8	0	4.0	NR	4.0	57.8		C-12482
1956	T	PROD	1	0	900	12600	7	0	5.1	NR	2.5	60.1		C-3915
1955	T	PROD	1	0	900	11721	6	0	4.7	NR	2.3	55.1		C-221
1970	U	PROD	1	0	NR	NR	4	0	2.0	NR	NR	NR		C-11523
1980	U	PROD	1	0	36.5	36.5	3	1	1.0	20.0	0	0		CR-1802
NR	U	PROD	0	0	0	NR	6	1	4.0	NR	NR	NR	118	C-13251
NR	U	PROD	0	0	0	NR	9	0	2.9	NR	NR	NR	119	C-9884
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		C-14231
NR	U	NR	0	0	0	0	0	0	0	0	0	0	120	C-2664
1966	U	PROD	1	0	36.5	NR	3	1	0.8	NR	0	NR	121	C-12408
1958	T	PROD & ARB	10	0	160	6886	33	0	9.8	810	9.8	NR		C-7558
1970	T	PROD	1	0	12.0	134	5	0	5.5	40.5	NR	NR		C-15502
1976	U	PROD	1	0	36.5	155	5	0	3.9	18.3	0	0		C-18152
1944	U	PROD	3	0	106	1341	7	0	5.7	1279	5.7	1279		C-15851
1959	U	PROD	0	0	0	NR	16	0	7.3	NR	NR	NR	122	C-1057 C-8069
1961	U	PROD	2	0	38.9	9974	9	1	4.8	160	4.8	160	123	C-8090
1958	U	PROD	2	0	117	3423	6	1	4.6	302	NR	NR	124	C-6135
1959	U	PROD	1	0	35.6	420	3	0	2.0	76.0	2.0	28.0	125	C-6126
1974	U	PROD	2	0	932	19.2	28	3	25.7	680	25.7	266	126	C-17595
1971	T	PROD	2	0	189	2095	6	0	4.7	82.8	4.8	83.0	127	C-16111
1938	U	NR											128	C-5838
1980	U	PROD	1	0	21.3	21.3	4	2	5.2	6.3	0	NR		CR-8803
1966	T	PROD	2	0	182	1558	5	0	3.8	53.8	3.8	53.8		C-16617

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
GREENWOOD COUNTY							
WIGGINS FIELD							
GEORGE A. BARNARD 19-24S11E	C-17508	LINDAMOOD	P	CATTLE	1800	25	38.0
WILKINSON FIELD							
E.W. SAUDER 6-25S 9E	C-11069	OLSEN	P	CATTLE	2100	20	37.0
GEORGE E. SAUDER 6,7-25S 9E	C-11036	WILKINSON-CARRINGTON	D	CATTLE	2100	30	38.0
WILLARD FIELD							
DIANNE MCCARTHY OIL 12-27S10E	CR-4777	CROSS	P	MISS	1910	30	28.0
RICHARD A. SOULE 7-27S11E	CR11782	PETERSON-GRUNDY	P	MISS	1900	2	27.0
WILLOW CREEK FIELD							
C.R. MCCLELLAND 31-22S11E	C-15095	FELTNER	D	BARTL	2000	30	36.0
GEORGE E. SAUDER 6-23S11E	C-13840	WARREN	D	BARTL	2050	20	38.0
WINTERSCHIED FIELD							
HOUSTON OKLAHOMA OIL 11-24S12E	C-7811	MENNONITE		MISS	1743	15	37.6
NADEL & GUSSMAN 22-24S13E	CR78010	DALTON	W	MISSLM	1626	0	37.5
GREENWOOD-WOODSON COUNTIES							
QUINCY FIELD							
ASHLOCK & BULLOCK OI 9,10,14,15-25S13E	C-2449	QUINCY #1FLD	D	BARTL	1400	25	40.0
HARPER COUNTY							
RUNNYMEDE FIELD							
TEXACO 23,24,25,26-31S 6W	C-17631	RUNNYMEDE UNIT	P	LANS	3613	NR	NR
SPIVEY-GRABS FIELD							
MOBIL 8-31S 8W	C-5673	INEZ M. DICKSON #2 SWDS	W	MISS	NR	NR	NR
HARVEY COUNTY							
BURRTON FIELD							
HOME STAKE PROD 17,18-23S 3W	C-10087	BURRTON WF	W	MISS	3400	35	36.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1974	T	PROD	1	0	75.0	515	2	1	1.6	4.7	1.6	4.7		C-17508
1964	T	PROD	1	0	7.0	726	1	0	0.8	123	0.5	37.5		C-11069
1964	U	PROD & DOUG	1	0	2.8	356	4	0	1.9	36.0	1.9	36.0		C-11036
1977	T	PROD	1	0	77.0	292	2	0	0.8	4.8	0.8	3.2		CR-4777
1978	U	PROD	1	0	190	372	4	0	4.0	12.2	4.0	12.2		CR11782
NR	T	PROD	1	0	30.0	342	1	0	4.3	38.8	0	0		C-15095
1968	T	PROD	1	0	6.0	97.0	10	0	2.7	198	1.4	18.6		C-13840
NR	U	PROD	0	0	0	NR	3	0	2.1	NR	NR	NR	129	C-7811
1980	T	PROD	1	0	4.8	4.8	1	0	0.5	NR	0.5	NR		CR78010
NR		PROD	1	0	18.3	NR	4	NR	3.4	NR	0	0		C-2449
1974	M	PROD & STAL	4	0	701	1924	7	0	21.2	102	14.4	38.8		C-17631
NR	T	PROD	1	0	146	2009	1	0	0	0	0	0		C-5673
1963	M	PROD & GAS	24	0	3786	121907	27	0	52.3	2343	52.3	2343		C-10087

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
HARVEY COUNTY							
BURRTON FIELD							
KAISER-FRANCIS 6,7,8,18-23S 3W	C-13454	BOTT UNIT	W	MISS	3350	20	38.0
HALSTEAD FIELD							
OIL PROPERTY MGT 11-23S 2W	C-17963	HAURY-COHEN	P	MISS	2950	30	35.0
THUNDERBIRD OIL 35,36-22S 2W	CR10784	MAY UNIT	D	KC&MISS	2968	15	33.5
HOLLOW-NIKKEL FIELD							
GULF 5,8-22S 3W	C-11876	HOLLOW-NIKKEL	W	MIS&HUN	3500	32	42.0
KANTOR OIL 30-22S 3W	C-431	KATIE SCHMIDT	W	KC&SIMP	3500	30	33.0
HARVEY-MC PHERSON COUNTIES							
HARMAC FIELD							
BRUNSON-SPINES 35,36-21S3W 1,2-22S3W	C-6889	HARMAC UNIT	P	HUNTON	3550	8	40.0
HOLLOW-NIKKEL FIELD							
BRUNSON-SPINES 32,33-21S 3W 4-22S 3W	C-10729	HOLLOW-NIKKEL WF	W	HUNTON	3500	20	40.0
HASKELL COUNTY							
EUBANK FIELD							
HELMERICK & PAYNE 28-28S34W	C-17988	EUBANK	P	CHES	5494	20	28.0
*SEE ALSO FINNEY-HASKELL							
HODGEMAN COUNTY							
BUDA SOUTHEAST FIELD							
AM PETROFINA TEXAS 1,2-21S26W	C-14869	CHENEY	W	MISS	NR	NR	37.5
EAKIN NORTHWEST FIELD							
MACK OIL 22-21S21W	CR11801	SIEVERLING	P	MISS	4366	NR	NR
PHILLIPS PETROLEUM 15-21S21W	C-11855	HULING AB	P	MISS	4325	15	35.0
GOEBEL EAST FIELD							
PICKRELL DRILLING 13,24-21S24W	C-16699	GOEBEL EAST UNIT	P	MISS	4460	10	36.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1967	U	PROD	1	0	146	9796	48	0	54.8	2895	0	0		C-13454
1975	U	PROD	1	0	99.7	790	6	1	4.4	32.6	1.1	2.3		C-17963
1979	U	PROD	1	0	3.5	NR	3	0	2.6	NR	0.1	NR		CR10784
1964	M	PROD & EQU	4	0	1045	22456	11	0	23.2	903	23.2	903		C-11876
1940	U	PROD	1	0	14.6	NR	0	0	0	NR	0	NR		C-431
1959	U	PROD	0	0	0	6201	4	0	7.5	620	NR	NR		C-6889
1963	F	EQU	0	0	0	16012	8	0	15.8	1002	NR	NR		C-10729
1975	U	PROD	1	0	57.9	306	2	0	9.4	623	NR	NR		C-17988
1969	U	PROD	1	0	14.2	120	1	0	2.6	73.3	0.9	18.0		C-14869
NR	U	PROD	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	130	CR11801
1965	T	PROD & CEDH	1	0	84.7	2247	2	0	10.1	446	6.2	NR		C-11855
1972	U	PROD	1	0	10.5	380	5	0	9.4	514	0	0		C-16699

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
HODGEMAN COUNTY							
HALLET FIELD							
GULF 15,22-22S25W	C-7630	HALLET WF	P	MISS	4597	64	38.0
HANSTON-OPPY FIELD							
KAISER-FRANCIS 22-22S22W	C-16343	SIPES	D	TOP	3572	NR	34.0
PETROLEUM INC 3-23S22W	C-14233	HOUSEMAN PF PROJ	P	MISS	4427	NR	30.7
SUN OIL 20-22S22W	C-13232	SO BAMBERGER REPRESS	P	MISS	4258	22	36.0
HUMMEL SOUTHEAST FIELD							
PETROLEUM INC 8-22S24W	C-16441	WORK PILOT FLD PROJ	P	MISS	4575	9	36.5
KRANKENBERG FIELD							
DONALD C. SLAWSON 9-24S23W	C-17767	KRANKENBERG B	W	MISS	4730	8	36.0
LIPPOLDT FIELD							
TEXACO 13,14,15,24-23S23W	C-17586	E.F. LIPPOLDT	P	MISS	4556	71	35.8
OPPY SOUTH FIELD							
PHILLIPS PETROLEUM 1-23S23W	C-12365	CLIFTON BB	P	MISS	4430	90	36.0
SAW LOG CREEK FIELD							
PICKRELL DRILLING 31,32-23S21W	C-16908	GLEASON B	W	MARM	4377	20	24.0
JACKSON COUNTY							
LEACH FIELD							
BARNES & HOHMAN OIL 15-07S13E	C-12576	LEACH		HUNTON	NR	NR	NR
JOHNSON COUNTY							
GARDNER FIELD							
JACK W. SANDERS 22-14S22E	CR-5786	LEEKER	W	BARTL	830	7	23.0
MO-KAN OIL 15-14S22E	C-18466	M, K, B & G	P	BARTL	825	10	22.0
RADER EXPLORATION 10,11-14S22E	C-18460	KNABE A, ANDREWS, ROBERT	W	BAR&SQU	860	10	28.0
RADER OIL 14,15,23-14S22E	C-18461	GARDNER FLOOD	D	BARTL	825	10	22.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1960	F	FR	4	0	598	12852	12	0	38.5	2162	38.5	2162		C-7630
1972	U	PROD	1	0	182	1884	2	0	3.1	NR	0	NR		C-16343
1968	T	PROD	1	0	95.3	1414	1	0	8.7	248	0	0		C-14233
1966	U	PROD	1	0	597	6715	3	0	12.1	789	0	0		C-13232
1972	T	PROD	1	0	134	866	4	0	12.3	362	0	0		C-16441
1975	U	PROD	1	0	73.3	303	2	0	8.5	122	3.3	11.4		C-17767
1974	U	PROD	1	0	327	2693	10	0	24.3	225	0	0		C-17586
1966	M	PROD & SHSD	1	0	145	3172	2	0	3.6	206	3.1	NR		C-12365
1973	U	PROD	1	0	98.9	370	1	0	4.7	223	0	0		C-16908
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		C-12576
1978	U	PROD	2	1	18.6	NR	7	1	1.5	NR	1.5	NR		CR-5786
1963	U	PROD	4	0	20.3	400	13	0	7.2	125	2.2	37.2		C-18466
1973	T	PROD	1	0	2.2	12.8	14	0	1.8	36.3	0	0		C-18460
1964	U	PROD	3	0	35.2	405	15	0	4.8	78.7	1.3	17.7		C-18461

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
KEARNY COUNTY							
PLEASANT PRAIRIE FIELD							
HELMERICH & PAYNE 13,14-26S35W	C-16958	PLEASANT PRAIRIE	P	MOR&MIS	4966	24	35.2
KINGMAN COUNTY							
ALAMEDA FIELD							
TEXACO 22,26,27,28-28S 7W 33,34-28S 7W	C-14912	ALAMEDA		MISS	4345	10	45.0
BELMONT CENTER FIELD							
TEXACO 23,27-29S 8W	C-18070	G.P. WALLACE	P	MISS	4200	25	NR
BROADWAY WEST FIELD							
LARIO OIL & GAS 18-28S 5W	C-16295	CLOUSE	P	MISS	3850	50	NR
STELBAR OIL 19-28S05W	CR-2806	LYER	D	MISS	3887	15	33.0
CASLEY FIELD							
MARTIN OIL 11-28S 5W	C-5422	CASLEY	D	MISS	3770	32	28.3
CUNNINGHAM FIELD							
GETTY OIL 19,30-27S10W	C-8651	CUNNINGHAM	W	LKC	3400	8	34.0
ORSEMUS FIELD							
TEXACO 30-29S 5W	C-12870	J. GRABER	P	SIMP	4472	NR	36.8
SPIVEY-GRABS-BASIL FIELD							
PICKRELL DRILLING 30-29S 6W	C-16625	MAPLE G	P	MISS	4116	36	33.0
SUN GAS 9-30S 8W	C-5576	HIGGINS	D	MISS	4185	45	NR
TENNECO 15-30S 7W	C-15840	KINERT-GILCHRIST UT	W	LKC	3705	5	36.7
KINGMAN-SEDGWICK COUNTIES							
BARTHOLOMEW FIELD							
M.L. BROWN 29,30,31-27S 4W 6-28S 4W 36-27S 5W 1-28S 5W	C-5288	BARTHOLOMEW	W	MISS	3700	11	36.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1973	U	PROD	1	0	3.2	58.0	4	0	17.0	269	NR	NR		C-16958
1970	U	PROD	8	0	1070	10745	16	0	109	6586	47.5	563		C-14912 C-13079
NR	U	PROD	1	0	575	2371	10	0	33.5	253	0	0		C-18070
1971	U	PROD	1	0	5.0	19.2	1	0	0	0	0	0		C-16295
1980	U	PROD	1	0	26.5	26.5	1	0	1.6	59.1	0.1	0.1		CR-2806
1956	U	PROD	1	0	32.8	NR	2	0	2.5	NR	0	NR		C-5422
1961	M	PROD	4	0	651	8909	6	0	19.3	1939	19.3	627		C-8651 C-7702
1966	U	PROD	1	0	255	3441	1	0	1.2	42.7	0	0		C-12870
1972	U	PROD	1	0	5.8	37.7	1	0	2.1	74.1	0	0		C-16625
1975		NR	1	0	40.0	115	3	0	2.6	6.8	2.6	6.8		C-5576
1970	T	PROD	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	131	C-15840
1957	U	PROD	0	0	0	9369	9	0	9.7	3389	0	269		C-5288

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
KIOWA COUNTY							
FRUIT FIELD							
MARK J. RICHARDSON 27,32-27S16W	C-14550	ISHAM UNIT	P	KINDER	4630	20	35.0
NICHOLS FIELD							
MISCO INDUSTRIES 20,21,22,27,28-29S18W 5,6-30S18W 31,32,33,34-29S18W	C-14366	NICHOLS UNIT		MISS	4904	50	35.8
KINGMAN-PRATT COUNTIES							
CUNNINGHAM FIELD							
GETTY OIL 24,25,36-27S11W 19,30,31-27S10W	C-6106	CUNNINGHAM B UNIT	W	LKC	3400	16	36.0
LABETTE COUNTY							
COFFEYVILLE-CHERRY FIELD							
DAVIS OIL CO 2-33S17E	C-14677	COLEMAN	P	BARTL	750	30	30.0
DIAMOND OIL PRODUCER 7-33S18E	CR28016	MATTOX		BARTL	623	NR	NR
DODSON PRODUCTION 23-32S17E	C-7845	UTTER ETAL	W	BARTL	NR	NR	NR
DODSON PRODUCTION 25-32S17E	C-9483	PERRY	W	BARTL	NR	NR	NR
DODSON PRODUCTION 24-32S17E	C-16032	FOSTER	W	BARTL	NR	NR	NR
COUNTRY CLUB FIELD							
J B OIL 35-32S17E	C-11991	SPRADLING	P	BARTL	700	20	34.0
MOUND VALLEY FIELD							
VOT OIL 33-32S18E	C-6323	MERRICK	W	BARTL	579	23	31.7
LABETTE-MONTGOMERY COUNTIES							
COFFEYVILLE-CHERRY FIELD							
WAYNE GREGORY 34,35-32S17E	C-14745	GREGORY	D	BARTL	670	15	31.0
LANE COUNTY							
PENDENNIS SOUTH FIELD							
HELMERICH & PAYNE 33-16S27W 4-17S27W	C-16555	LEIGHTON A	P	LKC	4120	20	38.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1968	U	PROD	1	0	55.0	666	6	0	9.6	166	NR	NR		C-14550
NR	N	NR	0	0	0	NR	6	0	10.7	NR	0	NR	132	C-14366
1958	M	PROD & SHSD	6	0	948	26761	12	0	17.2	3875	17.2	820		C-6106
1960	T	PROD	2	0	7.0	61.0	1	0	0.2	3.7	0.2	3.7		C-14677
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		CR28016
NR	U	PROD	1	0	4.0	NR	4	1	1.0	NR	0	NR		C-7845
NR	U	PROD	4	0	36.5	NR	10	0	4.3	NR	3.6	NR		C-9483
NR	U	PROD	1	0	2.5	NR	4	0	0.4	NR	0	NR		C-16032
1961	U	PROD	2	0	65.7	NR	22	3	5.6	NR	0	NR	133	C-11991
NR		PROD & FR	1	0	73.0	NR	12	0	3.4	128	NR	NR		C-6323
1974	U	PROD	11	0	NR	NR	9	0	0.8	NR	NR	NR		C-14745
1972	U	PROD	1	0	94.4	711	5	0	33.4	717	NR	NR		C-16555

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
LANE COUNTY							
TERWILLIGER NW FIELD							
CHIEF DRILLING 2-17S29W	CR-8782	GILL	D	MARM	4312	8	NR
WHITE ROCK SOUTH FIELD							
BEREN 30-17S27W 25-17S28W	C-18114	HARLAMERT	W	LKC	4220	8	36.0
LINN COUNTY							
BEAGLE FIELD							
KENT DRILLING 23-19S22E	C-9576	LINN FLOOD	P	BARTL	650	15	NR
CENTERVILLE FIELD							
MAINLINE USA 19-21S23E 24-21S22E	C-18443	MCGREW I	P	SQUIR	460	20	31.0
RANTOUL ENERGY 10-21S22E	C-18581	HILL	W	SQUIR	510	15	29.0
WILBUR EASTWOOD 14-21S22E	CR8787	CENTERVILLE UNIT	P	SQUIR	500	12	32.0
GOODRICH-PARKER FIELD							
DAVID OIL 20-20S22E	C-3165	GOODRICH GROUP	P	SQUIR	600	30	29.0
OAKS PETROLEUM 33-19S22E	C-18703	DIEHM-DAY	D	NEW ALB	400	10	26.0
LACYGNE-CADMUS FIELD							
ENERGY RECOVERY 21,31,33-19S23E 4,5,8,9-20S23E	C-15486	CADMUS	W	PERU	260	18	29.0
ENERGY RECOVERY 34,35-19S23E 2,3-20S23E	C-3150	SCOTT	W	PERU	250	17	29.0
FORREST MCCLUNEY 35-19S24E	C-15290	CALVIN	W	SQUIR	210	10	30.0
J & J OIL 2,11-20S23E	C-12025	PERSON-TEAGERDEN	W	PERU	200	7	29.0
LINN-MIAMI COUNTIES							
BEAGLE FIELD							
ROBERT A. MASON 15,22-19S22E	C-13055	SOUTH BEAGLE	W	SQUIR	480	15	27.0
LYON COUNTY							
ATYEO-PIXLEE FIELD							
CROWN OIL 30-21S10E	C-1871	JONES		BARTL	2250	14	40.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1978	U	PROD	1	0	29.0	71.5	8	0	44.0	426	0	0		CR-8782
1975	U	PROD	1	0	73	1312	4	0	4.0	65.1	1.6	65.1		C-18114
NR		NR	4	0	7.3	NR	6	0	0.8	NR	0.8	NR		C-9576
1977	M	PROD & POND	6	0	2.0	6.5	15	0	2.2	10.0	1.2	4.0	134	C-18443
1977	U	PROD	0	0	0	0	0	0	0	0	0	0	135	C-18581
1978	U	PROD	2	0	3.0	NR	7	0	1.6	NR	0	NR		CR8787
NR	M	PROD & ARB	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	136	C-3165
1977	U	PROD	1	0	3.6	NR	1	0	0.1	NR	0.1	NR		C-18703
1974	F	PROD & FR	126	0	709	4611	168	0	35.6	188	11.8	58.9		C-15486
1940	U	PROD & MISS	20	0	29.2	6483	33	0	0.4	277	0.4	277		C-3150
NR	U	PROD	0	0	0	NR	6	1	1.2	NR	0	NR	137	C-15290
1955	M	FR	35	0	256	NR	37	2	6.6	NR	3.3	NR		C-12025
1968	M	PROD & POND	16	0	4.9	938	39	0	0.6	84.9	0	0		C-13055
NR	U	PROD	1	0	40.2	NR	3	0	2.5	NR	NR	NR		C-1871

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
LYON COUNTY							
ATYEO-PIXLEE FIELD							
LAVERNA ANN OIL 19-21S10E	C-4314	LOWE-JONES	D	BARTL	2150	30	35.0
ROCK CREEK FIELD							
C. E. MURPHY 29,32-21S11E	C-5671	MURPHY	P	BARTL	1950	12	37.0
SCHANKIE WELL SERV 32-21S11E	C-5004	R.B. BYRD	P	BARTL	1900	17	37.0
WELCH-MOHR FIELD							
BRANDT OIL 19-20S10E	C-18485	BROWN	D	BARTL	2315	40	33.0
BRANDT OIL 29-20S10E	CR-3786	FAIR	D	BARTL	2310	30	33.0
BRANDT OIL 32-20S10E	CR10793	REES	D	BARTL	2300	20	33.0
COMMERCIAL OIL 6-21S10E	CR-1785	RUSSELL	P	BARTL	NR	NR	40.0
*SEE ALSO CHASE-LYON							
MARION COUNTY							
COVERT-SELLERS FIELD							
HILLENBURG OIL 17-21S 4E	C-8119	D.K. REAMEY	W	LKC	NR	NR	NR
EDMONDS FIELD							
K.T. WIEDEMANN TRUST 31-22S 4E	C-18275	JOHN LIGGETT	D	MISS	2445	NR	40.0
ELBING FIELD							
BAYES OIL 33-22S 4E	C-6185	BAYES OIL	D	KC	2100	10	31.0
ELBING NORTH FIELD							
MIDWEST SUPPLY 27-22S 4E	C-17154	DEFORREST E	P	MISS	2447	1	36.9
FANSKA FIELD							
DICK HESS 6-17S 1E	C-17659	LAW	D	MISS	2691	20	35.0
LOST SPRINGS FIELD							
JOSEPH E. JONES 16-17S04E	C-15442	HAJEK		MISS	NR	NR	NR
*SEE ALSO BUTLER-MARION							
MC PHERSON COUNTY							
CANTON EAST FIELD							
GEORGE R. HESS 14,23-19S 1W	CR-8788	RATZLAFF UNIT	W	MISS	2925	20	35.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
NR	U	PROD	1	0	14.6	52.9	8	0	4.5	247	1.1	5.5		C-4314
NR	U	PROD	2	0	3.5	NR	1	0	0.2	NR	NR	NR		C-5671
1973	T	PROD	1	0	4.0	NR	2	0	0.5	NR	0	NR		C-5004
1977	U	PROD & DOUG	1	0	72	196	1	0	4	NR	0	0		C-18485
1976	U	PROD	1	0	12.0	208	2	0	1.0	NR	1.0	0		CR-3786
1979	U	PROD	1	0	81.9	138	2	0	1.0	NR	0	0		CR10793
NR	U	PROD	1	0	0	NR	1	0	0	NR	0	NR		CR-1785
NR	U	PROD	0	0	0	0	2	0	0.9	NR	0	0		C-8119
1976	T	PROD	1	0	158	620	9	0	8.8	46.6	NR	NR		C-18275
1954	U	PROD	3	0	14.4	14.4	4	0	4.0	NR	2.0	NR		C-6185
1973	U	PROD	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	138	C-17154
1975	T	PROD	1	0	188	791	2	0	3.4	41.0	3.4	21.9		C-17659
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		C-15442
1978	T	PROD	1	0	94.0	185	9	0	1.3	2.6	1.3	2.6		CR-8788

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
MC PHERSON COUNTY							
CANTON NORTH FIELD							
KREHBIEL OIL 25,26-18S 1W	C-18708	HAAS	D	MISS	2858	2	36.0
CHINDBERG FIELD							
CAP OPERATING 18-19S 2W	C-18761	ENBERG	D	MISS	3001	NR	35.0
ELMER UNRUH 12-19S 3W	C-18634	BENTSON	P	MISS	2992	18	33.0
GEORGE R. HESS 24-19S 3W	C-18528	EK A & B	P	MISS	2995	30	37.0
KREHBIEL OIL 24-19S3W	C-18710	DEAN	D	MISS	2990	17	35.0
KREHBIEL OIL 13-19S 3W	C-18707	TULL	D	MISS	2980	15	37.0
LARRY MOORE RANCH 7-29S 2W	C-5634	SELMAR LARSON	D	MISS	NR	NR	NR
COONS FIELD							
ELMER UNRUH 13-19S 1W	C-18623	COONS B	P	MISS	2910	24	34.0
GEOROB FIELD							
GAS PRODUCING ENTR 1-18S 2W	C-7365	ROBINSON	D	MISS	2790	7	35.0
GOESSEL FIELD							
DONALD C. SLAWSON 1,12-21S 1W 6-21S 1E	C-13747	GOESSEL HUNTON WF	W	HUNTON	3400	10	40.0
GRABER FIELD							
GEORGE R. HESS 20,29,30,31,32-21S1W	C-2434	GRABER WF	D	HUNTON	3280	30	44.0
GEORGE R. HESS 31,32-21S 1W	C-3017	GRABER	W	HUNTON	3285	25	40.0
GRABER NORTH FIELD							
GEORGE R. HESS 8,16,17-21S1W	C-17397	BOESKER	P	HUNTON	3364	4	40.0
GYPSUM CREEK FIELD							
GEORGE R. HESS 32-16S 1W 5-17S 1W	C-4038	BUCKEYE C	P	MISS	2622	20	35.0
HOLLOW-NIKKEL FIELD							
GEORGE R. HESS 28-21S 3W	C-13798	SCHROEDER	P	HUNTON	3418	20	40.0
JENDAY FIELD							
ALFRED D. KOEHN 7,8-19S 1W	C-1295	WEDEL B	D	MISS	2940	20	34.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1977	T	PROD	1	0	29.2	43.8	1	0	1.1	NR	NR	NR		C-18708
1977	U	PROD	4	0	267	NR	4	0	3.4	NR	3.4	NR		C-18761
1976	U	PROD	1	0	100	NR	2	0	0.8	NR	0.1	NR		C-18634
1976	T	PROD	1	0	171	717	5	0	1.2	177	1.2	7.1		C-18528
1977	T	PROD	1	0	4.2	18.8	1	0	0.2	NR	NR	NR		C-18710
1977	T	PROD	1	0	12.6	742	2	0	2.5	NR	NR	NR		C-18707
1957	U	PROD	1	0	50.0	1150	1	0	3.6	70.5	3.6	42.8		C-5634
1976	U	PROD	1	0	72	NR	2	0	1.3	NR	0.1	NR		C-18623
1959	U	PROD	0	0	0	0	3	0	5.0	525	0	0	139	C-7365
1968		PROD	4	0	481	5771	4	0	9.0	712	9.0	201		C-13747
NR	T	PROD	6	0	281	43881	14	0	22.3	1569	22.3	101		C-2434 C-1911
1952	T	PROD	1	0	49.0	1948	2	0	1.6	1687	1.6	2.0		C-3017
1974	T	PROD	1	0	3.1	72.5	5	0	1.4	77.4	1.4	4.3		C-17397
1954	T	PROD	1	0	202	2839	4	0	5.6	301	5.6	14.4		C-4038
1967	T	PROD	1	0	73.3	825	2	0	1.1	123	1.1	5.1		C-13798
1953	T	PROD	1	0	146	NR	6	0	6.2	NR	6.2	NR		C-1295

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
MC PHERSON COUNTY							
JENDAY FIELD							
ALFRED D. KOEHN 6-19S 1W	C-5715	RYNO	D	MISS	2935	30	35.0
JOHNSON FIELD							
DAVID LITAN 35-19S 3W	C-15232	KASEY-COLBURN	P	MISS	2990	110	38.0
ECCO 35-19S 3W 2-20S 3W	CR-9775	FJ7 UNIT	D	MISS	3050	40	39.0
LINDSBORG FIELD							
TENNECO 8-17S 3W	C-15946	COMMUNITY B	D	VIOLA	3200	8	28.5
MCPHERSON FIELD							
LAWRENCE & BUSH 29,30-18S 2W	C-10429	JOHNSON	P	LKC	2300	10	35.0
MEAD PRODUCTION 32-18S 2W	C-7951	O.T. BENTSON	P	KC	2350	12	35.0
RIERSON-JOHNSON 6-19S 2W	C-18618	FAULSEEN	D	KC	2350	10	34.0
RIERSON-JOHNSON 30-18S02W	C-6179	ROLANDER		KC	NR	NR	NR
PADEN FIELD							
ROCKET-SCHUSTERMAN 15-18S 1W	C-17480	SCHULZ	W	MISS	2685	25	36.0
RITZ-CANTON FIELD							
ALFRED D. KOEHN 36-19S 2W	C-5844	MILLER	D	MISS	2940	20	34.0
CAP OPERATING 17,18,19-19S 1W	CR-4775	THOMPSON	D	MISS	2962	NR	36.0
CAP OPERATING 29-19S 2W	CR-3771	SUFFIELD	D	MISS	2942	NR	35.0
CAP OPERATING 26-19S 2W	C-3476	UNRUH	D	MISS	3350	NR	35.0
C&E OPERATORS 16-19S 2W	C-3034	GIFFIN	D	MISS	2860	40	36.0
C&E OPERATORS 11-19S 2W	C-2158	HULL	D	MISS	2885	40	36.0
DAPHNE BRADLEY 36-19S2W	C-3320	LEWIS	P	MISS	2900	60	36.5
DAPHNE BRADLEY 23-19S2W	C-3268	DUNSFORD	P	MISS	2900	60	36.5
DAPHNE BRADLEY 25-19S2W	C-3264	UNRUH-KREHBIEL	P	MISS	2900	60	35.6
ECCO 26,35-19S 2W 3-20S 2W	CR-4774	BDJT UNIT	D	MISS	2950	20	36.0
ELMER UNRUH 1-20S 2W	C-18635	ANDERSON	P	MISS	2937	12	35.0
ELMER UNRUH 25-19S 2W	C-3387	WILES	P	MISS	2930	25	36.5
ELMER UNRUH 33-19S 2W	C-18633	KOEHN	P	MISS	2965	4	36.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1955	T	PROD	1	0	219	NR	3	0	5.8	NR	5.8	NR		C-5715
1969	U	PROD	2	0	325	3017	5	0	7.7	NR	2.0	NR		C-15232
1977	U	PROD	1	0	200	620	8	0	14.9	NR	NR	NR		CR-9775
1972	T	PROD	1	0	60.0	2971	2	0	0.6	3738	0	0		C-15946
1959	U	PROD & MISS	3	0	165	3766	15	0	11	315	6	97		C-10429
1960	U	PROD	1	0	25.5	956	2	0	3.4	90.2	3.4	90.2		C-7951
1978	T	PROD	1	0	25.4	36.4	2	0	1.5	NR	NR	NR		C-18618
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	140	C-6179
1971	U	PROD	1	0	65.0	389	6	0	14.4	1445	0	0		C-17480
1955	T	PROD	2	0	365	NR	4	1	12.8	NR	12.8	NR		C-5844
1977	U	PROD	12	0	1228	NR	12	0	14.6	NR	14.6	NR		CR-4775
1977	U	PROD	5	0	405	NR	5	0	1.8	NR	1.8	NR		CR-3771
NR	U	PROD	3	0	254	NR	3	0	1.6	NR	1.6	NR		C-3476
1952	U	PROD	1	0	1530	72529	2	0	0	NR	0	0		C-3034
1949	U	PROD	3	1	1700	90139	3	1	10.9	NR	NR	NR		C-2158
1953	T	PROD	1	0	140	NR	2	0	2.2	170	2.2	170		C-3320
1953	T	PROD	1	0	364	NR	7	0	8.1	NR	8.1	NR		C-3268
1965	T	PROD	1	0	357	NR	9	0	4.7	NR	4.7	NR		C-3264
1977	U	PROD	2	0	490	3563	24	0	21.3	211	NR	NR		CR-4774
1976	U	PROD	1	0	20	NR	1	0	1.0	NR	0.2	NR		C-18635
NR	U	PROD	1	0	125	NR	4	0	1.9	NR	0.1	NR		C-3387
1976	U	PROD	1	0	100	NR	2	0	1.0	NR	0.1	NR		C-18633

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
MC PHERSON COUNTY							
RITZ-CANTON FIELD							
FRANK JONES OIL 23-19S 2W	C-14280	RITZ-CANTON	P	VIOLA	3362	8	36.0
FRANK JONES OIL 23-19S 2W	C-7617	RITZ-CANTON	P	MISS	2900	8	35.0
GEORGE R. HESS 22,27-19S 2W	CR-2785	KIRBY UNIT	W	MISS	NR	NR	NR
GEORGE R. HESS 15,16-19S2W	C-5630	H.P. UNRUH	P	MISS	2976	25	35.0
GEORGE R. HESS 2-19S 2W	C-17403	MARVIN HILL	P	MISS	2955	8	36.0
GEORGE R. HESS 1-20S 2W	C-5682	FLOOK	P	MISS	2945	8	35.0
GEORGE R. HESS 22-19S 2W	C-8148	THOMPSON B		MISS	2943	25	35.0
GEORGE R. HESS 3,4-19S 2W	C-17373	G.A. & DELLA NELSON	P	MISS	2953	9	37.0
HESS & BRUCE 24-9S2W	C-18480	HESS & BRUCE UNIT	P	MISS	2945	11	36.0
HILLENBURG OIL 23-19S 2W	C-7969	KUNDSON	D	MISS	2930	30	35.0
HILLENBURG OIL 34-19S 2W	C-6975	UNRUH	D	MISS	2945	11	35.0
HILLENBURG OIL 13-19S 2W	C-9787	F.A. LOVETT	D	MISS	2916	60	34.0
HILLENBURG OIL 26-19S 2W	C-7971	EATON	D	MISS	2930	30	35.0
KERMIT SCHMIDT 1-20S2W	CR11802	WALN		MISS	3066	51	NR
KREHBIEL OIL 34-19S 2W	C-4067	KOEHN B	D	MISS	2963	5	36.0
KREHBIEL OIL 20-19S 1W	C-8813	LACQUEMENT	D	MISS	2980	5	37.0
KWB OIL 36-19S2W	C-3500	P.J. BECKER	D	MISS	2900	33	40.0
PAUL BANDY 30-19S 1W	C-18717	ANDERSON	D	VIOLA	2975	6	35.0
RAY PERERA 35-19S02W	C-7076	C.A. SOMERS DRUM		VIOL	NR	NR	NR
ROUND HILL FIELD							
BRUCE OIL 33-18S 1W	C-14770	KREHBIEL A	D	MISS	2840	10	36.0
ROXBURY SOUTH FIELD							
ELMER UNRUH 20,29-17S 1W	C-3219	BOYD	P	MISS	2650	80	35.0
WHITE HAWK OIL 30-17S 1W	C-17536	BISHOP-LILLY UNIT	D	MISS	2685	5	32.0
VOSHELL FIELD							
HERMAN J. SCHRAG 26-20S3W	C-14203	SCHRAG FLOOD	W	MISS	3090	3	36.0
WELCH-BORNHOLDT FIELD							
DICK HESS 30-20S 5W	C-17665	KNACKSTEDT	D	MISS	3300	40	34.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1968	U	PROD	1	0	54.7	NR	1	0	2.0	NR	0	NR		C-14280
1952	U	PROD	1	0	73.0	NR	5	0	6.2	NR	0	NR		C-7617
1977	T	PROD	2	0	156	308	NR	0	46.7	81.0	46.7	81.0		CR-2785
1957	T	PROD	1	0	75.8	1545	5	1	7.1	1476	7.1	193		C-5630
1974	T	PROD	1	0	78.7	370	6	0	4.6	229	4.6	20.2		C-17403
1958	T	PROD	1	0	86.7	10289	2	0	6.3	203	6.3	23.2		C-5682
1960	T	PROD	1	0	64.4	708	2	0	4.8	215	4.8	16.9		C-8148
1974	T	PROD	3	0	373	6068	14	0	26.9	660	26.9	65.9		C-17373
1976	T	PROD	2	0	938	3733	20	0	10.9	6073	10.9	49.2		C-18480
1960		NR	0	0	0	NR	3	0	4.9	NR	0	NR		C-7969
1959	U	PROD	1	0	102	2392	3	0	1.6	NR	0	NR		C-6975
1948	U	PROD	1	0	800	NR	2	0	4.6	NR	0	NR		C-9787 C-2039
1960		NR	0	0	0	NR	4	0	5.2	NR	0	NR		C-7971
1980	T	PROD	10	1	43.8	NR	3	0	0.4	NR	0	0		CR11802
1965	T	PROD	1	0	9.1	30.6	2	0	1.5	NR	NR	NR		C-4067
1961	T	PROD	1	0	215	452	3	0	3.0	24.1	NR	NR		C-8813
1953	T	PROD	1	0	0	579	1	0	1.7	NR	1.7	NR		C-3500
1977	M	PROD	1	0	432	NR	2	0	4.6	NR	0	0		C-18717
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	141	C-7076 C-6760
1975	U	PROD	1	0	17	85	1	0	1.0	NR	0	0		C-14770
1952	U	PROD	1	0	145	NR	3	0	2.4	NR	0.2	NR		C-3219
1958	U	PROD	1	0	138	4097	1	0	1.3	52.9	1.3	52.9		C-17536
1968	M	PROD &SH SD	1	0	29.2	261	3	0	0.9	48.1	0.9	48.1		C-14203
1974	T	PROD	1	0	88.3	533	1	0	0.5	25.6	0.5	12.6		C-17665

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
MC PHERSON COUNTY							
WINSINGER FIELD							
THORNTON E. ANDERSON 18-21S 1W 13-21S 2W	C-17603	WINSINGER UNIT	W	HUNTON	3354	8	38.0
*SEE ALSO HARVEY-MC PHERSON							
MEADE COUNTY							
ADAMS RANCH FIELD							
WHITAKER ENTERPRISES 25-34S30W	C-6354	A.W. ADAMS D	P	MARM	NR	NR	NR
MCKINNEY FIELD							
GETTY OIL 17-33S27W	C-16693	REGIER	D	MORR	5710	6	NR
NOVINGER FIELD							
CITCO 22,23,26-33S30W 27,34,35-33S30W 2,3-34S30W	C-4924	NOVINGER FIELD UNIT	W	MARM	5297	NR	45.0
MIAMI COUNTY							
BLACK FIELD							
FORREST MCCLUNEY 12-19S24E	C-18713	VAN TYLE,MASSEY,KLEFNER	P	HEPLER	200	10	28.0
ROBERT A. MASON 3,9,10-19S24E	C-13497	SOUTH NEW LANCASTER	W	PERU	200	12	27.0
LOUISBURG FIELD							
EUGENE W. STALLINGS 18-17S25E	C-14695	LOUISBURG UNIT	W	PERU	NR	NR	NR
REESE EXPLORATION 28,34-16S25E	C-5762	LOUISBURG	W	PERU	330	9	33.0
REESE EXPLORATION 9-17S25E	C-18249	LOUISBURG	W	PERU	400	11	32.0
TOWN OIL 33-16S25E 04-17S25E	CR-3772	ROGERS & AIKENS	D	PERU	450	10	32.0
PAOLA-RANTOUL FIELD							
BOUNTY PETROLEUM 13,24-16S21E	C-18291	CHANDLER	W	SQUIR	670	10	30.0
DIAMOND B INDUSTRIES 23-16S21E	C-6337	HENNING	P	SQUIR	NR	NR	NR
DIAMOND-B INDUSTRIES 24-16S21E	C-471	MIAMI FLOOD	P	SQUIR	NR	8	31.5
DIAMOND-B INDUSTRIES 24-16S21E	C-5273	PHILLIPS UNIT	P	SQUIR	680	8	31.5

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YP	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1975	M	PROD & FR	1	0	85.0	539	4	0	13.3	74.6	4.4	22.5		C-17603
1958		PROD	0	0	0	NR	1	0	3.7	NR	0	NR	142	C-6354
1972	U	PROD	1	0	5.4	38.9	0	0	0	0	0	0		C-16693
1956	M	PROD & SHSD	9	0	794	24035	9	0	31.1	3740	31.1	3740		C-4924
NR	U	PROD	3	0	0.6	NR	6	0	0.4	NR	0.2	NR	143	C-18713
1967	M	PROD & POND	10	0	7.5	879	16	0	1.0	74.4	1.0	74.4		C-13497 C-590
NR	U	PROD	1	0	3.7	NR	7	0	1.8	NR	0	55		C-14695
1958	U	PROD	9	0	11.7	NR	37	22	8.6	NR	0.8	NR		C-5762
1964	M	PROD & HER	13	0	67.5	NR	61	33	19.7	NR	4.0	NR		C-18249
1979	U	PROD	2	0	0.5	1.0	9	2	0.4	0.2	0	0		CR-3772
1980	U	PROD	2	0	7.3	NR	20	0	6.8	NR	0	0		C-18291
NR	U	PROD	5	0	1.0	NR	24	6	3.8	NR	0	NR	144	C-6337
NR	U	PROD	18	0	NR	NR	51	8	12.1	NR	2.0	NR		C-471
NR	U	PROD	8	0	5.0	NR	18	6	6.8	NR	1.0	NR		C-5273

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
MIAMI COUNTY							
PAOLA-RANTOUL FIELD							
DONALD L. JOHNSON 4-17S 2E	C-18513	PERDUE	D	SQUIR	610	10	32.0
EVANS & BLOOMER 23-16S21E	CR-7773	SIEG & BEETS	P	SQUIR	680	17	28.0
FLOYD L. JACKSON, JR 23-16S21E	C-18679	BOOZE	P	SQUIR	NR	NR	NR
FOUR J OIL 36-17S21E	CR-9798	JOHNSON		SQUIR	495	9	31.0
HARDING OIL 35-16S21E	CR12781	MILLER ISE		SQUIR	NR	NR	NR
JACK ROWLETT 17-17S23E	CR-3774	GEIGER	W	WAY	382	6	29.0
JACK W. SANDERS 21-16S23E	C-18295	HUFFMAN	D	SQUIR	700	8	30.0
LEO TUCKER BLACKSTON 11-17S22E	C-4829	SCHMITT	W	SQUIR	550	10	31.0
MID-STATES PETROLEUM 1-17S23E	C-18474	EVERHART-SOUTH	P	PERU	450	20	32.0
P & W JT. VENTURES 9-17S22E	C-18289	WINGERT COOPER HOLLINGER	P	SQUIR	700	20	29.0
P & W JT. VENTURES 10-17S22E	C-2494	NICHOLSON-BLACK	W	SQUIR	700	15	27.0
P & W JT. VENTURES 26-16S21E	CR-7782		W	SQUIR	750	10	32.0
P&W JT. VENTURES 10-17S22E	C-4864	BLACK-NICHOLSON	W	SQUIR	700	15	27.0
RANTOUL ENERGY 22-17S22E	C-3132	ABC	P	SQUIR	505	10	24.0
REESE EXPLORATION 24-16S21E	C-5273	MIAMI FLOOD	W	SQUIR	670	12	31.0
REESE EXPLORATION 13-16S21E	CR10785	EBECK MEYERS	W	SQUIR	700	14	28.0
RICHARD MCHERMAN 17-17S23E	C-12704	KEPPLE	P	PERU	NR	NR	NR
SCIMITAR RESOURCES 14-16S21E	C-18294	PHILLIPS PETROLEUM	W	SQUIR	670	8	30.0
TOWN OIL 29-18S23E	C-9128	EMIL J MILLER		PERU	300	10	30.0
TOWN OIL 20-17S23E	C-18587	SCHUKNECHT		PERU	400	10	32.0
VERA CRUZ PETROLEUM 26,35-17S21E	CR-7804	S & W CAYLOR	W	SQ&PERU	550	8	31.0
PRESSONVILLE SHOESTR FIELD							
REESE EXPLORATION 12-16S21E	CR-2801	MITCHELL		SQUIR	700	10	28.0

*SEE ALSO LINN-MIAMI

MONTGOMERY COUNTY							
BREWSTER FIELD							
CARL D. WYCKOFF 4,5-33S16E	C-18143	UNIVERSAL ATLAS	D	ARB	1350	2	22.0
DAVIS OIL CO 2,3-33S16E	C-18649	BRUINGTON	P	PERU	1200	20	24.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1976	U	PROD	1	0	2.2	NR	28	13	9.3	NR	0	NR		C-18513
1977	U	PROD	5	0	14.6	43.8	11	4	3.6	11.0	1.2	3.6		CR-7773
NR	U	PROD	1	0	5.0	11.2	4	0	0.9	3.6	0.9	3.6		C-18679
1979	F	PROD	7	0	51.0	54.3	9	0	4.0	5.8	4.0	5.8		CR-9798
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		CR12781
1977	U	PROD	1	0	0	0	3	0	0	0	0	0	145	CR-3774
1975	U	PROD	3	0	21.9	NR	12	0	1.1	NR	1.1	NR		C-18295
NR	U	PROD	3	0	1.1	NR	8	0	0.6	NR	0.6	NR		C-4829
1976	T	PROD	2	0	6.6	25.6	7	0	1.1	9.1	0.3	2.7		C-18474
NR	M	PROD&FRESH	14	0	68.0	NR	18	3	2.4	NR	2.4	NR		C-18289
1960	M	PROD + FR	11	0	3.6	NR	9	0	1.2	NR	1.2	NR	146	C-2494
1978	T	PROD	2	0	8.6	NR	18	2	6.9	NR	6.9	NR		CR-7782
1960	M	PROD	11	0	3.6	NR	23	0	1.7	NR	1.7	NR	147	C-4864
NR	T	PROD	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	148	C-3132
NR	U	PROD & MISS	6	0	22.5	NR	70	0	13.9	NR	3.3	NR		C-5273 C-471
1978	U	PROD	2	0	4.5	NR	57	0	6.5	NR	1.0	NR		CR10785
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	149	C-12704
NR	U	PROD	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	150	C-18294
NR	U	PROD	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	151	C-9128
1978	U	PROD	3	0	8.0	20.0	7	0	0.9	0.9	NR	NR		C-18587
1980	U	PROD & MISS	8	4	7.0	7.0	55	40	9.6	9.6	0.6	0.6		CR-7804
1980	M	PROD	1	0	1.3	1.3	17	5	3.1	3.1	0.9	0.9		CR-2801
1958	U	PROD	1	0	60.0	NR	13	1	2.6	NR	0	NR	152	C-18143
1976	T	PROD	1	0	1.0	5.0	1	0	0.3	2.0	0.3	2.0		C-18649

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
MONTGOMERY COUNTY							
CANEY FIELD							
MASEK OIL 22,27-34S14E	CR-9806	OVERLOOK	W	WEISER	774	5	29.3
RICHARD GRAMLY 3-35S14E	CR-5792	ELSHEIMER	P	BARTL	1339	15	35.0
COFFEYVILLE-CHERRY FIELD							
ALEXANDER-SEATON 17-34S17E	C-5236	CLARK HUDSON	W	BARTL	605	20	31 0
DAVIS OIL 19,20,30-34S17E	C-9082	COFFEYVILLE PILOT		BARTL	600	30	30.0
DAVIS OIL 34-31S17E	C-18678	SCHICKE	P	BARTL	700	20	28.0
DODSON PRODUCTION 36-31S16E	CR-7775	HOLLOWAY	W	BARTL	NR	NR	NR
DONALD ELDER 19-34S17E	C-18251	ELDER	D	SQUIR	485	8	30 0
G & M WELL SERVICE 5-32S17E	C-16459	HANSFORD	W	BARTL	800	12	31.0
GARY CLAUSING 17-35S17E	C-18625	HELLON-CLAUSING	D	ARB	1185	2	25 0
MASEK OIL 23-33S16E	CR-1812	MCMILLAN	W	ARB	1494	2	26.7
NICHOLAS SAGE 30-31S17E	C-18071	BECKLEY-SMITH	W	BARTL	858	16	34.0
PETROLEUM ENTERPRISE 25,36-34S15E	C-15114	BENSON	D	ARB	1200	5	25.0
RAYMOND BLAES 30,31-31S07E	CR11793	BLAES-MANGAN		BARTL	750	7	32.0
HAVANA-WAYSIDE FIELD							
CHEROKEE OIL PRODUCE 30-5S14E	C-18026	DAVIDSON	D	WAY	650	10	32.0
JEFFERSON-SYCAMORE FIELD							
BRADEN PRODUCTION 36-32S13E 30,31-32S14E	C-4666	CIRCLE BASIN		PERU	NR	NR	NR
CARL D. WYCKOFF 8-33S14E	C-7077	ZINSER	D	BARTL	1190	10	34.0
E & H FARMS 13-34S15E	C-18491	E & H FARMS	P	SQUIR	400	10	29.0
EARL M CAMPBELL 23-34S15E	CR97914	GILLMAN		WAY	354	NR	NR
ENERGY SOURCES - TUL 5,6-32S15E	CR11772	CRANE-DAY	W	BARTL	1150	12	38.0
G - M WELL SERVICE 29-16S31E	C-18129	TINECKNELL-SWEARINGEN	W	BARTL	850	7	31.0
LARENCE ROBERTSON 3-32S15E	CR-5801	HEAPE LSE		BARTL	NR	NR	NR
LAYTON OIL 18-33S15E	C-14651	BOLTON EXTENSION	W	BARTL	1186	15	33.0
LAYTON OIL 13-33S14E 19-33S15E	C-13620	BOLTON EXTENSION	W	BARTL	1170	16	35.0
PETROLEUM ENTERPRISE 20,21-31S15E	CR-6777	SMITH-SHERWIN	D	ARB	1550	3	NR
STEKOLL PETROLEUM 6-33S15E	C-2045	FIELD NO. 3	W	BARTL	1160	13	35.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1980	U	PROD	1	1	2.0	2.0	7	8	1.0	1.0	0	0		CR-9806
1979	U	PROD	1	0	3.0	3.2	1	2	0.2	0.2	0	0		CR-5792
1968	U	PROD	6	0	25	NR	13	1	14	NR	08	NR		C-5236
1954	T	PROD	11	0	120	2881	9	0	3.3	735	3.3	129	C-9081	C-9082 C-4034
1977	T	PROD	1	0	7.0	28.0	2	0	0.1	1.0	0.1	1.0		C-18678
NR	U	PROD	1	0	9.1	NR	14	0	1.2	NR	0	NR		CR-7775
1977	U	PROD	1	0	12	NR	4	0	05	NR	NR	NR		C-18251
1966	U	PROD	1	0	NR	NR	8	0	1.8	NR	1.8	NR		C-16459
1977	U	PROD	1	0	300	100	1	0	03	NR	03	1 0		C-18625
1981	U	PROD	0	1	0	0	1	0	2.3	2.3	0	0		CR-1812
1976	U	OSWE	1	0	12	65.2	9	0	1.4	19.5	0.6	5.4		C-18071
1970	U	PROD	1	0	4.5	182	2	0	0.5	23	0.4	NR	153	C-15114
NR	U	PROD	1	0	0.3	NR	4	1	0.7	NR	0	NR		CR11793
1980	U	NR	1	0	NR	NR	3	0	0.4	NR	0	0	154	C-18026
NR	N	NR	0	0	0	0	0	0	0	0	0	0	155	C-4666
1960	U	PROD	2	0	8.5	NR	4	2	1.1	NR	0	NR	156	C-7077
1976	U	PROD	1	0	NR	NR	10	0	0.9	0	NR	NR		C-18491 C-13445
1978	M	PROD	1	0	7.3	7.3	8	2	1.1	1.1	0	0		CR97914
1978	M	PROD&LKC	1	0	1.2	7.2	3	0	0.2	2.3	NR	NR	157	CR11772
1975	U	PROD	1	0	NR	NR	6	0	0.4	NR	0.4	NR		C-18129
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		CR-5801
1968	U	PROD & ARB	3	0	2.3	424	3	0	0.7	28.5	0.7	28.5		C-14651
1967	U	PROD & MISS	10	0	106	2020	14	0	2.6	95.0	2.6	95.0		C-13620 C-10093
1976	U	PROD	1	0	9.0	279	8	0	0.9	21	0.5	NR	158	CR-6777
1959	M	PROD + FR	6	0	29.9	NR	8	0	2.4	NR	NR	NR		C-2045

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
MONTGOMERY COUNTY							
JEFFERSON-SYCAMORE FIELD							
STEKOLL PETROLEUM 15,16,21-34S15E	C-7871	FIELD NO. 2	W	WAY	450	13	32.0
SUNRISE OIL 24-34S15E	C-8023	GILLMAN	W	WAY	NR	NR	NR
NEODESHA FIELD							
GEORGE HEMPEN 11-31S16E	CR-4776	NANTZ	P	BARTL	911	NR	37.0
SORGUM HOLLOW FIELD							
TEMPLE OIL 17,19,20-32S14E	C-4990	FOWLER		WEISER	NR	NR	NR
TYRO FIELD							
COLLINS OIL 18-35S15E	C-18002	VINSON	D	BARTL	1240	23	34.0
COLLINS OIL 4,5-35S15E	C-17353	COLLINS	W	BARTL	1220	28	33.0
DIAMOND OIL PROD 9-35S15E	C-14676	BACHMAN	D	WAY	640	14	30.0
H & H OIL WELL SERV 3,10-35S15E	C-18298	TUGGLE	W	BARTL	1200	15	32.0
H&W PROD 10-35S15E	C-8017	BURT-DUNBAR	P	BARTL	1180	15	31
L & B OIL 10-35S15E	CR-9805	FIELDS	P	WAY	NR	NR	NR
LAYTON OIL 33-34S15E	C-14036	TYRO UNIT	W	BARTL	1164	17	32.0
UNITED WESTERN ENERG 15,16-35S15E	CR11771	NEWBY-FOLK	W	BART	1216	23	NR
WAYSIDE-HAVANA FIELD							
DAVIS OIL 10-64S14E	CR10776	WATSON	W	WAY	700	20	28.0
DIAMOND OIL PROD 32-33S14E	C-18020	MAN TOOTH		WAY	NR	NR	NR
DODSON PRODUCTION 26-33S14E	CR11773	PATTERSON	W	WAY	NR	NR	NR
GATOR OIL 17,20-34S15E	C-10448	MCCONNELL UNIT	D	WAY	500	20	31.0
GATOR OIL 25-34S14E	CR-9804	KOGER	D	BARTL	1350	10	36.0
HORTON AND MCKEE OIL 28-33S14E	C-7983	SMOTHERMAN		WAY	700	20	28.0
HORTON AND MCKEE OIL 33-33S14E	C-15264	BERRY		WAY	750	20	29.0
HORTON AND MCKEE OIL 33-33S14E	C-3222	HAVENER		WAY	690	20	29.0
HORTON AND MCKEE OIL 15-34S14E	C-17885	KELLEMBERAER		WEISER	750	20	30.0
HORTON AND MCKEE OIL 28,33-33S14E	C-11172	MONTOOTH-DUNHAM		WAY	700	20	29.0
LAYTON OIL 5,7,8-34S14E 32-35S14E	C-13726	WAYSIDE	W	WAY	718	18	30.0
LAYTON OIL 4,5-34S14E	C-326	BRAGG-RIGGLE	W	WAY	660	30	30.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1957	M	PROD + FR	40	0	243	NR	52	2	13.4	NR	NR	NR		C-7871
NR	U	PROD	2	0	14.6	NR	13	5	11.0	NR	0	NR	159	C-8023
1977	U	PROD	1	0	8.6	32.7	15	0	2.2	21.7	1.0	3.1		CR-4776
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	160	C-4990
NR	U	PROD	0	0	0	NR	3	0	20.0	61.5	13.0	47.0		C-18002
1974	U	PROD	1	0	36.5	354	4	0	0.3	3.2	0.2	1.4		C-17353
1955	U	PROD	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	161	C-14676
1976	U	PROD	1	0	3.0	NR	7	3	2.1	NR	1.0	NR		C-18298
1979	U	PROD	1	1	2	NR	4	3	7	NR	0	NR		C-8017
NR	U	PROD	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	162	CR-9805
NR	T	PROD & TUCK	11	0	239	2085	14	3	4.0	40.8	4.0	40.8		C-14036
1979	T	PROD	1	0	10.0	NR	2	0	1.0	NR	0	NR		CR11771
1977	T	PROD	2	0	6.5	26.0	1	0	0.4	2.1	0.4	2.1		CR10776
NR		NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	163	C-18020
NR	U	PROD	1	0	0.4	NR	1	0	0.1	NR	0	NR		CR11773
NR	U	PROD	3	0	7.0	NR	10	0	0.6	NR	0.6	NR		C-10448
1980	U	PROD	1	1	1.0	1.0	3	2	2.0	2.0	0	NR		CR-9804
NR	N	NR	0	0	0	0	2	0	1.1	NR	0	0		C-7983
NR	N	NR	0	0	0	NR	14	2	2.8	NR	NR	NR	164	C-15264
NR	N	NR	0	0	0	0	8	0	2.7	NR	0	0		C-3222
NR	N	NR	0	0	0	0	6	2	0.7	NR	0	0	165	C-17885
NR	N	NR	0	0	0	0	17	4	4.5	NR	0	NR		C-11172
1974	U	PROD & SWS	60	14	534	3506	131	15	31.9	412	31.9	412		C-13726
												C-10447	C-9034	C-1439
1970	U	PROD	33	2	286	543	62	1	15.4	67.1	15.4	67.1		C-326

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
MONTGOMERY COUNTY							
WAYSIDE-HAVANA FIELD							
LAYTON OIL 35-33S14E	C-13823	BOAN	W	WAY	650	30	NR
LAYTON OIL 16-34S14E	C-10442	BERNICE HECHT		WISER	NR	NR	NR
LEON R. HARDING 34-33S14E NR-WAYSID	C-11768	E.L. COPELAND		NR	NR	NR	NR
MELVIN A. BETTS 16,17,18,20,21-23S17W	CR10802	BETTS		BARTL	1358	15	38.0
RAYGARY OIL 20-33S14E	C-18029	CIRCLE C	P	WISNER	784	14	31.0
RAYGARY OIL 34-33S14E	C-4513	WATSON	P	WAY	722	20	29.0
RAYGARY OIL 34-33S14E	C-18019	DEFENBAUGH	P	WAY	682	20	29.0
SNUGGS ENERGY 32-33S14E	CR-5788	WILEY	W	WAY	690	NR	30.0
SUNRISE OIL 12-34S13E	C-11852	DALBY	W	WAY	NR	NR	NR
SUNRISE OIL 13-34S04E	C-17941	NUNNELEY	W	WAY	NR	NR	NR
SUNRISE OIL 27-33S14E	C-17993	VEITH		WAY	NR	NR	NR
SUNRISE OIL 05-34S14E	C-18598	KELLENBERGER	W	WAY	NR	NR	NR
TEMPLE & ROARK 28-33S14E	C-13393	WEST BLAKE		WAYSIDE	NR	NR	NR
TEMPLE & ROARK 28-33S14E	C-13394	BROWNLEE		WAYSIDE	NR	NR	NR
TEMPLE & ROARK 28-33S14E	C-13395	TUCKER		WAYSIDE	NR	NR	NR
TEMPLE & ROARK 27,34-33S14E	C-15387	EAST BLAKE		WAYSIDE	NR	NR	NR
WHEELER & HADDEN 18-34S15E	C-16035	SNELL UNIT	D	WAY	550	30	31.9

*SEE ALSO LABETTE-MONTGOMERY

MORRIS COUNTY							
BOSCH FIELD							
GEAR PETROLEUM 24-16S 7E	C-17028	BOSCH	W	HUNTON	2721	NR	24.6
COMISKEY FIELD							
M.L. BROWN 13-16S 9E	C-15416	PORTER A	D	VIOLA	2930	18	NR
MORTON COUNTY							
BERRYMAN FIELD							
LADD PETROLEUM 26,27,34,35-32S41W 2,3,8,9,10,16-33S41W 17-33S41W	C-18039	BERRYMAN-RICHFIELD	W	MORR	4925	20	38.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1967	U	PROD	1	0	0	91.2	2	0	0.2	4.3	0.2	4.3		C-13823
NR		NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	166	C-10442
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		C-11768
1975	U	PROD	1	0	1.5	1.5	2	1	1.5	1.5	0	0		CR10802
1975	T	PROD	6	0	18.3	NR	0	0	2.2	NR	0.8	NR		C-18029
1976	T	PROD	1	0	2.0	NR	3	0	1.1	NR	0.4	NR		C-4513
1975	U	PROD	2	0	4.4	NR	14	0	1.2	NR	0.5	NR		C-18019
1979	U	PROD	3	0	9.0	NR	7	3	0.3	NR	0.3	NR	167	CR-5788
NR	U	PROD	6	0	21.9	NR	8	0	1.1	NR	0	NR	168	C-11852
NR	U	PROD	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	169	C-17941
NR	U	PROD	3	0	14.6	NR	5	0	1.8	NR	0	NR	170	C-17993
NR	U	PROD	2	0	91.3	NR	5	0	2.6	NR	0	NR	171	C-18598
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		C-13393
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		C-13394
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		C-13395
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		C-15387
1971	U	PROD	5	0	4.8	49.3	46	0	11.1	104	1.6	9.5		C-16035
1973	M	PROD	2	0	460	NR	2	0	4.0	NR	4.0	NR		C-17028
1970	T	PROD	1	2	710	3734	1	0	4.8	117	0	0		C-15416
1976	F	FR&PROD	7	0	1147	11377	8	0	499	1475	499	1179		C-18039

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
MORTON COUNTY							
ELKHART FIELD							
TEXACO 23-35S43W	C-15918	CARTHAGE NE MORROW A	W	MORR	4300	15	40.4
ELKHART WEST FIELD							
POWELL & STONE 15-35S43W	CR-4801	PRITCHETT		MORR	4270	20	40.0
GREENWOOD GAS AREA FIELD							
EDWIN L. & BERRY R. 13,24-35S42W 18,19-35S41W	CR-6804	N. W. FLATS UNIT		MORROW	4850	17	40.0
INTERSTATE FIELD							
ANADARKO PRODUCTION 05-35S43W	C-13442	WEBSTER C		MORR			
ANADARKO PRODUCTION 8,9,16,17,20-34S43W 21,28,29,31,32-34S43W	C-11602	INTERSTATE PURDY UT	W	PURDY	4192	35	39.0
ANADARKO PRODUCTION 26,35-35S42W 2-35S42W	C-15849	TALOGA MORROW G UNIT	W	MORR	4494	11	43.5
TALOGA SOUTH FIELD							
CITCO 1,10,11,12,13-35S42W 14-35S42W	C-13899	MORROW G SAND UNIT	W	MORR	4553	14	39.0
WILBURTON FIELD							
CITCO 28,29,32,33-34S41W	C-12571	WILBURTON MORROW C	P	MORR	4900	20	40.2
CITCO 5-35S41W	C-13848	WILBURTON MORROW UT	W	MORR	5050	1	40.2
NEOSHO COUNTY							
BENEDICT FIELD							
LAYTON OIL 9-28S15E	C-10473	EMPLOYERS REINSURANCE		BARTL	NR	NR	NR
ERIE FIELD							
BRANDES OIL 22-28S19E	CR-5804	VAN SICKLE	W	BARTL	600	12	25.0
EXCEL OIL COMPANY 23,24,26-28S19E	C-10686	KNIGHT-BAKER	P	BARTL	500	15	28.0
EXCEL OIL COMPANY 24,25-28S19E 19,30-28S20E	C-10687	HARDING ET AL	P	BARTL	500	15	27.0
GRAYBOL-PATTON 10,11,14-28S19E	C-15761	HUDSON UNIT	W	BARTL	600	15	32.0
GRAYBOL-PATTON 13,18-28S19E	C-15249	KINNE UNIT	W	BARTL	600	15	32.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1971	M	PROD & OGLA	1	0	108	1243	1	0	3.8	112	3.8	112		C-15918
1980	T	PROD	1	0	100	100	1	0	10.7	110	10.7	10.7		CR-4801
NR	N	NR	0	0	0	0	21	0	63.7	63.7	0	0	172	CR-6804
NR			NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	173	C-13442
1965	M	PROD + FR	14	0	6559	101934	29	0	402	22563	402	15394		C-11602
1971	M	PROD & OGLA	2	0	122	4804	4	0	8.4	603	8.4	73.5		C-15849
1965	M	PROD & OGLA	7	0	1119	9111	7	0	70.7	1179	70.7	1179		C-13899
1966	M	PROD & OGLA	8	1	1517	21706	17	1	224	7750	224	7750		C-12571
1968	M	PROD & OGLA	3	0	75.7	1605	1	0	1.3	157	1.3	157		C-13848
1974	T	PROD	0	0	NR	NR	3	0	NR	NR	NR	NR	174	C-10473
1981	T	PROD	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	175	CR-5804
1962	M	PROD&FR	10	0	43.8	NR	12	0	2.1	187	2.1	187	176	C-10686
1962	M	PROD&FR	6	0	38.0	NR	4	0	1.4	13.9	1.1	104.	177	C-10687
1970	M	PROD & FR	14	0	120	NR	29	1	6.5	153	6.5	153		C-15761
1969	M	PROD & FR	13	0	211	2062	17	2	6.3	210	NR	210		C-15249

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
NEOSHO COUNTY							
ERIE FIELD							
GRAYBOL-PATTON 13-28S19E	C-11382	SHAW UNIT	W	BARTL	600	15	32.0
HAROLD HADLEY 14,15,22-28S19E	C-3405	SHAW UNIT	P	BARTL	NR	NR	NR
JAY EVANS 27-28S20E	C-15675	MAPHIES	W	BARTL	520	8	32.0
LAVERNE WORLEY 2-29S20E	C-17765	STEGMAN	W	BARTL	550	11	32.0
OIL AND GAS SERVICES 34,35,36-28S20E	CW-3781	ERIE PROJECT	W	BARTL	500	14	31.0
WINDER & WINDER 30-28S20E	CR-9808	ROBERTS		BARTL	525	10	32.0
WINDER & WINDER 19-28S20E	C-17010	L.J. RICHARD		BARTL	535	20	32.0
HUMBOLDT-CHANUTE FIELD							
CACHE OIL 13-27S18E	C-4501	BLUME		BARTL	780	15	32.0
EDWIN L. DANIELS 21,22,28-27S19E	CR-4784	LOCKE	D	BARTL	700	10	32.0
EDWIN L. DANIELS 35-26S18E	CR-2802	M & L JOHNSON		BARTL	800	10	30.0
F.B. SHOOK 6-27S19E	C-18363	BURRIS	P	BARTL	740	6	31.0
GRAYBOL-PATTON 33,34-27S19E 3-28S19E	C-17823	LA RUE	W	BARTL	740	10	32.0
HADLEY A. WAIT 19-28S18E	CR-9779	DALEY	D	BARTL	800	15	32
KLI PETROLEUM 23,24-27S19E	C-18660	CLAUS-WALTERMIRE	D	BARTL	750	NR	NR
LAVERNE WORLEY 14-28S18E	C-17053	SOUTH CADDO	W	BARTL	970	25	32.0
LAYTON OIL 18-28S18E	C-14681	EARLTON		BARTL	NR	NR	NR
L.F. KEPLEY OIL ACCT 2-28S17E	C-18268	KEPLEY	W	SQU&CAT	820	28	NR
MAX L. ALCOCK 25-27S17E	C-11784	WASSER-BOWER	W	BARTL	880	11	32.0
NEOSHO OIL & GAS 15-27S19E	CR-7794	REINHARDT-DILLION	W	BARTL	850	20	32.0
NEOSHO OIL & GAS 20,28,29-27S19E	CR-2809	CECIL WATTS UT	W	BARTL	750	20	32.0
P & W JT. VENTURES 17-28S18E	CR-7781	DENNIS	W	BARTL	760	13	36.0
P & W JT. VENTURES 20-28S18E	C-4121	FICKLE	W	BARTL	760	13	36.0
TEXACO 1,2,10,11,12-27S18E 14,15,21,22-27S18E 6,7-27S19E 26,27-27S18E	C-741	RUSSELL BLOCK	W	BARTL	700	20	32.0
VERA CRUZ PETROLEUM 24-28S18E 19-28S19E	CR-3803	CHEYNEY, HARDING, MCCOY	W	BARTL	750	10	28.0
WINDER & WINDER 8-27S20E	CR-4787	OLSON	P	BARTL	775	5	28.0
MC CUNE WEST FIELD							
HICKORY CREEK OIL 26,27,34-30S21E 3-31S21E	CR97918	GRAY	P	CHER	184	10	28.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1963	M	PROD & FR	2	0	56.0	853	4	0	0.9	25.2	0.9	25.2		C-11382
NR	U	PROD	0	0	0	NR	0	0	0	NR	0	NR	178	C-3405
1975	T	PROD&FR	1	0	4.1	94.1	10	7	1.8	10.8	1.0	4.0	179	C-15675
1980	T	PROD	3	0	0.4	NR	6	0	0.8	NR	0.6	NR	180	C-17765
NR	U	PROD	30	0	140	352	59	0	6.9	NR	6.9	20.4		CW-3781
1980	U	PROD	3	0	36.5	NR	11	0	1.5	NR	0	0		CR-9808
NR	U	PROD	10	0	45.5	NR	9	2	14.5	NR	0	0		C-17010
1960	U	PROD	0	0	0	NR	4	0	0.5	NR	0	NR	181	C-4501
1976	U	PROD	1	0	1.8	NR	1	0	0.2	NR	0	NR		CR-4784
1978	U	PROD	1	0	2.2	2.2	4	3	1.5	1.5	0	0		CR-2802
1976	U	PROD	1	0	1.5	NR	6	0	1.1	NR	0	NR		C-18363
1978	M	PROD & FR	4	1	59.0	71.6	34	2	7.8	45.9	1.5	1.5		C-17823
1977	U	PROD	2	0	1.5	6.0	3	0	0.7	3.0	0.1	0.5		CR-9779
NR	U	PROD	1	0	0.2	NR	6	1	0.2	NR	NR	NR		C-18660
1978	U	PROD	3	0	36.5	NR	6	0	3.1	NR	0.8	NR	182	C-17053
NR		NR	0	6	0	300	0	0	0	16.4	0	16.4	183	C-14681
1976	T	PROD & TUCK	3	0	33.4	106	4	5	0.7	4.5	0.7	4.5		C-18268
NR	T	PROD	5	0	16.4	24.0	15	0	2.8	3.9	0.3	0.4		C-11784
1979	T	MISS	2	0	18.2	36.5	6	3	1.2	2.4	NR	NR		CR-7794
1979	T	MISS	4	0	36.0	58.0	8	2	2.0	NR	NR	NR		CR-2809
1978	T	PROD	1	0	3.6	NR	3	0	0.6	NR	0.6	NR		CR-7781
NR	T	PROD	1	0	3.6	NR	4	0	1.0	NR	1.0	NR		C-4121
1974	M	PROD & ARB	34	0	126	5593	34	0	5.8	89.4	5.8	89.4		C-741 C-514
1980	U	PROD & MISS	12	4	15.0	15.0	26	50	3.6	3.6	0.3	0.3		CR-3803
1978	U	PROD	2	0	1.8	NR	2	0	0.4	NR	0	0		CR-4787
1979	U	PROD + MISS	66	42	290	311	76	42	37.4	43.1	37.4	40.8		CR97918

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
NEOSHO COUNTY							
ST. PAUL WALNUT FIELD							
KLI PETROLEUM 17-29S21E	C-8870	O'BRIEN	D	BARTL	410	NR	NR
ST. PAUL-WALNUT FIELD							
DRILEX OIL & GAS 33-28S21E	C-8930	VAN LEEUWEN-DENT	W	BARTL	400	10	30.0
THAYER FIELD							
LAMCO ENERGY 25,26-29S17E	C-8338	THAYER UNIT	D	BARTL	930	6	34.0
OIL FIELD MANAGEMENT 30-30S18E	CW-3782	THAYER WF		BARTL	850	20	27.0
TRENT FIELD							
DRILEX OIL & GAS 23-28S20E	C-10766	BLAINE ET AL	W	BARTL	470	10	29.0
ERIE OIL 22-28S20E	C-8145	EDWARD STANLEY	W	BARTL	475	16	29.0
JACKSON OIL 22-28S20E	C-8378	MCDERMED	W	BARTL	480	20	30.1
JACKSON OIL 22-28S20E	C-16939	YARNELL	W	BARTL	480	20	20.0
JAY EVANS 23-28S20E	C-7073	DAGETT-HAZEN	W	BARTL	500	5	29.0
TRENT EAST FIELD							
JACKSON OIL 29-28S21E	C-9986	CASADY	W	BARTL	380	20	31.0
WALNUT FIELD							
L & L OIL 29-28S21E	CR-1782	HOAGLAND	P	BARTL	395	14	30.0
WEST CHANUTE FIELD							
ALFAZAL INT. INC 12-28S17E	C-17550	WILLIS A & B C-G	D	BARTL			24.0
WILLIS FIELD							
KANTANA RESOURCES 12-28S17E	C-17550	R.M. WILLIS	D	BARTL	900	20	30.0
*SEE ALSO ALLEN-NEOSHO							
NESS COUNTY							
ALDRICH FIELD							
CONOCO 7,8-18S25W	C-8805	ALDRICH	W	MISS	4350	12	36.1
HILLENBURG OIL 22,23,24-18S26W	C-7632	ALDRIDGE	D	MISS	4430	8	36.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
NR	U	PROD	2	0	26.3	NR	12	1	0.3	NR	NR	NR		C-8870
1966	M	PROD	10	0	36.0	NR	13	0	2.4	NR	8.0	NR		C-8930 C-4612
1976	U	PROD	4	0	35.0	83.0	20	13	11.0	59.0	1.0	15.0	184	C-8338
1978	U	PROD	2	0	74.7	21.7	24	0	3.6	10.3	3.6	10.3	185	CW-3782
1967	T	PROD	8	0	32.0	NR	39	0	18.0	NR	10.0	NR		C-10766
NR	M	PROD & FR	9	0	30.0	220	11	1	1.8	60.3	1.8	60.3		C-8145
1968	T	FROD & ARB	13	0	30.6	312	17	0	4.7	45.6	NR	NR		C-8378
1976	T	PROD & ARB	44	0	70.5	292	73	26	12.9	32.4	NR	NR		C-16939
NR	U	PROD&ARB	8	0	36.5	NR	18	0	2.4	NR	0	0	186	C-7073
1973	T	PROD & ARB	30	0	31.7	2382	63	0	12.5	381	NR	NR		C-9986
NR	M	PROD	4	0	0.4	NR	3	0	0.1	NR	0.1	NR		CR-1782
1980	U	PROD	1	0	0.5	0.7	12	8	1.1	2.0	0	0	187	C-17550
1975	U	PROD	3	0	30.0	100	37	17	1.5	5.0	0.5	1.0	188	C-17550
1968	U	PROD	1	0	308	2569	4	0	8.9	119	8.9	68.9		C-8805
NR	U	PROD	1	0	362	NR	10	0	18.2	NR	0	NR	C-2952	C-7632 C-4276

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
NESS COUNTY							
ALDRICH FIELD							
PALOMINO PETROLEUM 4-18S25W	CR12773	REED		MISS	4300	10	38.0
PALOMINO-REED OIL 27,33,34-17S25W	C-18583	PALOMINO-REED		MISS	4303	6	37.0
TENNECO 8-18S25E	C-7751	EVERETT	D	MISS	4390	37	35.7
THORNTON E. ANDERSON 22-18S26W	C-9920	EDWARDS	D	MISS	4500	10	37.0
ALDRICH NORTHEAST FIELD							
GRIGGS OIL 26-17S25W	C-13484	SHEARER B	P	MISS	4300	30	37.0
BELLESPRITE FIELD							
WALTERS DRILLING 22-16S21W	C-14896	RYAN	P	CHER	4260	15	33.0
DICKMAN FIELD							
WALTERS DRILLING 8,17,18-17S24W	C-10347	DICKMAN	P	MISS	4500	40	35.0
DICKMAN SOUTHEAST FIELD							
PALOMINO PETROLEUM 16,21-17S24W	CR-7776	HABIGER-KEILMAN	D	MISS	4393	10	36.0
KEILMAN NO. FIELD							
PALOMINO PETROLEUM 20-17S24W	CR-8806	GERSTNER "C"	D	CHER	4337	45	35.0
MINER FIELD							
THUNDERBIRD DRILLING 13-18S24W 18-18S23W	CR-3805	MINER UNIT	W	MARM	4079	10	43.0
NIRVANA FIELD							
LEBEN OIL 23-18S24W	C-16067	DEBES		MISS	4310	2	NR
PETERSILIE FIELD							
CONOCO 30-20S24W	CR77713	PETERSILIE, SE	W	MISS	4319	19	36.4
GULF 14-20S24W	C-10676	PETERSILIE	P	MISS	4388	22	38.0
MELTZER OIL 14-20S24W	C-17321	PETERSILIE	D	MISS	4406	4	36.0
PRAIRIE RIDGE FIELD							
EMPIRE DRILLING 7-16S26W	C-17417	ARMSTRONG	P	MISS	4520	NR	37.8
STUTZ EAST FIELD							
OIL PROPERTY MGT 8,9,10,16-17S25W	C-17407	RUPP F	P	MISS	4440	20	37.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1978	U	PROD	1	0	114	251	5	1	11.4	47.9	0	0		CR12773
1976	T	PROD & DAK	1	0	67.9	283	6	0	12.6	78.4	12.6	78.4		C-18583
1955	T	PROD	1	0	43.8	998.8	1	0	0.8	305	0	0		C-7751
1963	U	PROD	1	0	15.0	270	1	0	1.0	71.0	0.2	0.7		C-9920
1967	U	PROD	1	0	250	2590	5	0	15.2	566	NR	NR		C-13484
NR	U	PROD	1	0	49.7	NR	1	0	6.8	NR	3.4	NR		C-14896
1963	U	PROD	1	0	485	NR	8	0	26.2	NR	13.1	NR		C-10347
1977	U	PROD	1	0	34.8	115	3	0	7.3	62.9	0	0		CR-7776
1980	U	PROD	1	1	22.0	22.0	2	0	7.9	7.9	0	0		CR-8806
1980	T	CHER	2	0	226	226	8	0	8.7	473	0	0		CR-3805
1971	T	PROD	1	0	14.6	77.6	1	0	0.7	NR	0	0		C-16067
1977	U	PROD	1	NR	8.4	194	4	NR	6.9	18.7	6.9	18.7		CR77713
1964	U	PROD	1	0	103	1647	2	0	5.8	420	5.8	420		C-10676
1974	U	PROD	1	0	37.4	NR	3	1	3.2	NR	NR	NR		C-17321
1974	T	PROD	1	0	12.5	84.7	1	0	5.9	235	1.5	8.7		C-17417
1974	T	PROD	1	0	164	1005	12	2	47.4	389	11.8	24.7		C-17407

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
NESS COUNTY							
SUNSHINE FIELD							
PALOMINO PETROLEUM 7-19S24W 12-19S25W	CR-7774	MCDONALD	D	MISS	4390	10	38.0
NORTON COUNTY							
HANSEN ESTATE FIELD							
LEBEN OIL 2-5S22W	C-15718	HANSEN EST	W	GORHAM	3500	9	NR
HARTING FIELD							
ROBERT E. DAVIS 2- 4S23W	C-17985	HARTING	W	REAGAN	3701	10	28.0
HEWITT FIELD							
BAIRD OIL 11-04S18W	CR28013	NUTTYCOMB	P	KC	3500	200	36.0
OSAGE COUNTY							
LAST CHANCE FIELD							
ALCO DRILLING 31-18S15E	CR28017	BRANDON	P	BARTL	1500	20	34.0
OSBORNE COUNTY							
NATOMA FIELD							
GRAHAM-MICHAELIS 19,30-10S19W	CR10782	LOCKE-LOCKE BROS	D	CONGL	3600	20	NR
PAWNEE COUNTY							
BADGER HILL FIELD							
WALTERS DRILLING 7-23S18W	C-16981	ZUGG	P	LKC	4044	8	40.0
BENSON FIELD							
CITCO 31,32-23S15W	C-6115	BENSON UNIT SE	W	LKC	3700	35	41.0
DUNES NORTH FIELD							
KAISER-FRANCIS 15-22S15W	C-18063	FERTIG B	D	LKC	3512	231	41.0
GARFIELD FIELD							
A.L. ABERCROMBIE 9-23S17W	C-8878	HUTCHISON D	D	MISS	4228	26	35.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1977	U	PROD	1	0	39.5	132	3	0	5.4	27.0	0	0		CR-7774
1974	T	PROD	1	0	24.0	60.0	8	0	23.4	117	0	0		C-15718
1975	U	PROD	0	0	0	154	4	0	4.5	134	0	0		C-17985
1980	T	PROD	1	0	55.0	55.0	3	0	15.4	25.0	13.4	15.4		CR28013
1979	T	PROD	1	0	91.2	106	0	0	1.4	3.1	0	0		CR28017
1978	U	PROD	2	1	800	1250	8	1	119	262	NR	NR		CR10782
1973	U	PROD	1	0	87.6	NR	3	0	14.8	NR	7.4	NR		C-16981
1958	M	PROD & FR	3	0	246	8914	2	0	3.0	886	3.0	351		C-6115
NR	T	PROD	1	0	6.0	28.0	1	0	1.5	NR	0.8	NR		C-18063
1965	U	PROD	1	0	50.7	1596	2	0	2.1	611	0	1.0		C-8878

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
PAWNEE COUNTY							
GARFIELD FIELD							
A.L. ABERCROMBIE 15-23S17W	C-13723	FERTIG	D	MISS	4220	30	35.0
CHAPMAN EXPL 19,20-23S17W	C-17291	SHOEMAKE	W	MISE	4300	10	NR
M.L. BROWN 16,17,18,20,21-23S17W	C-10116	GARFIELD	P	MISEMIS	4300	30	37.0
M.L. BROWN 16,17,18,30-23S17W	C-12708	GARFIELD UNIT		NR	NR	NR	NR
HURRAY FIELD							
A. SCOTT RITCHIE 2-22S15W	C-17322	COMPTON	P	ARB	3947	103	60.0
F & M OIL 34-21S15W	CR11803	SCHARTZ	P	ARB	4013	10	30.3
LOVETT FIELD							
LEBEN OIL 35-22S15W	C-17123	GUFFY		TOP-LKC	3686	6	NR
ORO NORTHWEST FIELD							
NCRA 5-20S19W	C-14971	VAN RENSSELAER	W	PAWNEE	4194	7	45.4
POINT VIEW FIELD							
F & M OIL 25-22S15W	C-18538	POINT VIEW	P	LANS	3570	5	24.0
RUTHERFORD FIELD							
MURFIN DRILLING 5-20S16W	C-14328	ALMQUIST WF	P	ARB	3788	125	42.0
SHILEY FIELD							
CITCO 13,14-20S20W	C-12417	SHILEY WF	W	B PENN	4170	7	36.0
PHILLIPS COUNTY							
BECKMAN SOUTH FIELD							
PETROLEUM MANAGEMENT 9,10- 4S19W	C-16225	BECKMAN SOUTH	W	LKC	3248	116	36.0
DAYTON FIELD							
SIERRA PETROLEUM 25,26,35,36- 2S19W	C-8011	DAYTON UNIT	W	KC	3382	23	34.0
DELLA FIELD							
PETROLEUM MANAGEMENT 19-04S19W 24- 4S20W	C-15367	SLINKER	W	LKC	3180	152	35.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1967	U	PROD	1	0	33.5	624	2	0	3.3	344	0	4.7		C-13723
NR	U	PROD											189	C-17291
1963	T	PROD	1	0	35.7	1513	3	0	6.5	1395	1.6	48.9		C-10116
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	190	C-12708
1974	U	PROD	4	0	236	1010	4	0	6.7	142	NR	NR		C-17322
1980	U	PROD	1	0	9.2	9.2	6	4	0	NR	47.6	47.6		CR11803
1974	U	PROD	1	0	3.7	41.6	1	0	1.2	NR	0	0		C-17123
1969	U	PROD	1	0	162	1181	3	0	6.0	391	0	0		C-14971
1975	U	PROD	1	0	21.2	89.4	1	0	2.6	25.5	NR	NR		C-18538
1968	T	PROD	1	0	47.2	796	2	0	1.7	354	0	0		C-14328
1961	M	PROD & DAK	1	0	100	2942	2	0	3.8	546	3.8	324		C-12417 C-8460
1971	T	PROD & DAK	5	0	243	1868	8	0	13.9	365	13.9	188		C-16225
1961	T	PROD & CHEY	6	0	337	5128	7	0	20.2	1498	20.2	98.0		C-8011
1970	T	PROD	1	0	65.1	554	2	0	1.7	24.7	1.7	18.7		C-15367

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
PHILLIPS COUNTY							
FREDERICKSBERG FIELD							
LADD PETROLEUM 9- 1S18W	C-15214	SEYLER UNIT	W	LKC	3050	450	35.0
HANSEN FIELD							
CITCO 14,22,23-5S20W	C-17919	HANSEN COOP WF	W	LKC	2926	30	36.0
GETTY OIL 22,23- 5S20W	C-17918	B.O. GRAHAM	W	LANS	3232	32	34.0
HUFFSTUTTER FIELD							
BAIRD OIL 15- 1S18W	C-17599	WOLF	W	KC	3500	200	36.0
GOODS & PHILLIPS 22- 1S18W	C-15283	O'NEILL PM	P	LKC	3327	20	34.0
LADD PETROLEUM 16,17,20,29- 1S18W	C-6746	N. HUFFSTUTTER	W	LKC	3400	254	36.0
PETROLEUM MANAGEMENT 31- 1S18W	C-13834	HUFFSTUTTER NORTHWEST	W	LKC	3350	235	37.0
PETROLEUM MANAGEMENT 31- 1S18W 5,6,7- 2S18W	C-8461	CENTER HUFFSTUTTER UNIT	W	LKC	3365	235	37.5
PHILLIPS PETROLEUM 13- 2S19W	C-8141	HUFFSTUTTER COOP UNIT	W	LKC	3400	50	35.0
PHILLIPS PETROLEUM 7- 2S18W 12- 2S19W	C-9984	HUFFSTUTTER	W	LKC	3400	50	36.0
SIERRA PETROLEUM 23- 2S19W	C-8195	HEFFRON	W	LKC	3469	176	32.0
KINTER FIELD							
PETROLEUM MANAGEMENT 19,29,30- 4S19W	C-16645	ADEE UNIT	W	LANS	3162	150	36.0
LOGAN FIELD							
DANE G. HANSEN TRUST 34,35- 4S20W	C-13887	STEPHENS-ROSS	D	LKC	3200	250	32.0
MONT SOL FIELD							
PETROLEUM MANAGEMENT 6,7- 4S18W	C-15215	MONT SOL UNIT	W	LKC	3200	28	36.0
RAY FIELD							
DANE G. HANSEN TRUST 21- 5S20W	CR-5787	HANSEN	D	REAGAN	3581	NR	29.9
SLINKER FIELD							
CITCO 25,30,36-04S20W	C-13967	SLINKER TORONTO-LKC	W	TOR&LKC	3118	20	37.0
STONEMAN FIELD							
PETROLEUM MANAGEMENT 20,21,29- 4S18W	C-12730	STONEMAN	W	LKC	3105	235	38.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1969	T	DAK	1	0	22.1	83.8	3	0	13.6	119	0	0		C-15214
1976	T	PROD	9	0	971	4100	23	0	88.9	2121	66.7	472		C-17919
1976	U	PROD	3	0	313	1265	10	0	35.2	1809	19.3	114		C-17918
1974	T	PROD	1	0	96.5	465	4	0	11.3	184	1.3	105		C-17599
1969	T	PROD	1	0	16.5	282	1	0	NR	NR	16.5	17.0		C-15283
1956	T	PROD & DAK	22	0	643	13978	28	0	55.4	2814	55.4	NR		C-6746
1967	T	PROD&DAK	2	0	98.3	1674	5	0	6.4	261	6.4	261		C-13834
1961	T	PROD&DAK	13	0	745	10959	36	0	70.6	2471	70.6	2471		C-8461
1972	U	PROD & DAK	2	0	280	3803	5	0	10.4	338	8.1	NR		C-8141
1963	U	PROD & DAK	6	0	438	5918	11	0	26.2	1019	17.1	NR		C-9984
1969	T	PROD	1	0	95.6	1523	2	0	2.0	NR	NR	NR		C-8195
1972	T	PROD	2	0	136	810	5	0	6.5	126	6.5	55.9		C-16645
1967	T	PROD	1	0	11.5	252	2	0	2.4	53.4	NR	NR		C-13887
1960	T	PROD & DAK	2	0	99.0	1816	2	0	3.5	341	3.5	341		C-15215 C-6898
1978	U	PROD	1	0	2.1	6.4	1	0	1.0	2.4	NR	NR		CR-5787
1967	M	PROD & DAK	5	0	501	2501	8	1	34.4	1341	34.4	113		C-13967
1966	T	PROD & DAK	5	0	251	4258	10	0	28.4	1053	28.4	468		C-12730 C-12729

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
PHILLIPS COUNTY							
STONEMAN FIELD							
PETROLEUM MANAGEMENT 20- 4S18W	C-14228	T.W. JACKSON	W	LANS	NR	NR	NR
SANTA FE P & S 28- 4S18W	C-12731	BREDEMEIER	W	KC	3050	18	38.4
STUTTGART FIELD							
PETROLEUM MANAGEMENT 13,14,23- 3S19W	C-6131	STUTTGART	W	LKC	3200	35	NR
VEEH FIELD							
PETROLEUM MANAGEMENT 35- 3S19W	C-16728	GRAU	W	LANS	3208	223	NR
POTTAWATOMIE COUNTY							
CASEY FIELD							
BARNES & HOHMAN OIL 9-07S12E	C-16182	CASEY		VIOLA	NR	NR	NR
D.W.B. EXPLORATION 10-07S12E	CR9776	FORDHAM		VIOLA	NR	NR	NR
PRATT COUNTY							
BARNES SOUTHWEST FIELD							
BOWERS DRILLING 35-27S12W	C-14279	BARKER	P	KC	3626	8	38.0
CHITWOOD FIELD							
RAYMOND OIL 14,22,23,26,27-28S12W	C-4080	CHITWOOD	W	SIMP	4390	23	38.0
CUNNINGHAM FIELD							
BRADEN-DEEM INC 3-28S11W	C-16091	CUNNINGHAM WF	W	LKC	3430	15	36.0
FRISBIE FIELD							
ENERGY RESERVES 2-26S15W	C-16624	FRISBIE	W	LKC	3980	6	31.5
GEREKE WEST FIELD							
PHILLIPS PETROLEUM 2,10,11-26S15W	C-15235	GEREKE UNIT	W	LKC	3980	56	38.0
IUKA-CARMI FIELD							
BM&N OIL 31-26S12W	C-7970	HONEMAN	W	SIMP	4210	48	NR
GETTY OIL 7,18-27S12W	C-8202	SO IUKA-CARMI UNIT	W	SIMP	4270	16	38.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
NR	N	NR	1	0	49.4	309	0	0	0	NR	NR	NR		C-14228 C-14227
1966	U	PROD & CEDH	1	0	9.5	300	2	0	0.8	37.7	NR	NR		C-12731
1952	T	PROD	2	0	171	7146	3	0	8.2	74.6	8.2	74.6		C-6131
1973	T	PROD	1	0	77.5	460	2	0	2.1	85.1	2.1	44.4		C-16728
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	191	C-16182
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		CR9776
1972	M	PROD & FR	1	0	190	1510	7	0	7.0	470	3.0	41.0		C-14279
1955	U	PROD	3	0	224	41374	2	0	1.1	3840	NR	NR		C-4080
1971	U	PROD	3	0	263	4344	5	1	5.2	76.1	2.2	14.2		C-16091
1972	U	PROD	1	0	19.2	187	2	0	3.8	416	0	0		C-16624
1969	M	PROD&MEADE	6	0	349	2421	5	0	5.8	120	4.2	NR		C-15235
NR	F	PROD & FR	0	0	0	NR	5	0	7.9	NR	0	NR	192	C-7970
1961	M	PROD & SHSD	6	0	692	13692	8	0	9.2	2507	9.2	1126		C-8202

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
PRATT COUNTY							
IUKA-CARMI FIELD							
GETTY OIL 6,7-27S12W	C-6895	IUKA-CARMI-HELMKE UNIT	W	SIMP	4230	18	38.0
GETTY OIL 32-26S12W	C-13600	MISKIMEN SIMPSON	W	SIMP	4214	30	40.0
GETTY OIL 32-26S12W	C-11297	MISKIMEN WF	W	SIMP	4200	25	40.0
RONALD RUSS PRATER 31-26S12W	C-11041	C.J. BINGER	W	SIMP	4175	30	38.0
TERRA RESOURCES 6-27S12W 1-27S13W	C-11392	IUKA-CARMI	D	SIMP	4236	33	37.7
TGT PETR 25-26S23W	C-15384	KNOP (HOEME)	P	VIOLA	4120	25	36.0
MCBRIDE FIELD							
TEXAS ENERGIES 27,34-27S14W	CR-6775	MCBRIDE	W	KC	NR	NR	NR
MOORE SOUTHWEST FIELD							
RAYMOND OIL 10,11,14,15-26S14W	CR-9784	MOORE SOUTHWEST		KINDER	4252	6	NR
MOORE WEST FIELD							
DNB DRILLING 03-26S14W	CR-8792	HENDERSON	D	LANS	3850	300	31.0
THORNTON E. ANDERSON 3,4-26S14W	C-16490	HENDERSON	P	LKC	3804	8	36.0
ROLLINGSON NORTH FIELD							
BEREN 19,30,31-27S12W 25,36-27S13W	C-13954	NORTH ROLLINGSON SIMPSON	W	SIMP	4310	7	38.0
*SEE ALSO KINGMAN-PRATT							
RAWLINS COUNTY							
BURNTWOOD FIELD							
MURFIN DRILLING 36- 1S36W	CR-6782	RAY WF	P	LKC&ORE	4100	8	27.0
CAHOJ FIELD							
GETTY OIL 3,4,8,9,10,- 1S34W 16,17,18,20- 1S34W	C-16643	CAHOJ LKC WF	W	LKC	4062	156	34.2
HALLIBURTON OIL 15,16,21,22- 1S34W	C-15518	S.E. CAHOJ	P	LKC	4047	20	36.0
KERN 18- 1S34W	C-17253	CAHOJ WATERFLOOD	W	LKC	4100	100	35.4
CAHOJ EAST FIELD							
EMPIRE DRILLING 14- 1S34W	C-18631	FIKAN B		LANS	NR	NR	35.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1961	M	PROD & SHSD	5	0	1343	25325	7	0	13.4	3864	13.4	1727		C-6895
1967	M	PROD & SHSD	2	0	193	1410	4	0	19.1	542	19.1	542		C-13600
1964	F	SH SD	3	0	351	5886	4	0	6.8	896	6.8	303		C-11297
1964	U	PROD	1	0	19.0	3075	4	0	8.4	148	8.4	148		C-11041
1959	T	PROD & PLI	1	0	370	11930	2	0	7.3	2062	7.3	1089		C-11392
NR	F	SH SD	0	0	0	NR	3	0	1.9	1.9	0	0		C-15384
NR	U	PROD	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	193	CR-6775
1974		PROD	1	0	7.0	80.7	1	0	2.1	16.3	0	NR		CR-9784
1979	U	PROD	1	0	9.1	9.2	1	0	0.6	3.8	0.6	3.8		CR-8792
1972	U	PROD	1	0	24.0	212	4	0	7.1	214	0.4	4.4		C-16490
1968	U	PROD	1	0	8.9	NR	4	0	3.3	803	2.4	NR		C-13954
1978	T	PROD	1	0	87.7	194	2	0	6.9	23.1	NR	NR		CR-6782
1973	U	PROD & DAK	20	0	3066	19867	26	0	111	4861	111	638		C-16643
1976	F	PROD & DAK	3	0	70.1	2144	6	0	12.9	837	12.9	85.6		C-15518
1978	U	PROD	1	0	13.1	15.6	1	0	3.3	66.5	0	0		C-17253
1975	T	PROD	1	0	30.3	225	2	0	6.4	105	5.3	11.7		C-18631

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
RAWLINS COUNTY							
CAHOJ EAST FIELD							
EMPIRE DRILLING 11,12,13,14- 1S34W	C-18265	RUDA PRESSURE	P	LKC	NR	NR	34.0
CAHOJ WEST FIELD							
BURCH EXPLOR 12,13- 1S35W	C-11929	CAHOJ WEST	D	LKC	4154	24	36.0
R H P FIELD							
EMPIRE DRILLING 6,7- 1S33W	C-18632	R.H. PALMER WF	P	LKC	4078	6	33.0
PETROLEUM MANAGEMENT 5,8- 1S33W	C-15426	PALMER	W	SHAWLKC	3825	8	25.0
WILHELM FIELD							
DONALD C. SLAWSON 17,18- 1S32W	C-16985	WICKE C	W	LKC	3900	6	32.0
GETTY OIL 16,17,20,21,28-1S32W 29-01S32W	C-17400	WILHELM UNIT	W	LKC	3900	13	34.0
RENO COUNTY							
ALBION NORTH FIELD							
HARRY A. SPRAGUE 11-26S 6W	C-10925	GRABER PM PROJECT	D	SIM&VIO	3990	10	39.0
BECK WEST FIELD							
SANTA FE P & S 14-23S 9W	C-13754	ROACH	W	B PENN	3720	7	34.0
BURRTON FIELD							
A. SCOTT RITCHIE 33-23S 4W 4-24S 4W	C-18191	BETHEL COLLEGE	P	MISS	3310	85	34.0
FELL & WOLFE OIL 19-24S 4W	C-9928	WESTFAHL	D	MISS	NR	NR	32.0
HAROLD J. MILBURN 1,2-23S 4W	C-10414	HAURY	D	MISS	3243	40	33.0
OKMAR OIL 36-32S 4W	C-11618	EVANS & BASE	P	MISS	3258	40	34.0
R.L. EVANS TRUST 23-23S 4W	C-13167	EVANS B	D	MISS	3285	10	33.0
S & K OIL 25,36-23S 4W	C-12044	FAST-SMITH	D	MISS	3308	52	38.0
S & K OIL 12-23S 4W	C-5368	TETEN	D	MISS	3415	15	38.0
S & K OIL 11-23S 4W	C-12204	SABIN B	D	MISS	3260	80	37.0
S & K OIL 35-23S 4W	CR-8784	GOERING B	P	HUNTON	3579	54	NR
TGT PETR CORP 15,22,27-23S 4W	C-14675	STRAWN	P	MISS	3330	12	38.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1976	T	PROD	1	0	60.7	208	2	0	9.5	384	5.3	12.6		C-18265
1964	T	PROD	1	0	4.0	665	2	0	8.0	29.1	8.0	29.1		C-11929
1968	T	PROD	2	0	122	1047	6	0	8.2	444	3.9	173		C-18632 C-14615
1970	T	PROD	2	0	144	912	4	0	10.2	245	10.2	121		C-15426
1973	U	PROD	1	0	60.0	353	1	0	4.0	68.9	1.9	14.1		C-16985
1974	T	PROD & DAK	6	0	549	2847	11	0	33.3	1223	18.3	201		C-17400
1964	U	PROD	1	0	248	4431	3	0	6.7	309	0	77.9		C-10925
1967	U	PROD	1	0	16.0	330	0	1	0.5	54.5	NR	NR		C-13754
1976	U	PROD	5	0	450	1870	5	0	12.7	28.3	NR	NR		C-18191
NR	U	PROD	1	0	162	NR	3	0	2.3	NR	NR	NR		C-9928
1963	U	PROD	1	0	139	743	3	0	2.4	29.4	1.0	NR		C-10414
1965	U	PROD	1	0	339	2693	8	0	24.7	622	23.5	373		C-11618
1967	U	PROD	1	0	264	4692	3	0	1.8	NR	0.6	NR		C-13167
1966	U	PROD	1	0	831	7070	8	0	19.6	195	19.6	195		C-12044
NR	U	PROD	1	0	360	5223	6	0	6.0	1036	6.0	1036		C-5368
1968	U	PROD	1	0	770	7009	8	0	20.0	196	20.0	196		C-12204
1978	U	PROD	1	0	387	966	1	0	4.4	14.4	0	0		CR-8784
1970	U	PROD	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	194	C-14675

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
RENO COUNTY							
HILGER SOUTHWEST FIELD							
WOODMAN-IANNITTI 20,29-26S 4W	C-15373	GEO BELLE	P	MISENER	3970	5	36.0
NICKLAUS FIELD							
PHILLIPS PETROLEUM 3-26S 4W	C-5139	PROUGH	P	LKC	2880	20	35.0
ZENITH-PEACE CREEK FIELD							
BRADEN-ZENITH 6,7,18-24S10W 1,2,3,10,11,12-24S11W 13,14,15,23,24-24S11W	C-12893	ZENITH WF UNIT	W	MIS&VIO	3780	60	40.0
CITCO 30,31-22S 9W 6-23S 9W 35,36-22S10W 1,2,11,12-23S10W	C-4456	PEACE CREEK UNIT	W	VIOLA	3750	16	39.0
RENO-RICE COUNTIES							
STERLING FIELD							
BH&K 4,9-22S 8W	C-6188	STUBBS MAYER UNIT	P	MISS	3420	10	35.0
RICE COUNTY							
BLOOMER FIELD							
SOHIO NAT RESOURCES 05-18S10E	C-3804	ROESLER	W	KC	NR	NR	40.0
BULL CREEK FIELD							
PETRO-LEWIS 25,26,35,36-21S 8W	C-12968	BULL CREEK MISS UNIT	W	MISS	3400	4	36.0
CALF CREEK FIELD							
RANGE OIL 33-18S10W	C-16326	BUEHLER B	P	LANS	2850	7	30.0
CAR SOUTHWEST FIELD							
MALONE OIL 20,29,30-20S 9W	C-18065	MALONE	W	SIMP	3300	4	45.0
CHASE-SILICA FIELD							
A. SCOTT RITCHIE 23-19S10W	C-6044	BERNSTORF B	P	LKC	2630	280	35.0
BERGMAN OIL 20-19S10W	C-7885	EATINGER	W	LKC	2975	50	38.0
BERGMAN OIL 11-19S 9W	C-9634	SOEKEN	W	SIMP	3305	12	38.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1967	T	PROD	1	0	5.0	50.0	1	0	2.0	NR	NR	NR		C-15373
1956	U	PROD	1	0	17.2	978	2	0	1.3	311	1.3	NR		C-5139
1966	M	PROD & FR	5	0	1346	61109	3	0	10.9	441	10.9	441		C-12893
1951	M	PROD & FR	5	0	1754	59125	5	0	31.3	8237	31.3	1844		C-4456
1958	M	PROD & SHSD	2	0	84.5	1361	8	0	5.1	489	5.1	145		C-6188
1980	T	PROD	1	0	7.9	7.9	2	0	1.7	1.7	1.7	1.7		C-3804
1967	U	PROD	1	0	53	1911	2	0	3.0	79.0	3.0	79.0	195	C-12968
1971	U	PROD	1	0	73.0	669	4	0	1.7	23.9	1.7	23.9		C-16326
1976	F	FR	2	0	9.0	23.0	2	0	8.8	25.6	6.0	10.0		C-18065
1958	U	PROD	4	0	90	902	4	0	2.8	463	NR	NR		C-6044
1960	T	PROD	1	0	19.0	304	3	0	8.1	326	3.0	98.3		C-7885
1962	T	PROD	1	0	2.0	355	1	0	0.5	126	0.2	37.8		C-9634

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
RICE COUNTY							
CHASE-SILICA FIELD							
CARL TODD 22,27-19S 9W	C-18413	MURPHY A-5	P	ARB	3200	30	38.0
CITCO 33-19S 9W	C-16251	DEWITT	W	ARB	3195	31	47.7
DON FOX 20-19S10W	C-7836	G.F. WOLF	D	KC&ARB	3200	10	43.0
ENERGY RESERVES 29-19S10W	C-7692	HEINRICH ROTH	W	LKC	2957	107	44.9
EVERETT SWANDER 25-19S10W	C-10600	B.G. PROFFITT	W	LKC	3020	18	45.0
FELL & WOLFE OIL 9-20S 9W	CR-9783	MILLER	D	ARB	3238	9	42.3
FELL & WOLFE OIL 5,7-20S10W	C-16477	TATLOCK UNIT	D	ARB	3264	8	40.5
F.G. HOLL ET AL 18,19-20S10W	C-12543	WENKE	W	LKC	3106	8	37.3
GETTY OIL 21-19S10W	C-7360	KNOP A	W	LANS	2988	174	39.8
KAISER-FRANCIS 22-19S 9W	CR-4773	REESE	D	ARB	3209	22	42.0
KELSO OIL ACCOUNT 5-19S9W	C-9916	KELLER	P	ARB	3250	NR	40.0
MELTZER OIL 29-19S 9W	C-15526	LAYTON-PROJECT	P	KC	2937	4	46.0
PHILLIPS PETROLEUM 18-19S 9W	C-15609	KATE	P	ARB	3270	10	47.0
RALPH G. BOWEN 16-20S10W	C-11507	SPECHT A & B	D	LKC-ARB	3300	31	40.0
RANGE OIL 23-19S10W	C-6043	BERNSTORF D	W	LKC	3140	12	37.0
ROCKET-SCHUSTERMAN 19-20S10W	C-16354	HOUSTON COMMUNITY	D	LKC	3020	6	39.0
SCOTT T. LUTZ 19-19S 9W	CR-8785	PROFFITT	D	LKC	NR	NR	42.0
SCOTT T. LUTZ 19-19S 9W	C-18383	ROBBINS	D	LKC	2980	148	42.0
SCOTT T. LUTZ 29-19S 9W	C-18514	GROVE	D	ARB	3220	34	40.0
SOUTHERN STATES OIL 14,15-19S10W	C-15792	MERRILL J. BEHNKE	W	DOUG	2842	7	28.0
SOUTHERN STATES OIL 15-19S10W	C-14299	FELDMAN	P	LKC&DOU	2870	18	30.0
SOUTHERN STATES OIL 11,12-19S10W	C-11993	ALTENBAUMER	P	LKC	2956	50	38.0
SOUTHERN STATES OIL 9-20S10W	C-13524	SCHUBERT	W	SIMP	3400	5	47.0
CRAWFORD FIELD							
D&P OIL 18-18S 6W	C-12492	BRINCKERHOFF	W	CONGL	3185	6	NR
FREDERICK FIELD							
NCRA 10,11-18S 9W	C-11795	STAATZ-SCHROEDER	W	SIMP	3252	12	46.0
GENESEO-EDWARDS FIELD							
CONOCO 25-18S 8W	C-12620	GENESEO LKC REPR.	P	LANS	2875	50	36.2

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1970	U	PROD	1	0	96.0	410	4	0	8.1	29.0	0.7	3.7		C-18413
1971	U	PROD	2	NR	157	1063	3	NR	9.8	2491	3.3	29.1		C-16251
NR	T	PROD	1	0	40.0	NR	2	0	2.5	NR	1.0	NR		C-7836
1960	U	PROD	1	0	120	1104	3	1	4.1	691	0	0		C-7692
1963	U	PROD	1	0	18.9	NR	1	0	0.8	NR	0	NR		C-10600
1978	U	PROD	1	0	12.6	NR	2	0	1.7	NR	NR	NR		CR-9783
1966	U	PROD	1	1	340	NR	3	0	1.3	NR	NR	NR		C-16477
1966	T	PROD	1	0	0.1	NR	1	0	0.6	NR	NR	NR		C-12543
1960	T	PROD	0	0	0	213	5	0	5.9	499	0	34.5	196	C-7360
1963	T	PROD	1	0	14.6	259	1	0	1.1	NR	0	NR		CR-4773
NR	U	PROD	1	0	87.4	NR	3	0	2.6	NR	0.7	NR	197	C-9916
1969	U	PROD & ARB	1	0	129	NR	2	0	1.4	NR	NR	NR		C-15526
1970	U	PROD	1	0	76.0	1141	2	0	1.4	230	0	NR		C-15609
1965	U	PROD	1	0	126	2126	2	0	2.4	40.9	0	0	198	C-11507
1958	U	PROD	1	0	9.2	NR	1	0	1.6	42.6	1.6	NR		C-6043 C-6760
1972	T	PROD	1	0	33.5	315	0	0	5.3	451	0	0		C-16354
1979		PROD	1	0	0.5	34.5	4	0	5.7	12.8	0.4	3.2	199	CR-8785
1976	U	PROD	0	0	59.0	259	0	0	2.3	17.3	1.0	7.0		C-18383
1976	U	PROD	0	0	27.4	117	2	0	2.8	13.3	0.8	6.3		C-18514
1970	U	PROD	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	200	C-15792
1967	T	PROD	2	0	30.8	1872	5	0	3.7	143	3.7	143		C-14299
1965	T	PROD	1	0	138	1609	5	0	2.6	100	2.6	100		C-11993
1967	U	PROD	1	0	63.6	1015	1	0	2.0	22.7	2.0	22.7		C-13524
NR	U	PROD											201	C-12492
1963	T	PROD	3	0	121	1424	7	0	12.6	954	6.3	49.4		C-11795
1966	U	PROD	5	NR	546	7423	22	NR	NR	NR	NR	NR		C-12620

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
RICE COUNTY							
GENESEO-EDWARDS FIELD							
CONOCO 30,31-18S 7W 25,30,36-18S 8W	C-7243	GENESEO SIMPSON UNIT	P	SIMP	3170	16	36.2
ENERGY RESERVES 12,13,14-18S 8W	C-17026	GENESEO WFS	W	CONGL	3150	10	36.2
FELL & WOLFE OIL 31-18S 7W	C-9585	BOLTON	D	SIMP	3216	8	32.3
KAISER-FRANCIS 13-18S 8W	C-11875	ZAJIC		LANS	2789	250	32.0
MURFIN DRILLING 3,4,9,10-18S08W	CR-2797	GENESEO UNIT	W	ARB&CON	3200	9	38.0
GLEN SHARROLD NE FIELD							
J.A. ALLISON 28-18S10W	C-14317	FEIST #2	P	LANS	3218	10	39.0
HEINZ FIELD							
BROUGHER OIL 8,9-18S10W	CR97915	HABIGER-KRAMPE ET AL	P	LANS	3180	20	40.0
LYONS WEST FIELD							
GULF 16,17,20,21,-19S 8W 5-20S 8W 28,29,31,32,33- 9S 8W	C-13839	WEST LYONS UNIT	W	KIND	3320	15	40.0
MARY IDA SOUTH FIELD							
PIONEER OPERATIONS 6,7,8-19S10W	C-12960	MOONEY-MANKE	W	LKC	2950	160	38.0
ODESSA FIELD							
ARCO 28,29,33,34-18S36W 4-19S 6W	C-4823	ODESSA FIELD UNIT	W	MARM	3050	8	29.0
ORTH FIELD							
GETTY OIL 27-18S10W	C-3953	VOLKLAND A	W	TOPEKA	2670	16	30.0
MELTZER OIL 27-18S10W	C-3875	HABIGER	D	TOPEKA	2434	250	32.0
ORTH WEST FIELD							
BROUGHER OIL 16,17,20-18S10W	C-14786	REICHUBER	P	LANS	3180	20	39.8
PONCE FIELD							
CLAMUR DRILLING CO. 28-21S7W	C-14265	PONCE	P	MISS	NR	NR	NR
STERLING DRILLING 28-21S 7W	C-18258	ARBUCKLE	P	MISS	3420	22	35.0
RINGWALD FIELD							
GETTY OIL 33-18S10W	C-3502	BUEHLER A	W	LKC	2992	86	30.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1960	T	PROD & ARB	3	NR	264	11179	11	NR	12.3	1338	12.3	1155		C-7243
1973	U	PROD	2	0	200	1225	11	0	17.9	6017	0	0		C-17026
NR	U	PROD	2	0	59.5	NR	2	0	1.2	NR	NR	NR		C-9585
1965	T	PROD	1	0	365	4714	5	0	6.6	NR	0	NR		C-11875
1960	M	PROD & DAK	4	0	384	5234	6	0	8.9	267	8.9	261		CR-2797 C-12712
1968	T	PROD	1	0	20.0	421	5	0	6.3	350	NR	NR		C-14317
1979	U	PROD	1	0	80.0	NR	6	5	40.2	NR	NR	NR		CR97915
1968	M	PROD & FR	10	0	1411	22196	14	0	32.1	5171	32.1	5171		C-13839
1966	T	PROD & ARB	4	0	292	5577	17	0	15.4	48.9	0	0		C-12960
1959	U	LKC	8	0	439	10266	9	0	19.7	1393	19.7	1393		C-4823
1954	U	PROD	1	0	264	4435	3	0	4.7	321	4.7	237		C-3953
1954	U	PROD	0	0	0	NR	4	0	5.0	NR	NR	NR		C-3875
NR	U	PROD	3	0	175	NR	18	2	46.8	NR	NR	NR		C-14786
NR	U	PROD	0	0	0	NR	3	0	2.8	NR	0	NR	202	C-14265
1976	U	PROD	1	0	74.5	347	1	0	0.7	7.3	0.7	3.5		C-18258
1953	T	PROD	1	0	46.6	2617	1	0	1.4	416	0	80		C-3502

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
RICE COUNTY							
RINGWALD FIELD							
ROCKET-SCHLSTERMAN 29,32-18S10W	C-14300	RINGWALD WF	W	LANS	2930	39	40.0
RINO FIELD							
NCRA 33-21S 9W	C-10813	RINO PM	W	SIMP	3499	10	39.0
TOBIAS FIELD							
ASPEN DRILLING 3,4-21S 9W	C-16771	SW TOBIAS LANS	W	LKC	2958	4	36.0
I.O. MILLER 11-21S 9W	C-13650	LIPP	D	LKC	2948	8	40.0
THUNDERBIRD DRILLING 25,26-20S 9W	C-10096	TOBIAS SIMPSON-UNIT	W	SIMP	3300	16	45.0
WELCH-BORNHOLDT FIELD							
BRADEN OIL 11-20S 6W	C-18250	NINA JOY	D	MISS	3239	16	36.0
DICK HESS 36-20S 6W	C-17667	G.W. CARLSON	D	MISS	3286	60	34.0
PHILLIPS PETROLEUM 11,15,22,23,24-20S 6W	C-12367	WELCH BORNHOLDT	P	MISS	3300	NR	36.0
SHADE AND BERRY 25-19S 6W	C-6848	MATTSON	D	MISS	3435	14	33.6
*SEE ALSO BARTON-RICE							
ROOKS COUNTY							
ANDRESON FIELD							
DAVIS BROS OIL PROD 31-10S18W	C-14067	ANDRESON WF	W	LKC	3500	75	34.0
BARRY FIELD							
CONOCO 35- 8S19W 1,2,3,10,11,12- 9S19W	C-13518	BARRY	W	LANS	3200	12	35.3
CONOCO 10-09S19W	C-16976	BARRY		LKC	NR	NR	NR
BARRY SOUTHEAST FIELD							
ENERGY RESERVES 7-9S18W	CR12794	J. WERNER	W	LKC	3435	40	25.0
ROCKET-SCHUSTERMAN 7- 9S18W	C-16334	BEDARD WI	D	ARB	3495	NR	28.0
BAUMGARTEN FIELD							
LADD PETROLEUM 30- 5S18W	C-16521	SOLLENBERGER	D	NR	NR	NR	32.0
OIL PROPERTY MGT 29,30- 9S18W	CR-4779	BAUMGARTEN	P	KC	3344	15	28.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1961	T	PROD	2	0	131	3381	4	0	10.2	1006	10.0	274		C-14300 C-7522
1973	T	PROD	0	0	0	254	3	0	3.3	34.6	0	2.1	203	C-10813
1958	U	PROD	1	0	35.7	575	4	0	9.0	194	NR	NR		C-16771
NR		PROD	1	0	1095	NR	3	0	1.8	152	NR	NR		C-13650
1968	T	ARB	5	0	1104	13664	17	0	43.3	4973	43.3	3278		C-10096
1976	T	PROD	1	0	15.8	68.7	1	0	1.6	12.5	1.6	3.1		C-18250
1975	T	PROD	1	0	42.1	201	2	0	0.7	14.8	0.7	7.7		C-17667
NR	U	PROD	5	0	209	2206	30	0	26.1	2178	2.2	NR		C-12367
1959	U	PROD	1	0	66.0	1314	11	0	5.2	214	5.2	214		C-12187 C-10740 C-10733 C-9071 C-6848
1968	T	PROD	4	NR	209	1944	2	NR	4.9	241	4.9	241		C-14067
1968	U	PROD	8	NR	1283	19674	18	NR	48.9	886	48.9	711		C-13518
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	204	C-16976
1980	U	PROD	1	0	401	401	5	0	12.3	12.3	NR	NR		CR12794
1972	U	PROD	1	0	967	7967	0	0	12.7	1221	0	0		C-16334
1974	T	PROD	1	0	3.2	NR	1	0	0.5	NR	0	NR	205	C-16521
1978	T	PROD	1	0	73.0	89.7	4	0	4.2	11.3	0.8	0.8		CR-4779

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
ROOKS COUNTY							
CHESNEY FIELD							
KAISER-FRANCIS 12- 8S17W	C-9977	CHESNEY	P	LKC	3060	13	36.0
DOPITA FIELD							
CITCO 19- 8S17W 25- 8S18W	C-16960	DOPITA L-KC COOP	W	TOR&LKC	3090	20	27.0
ENERGY RESERVES 24- 8S18W	C-8544	MCMILLEN	W	TOR&LKC	3136	197	29.5
GEORGE P. CRAWFORD 31-8S17W	CR10774	RUSS		NEVA	NR	NR	NR
MURFIN DRILLING 5- 9S17W	C-16100	THOMPSON WF	W	TOR	3150	60	36.0
MURFIN DRILLING 6- 9S17W	CR-9774	GARVERT WF	W	TOR&LKC	3072	50	32.0
OKMAR OIL 6- 9S17W	C-15831	MOOS	W	ARB	3370	3	30.0
SAMSON RESOURCES 19- 8S17W	C-11324	KRUG WF	W	TOR&LAN	3100	6	29.0
DORR FIELD							
CITCO 16,17,20,21- 9S16W	C-9161	DORR UNIT	W	LKC	3141	45	39.0
HAROLD KRUEGER 20,21- 9S16W	C-15586	OVERHOLSER	P	KC	3350	4	37.0
THEODORE GORE 16,21- 9S16W	C-13728	CASEY	P	LKC	3445	251	39.0
EILERS FIELD							
DAVIS BROS OIL PROD 22,27-10S18W	C-15048	EILERS	D	LKC	3500	75	32.0
FINNESY SOUTH FIELD							
DAVIS BROS OIL PROD 23,24-10S18W	C-7789	SOUTH FINNESY WF	W	LKC	3500	75	34.0
DAVIS BROS OIL PROD 23-10S18W	C-14007	SHEPARD B	P	LKC	3376	22	34.5
GROVER FIELD							
A.L. ABERCROMBIE 22- 7S19W	C-12595	ROY B	D	LKC	3085	10	33.0
KRUSE FIELD							
CITCO 2,11-10S16W	C-10258	KRUSE UNIT	W	DOD&LKC	3050	34	37.0
LATON FIELD							
CITCO 33,34- 8S16W 4- 9S16W	C-3504	LATON POOL COOP	W	DOD&LKC	3070	53	33.0
CO-CO 34- 8S16W	C-6619	DOANE-SWISHER	W	TOR&LKC	3020	52	39.0
CO-CO 11,12- 9S16W	C-7831	LUHMAN COOP WF	W	TOR&LKC	3180	34	39.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1963	T	PROD	3	0	155	3601	3	0	4.7	167	4.7	33.2		C-9977
1966	T	PROD	2	0	26.3	266	4	0	7.4	314	7.4	81.7		C-16960 C-12545
1965	U	PROD	1	0	72.0	1374	3	0	5.9	340	0	0		C-8544 C-4089
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		CR10774
1971	T	PROD	1	0	170	1575	3	0	6.3	NR	NR	NR		C-16100
1977	T	PROD	1	0	81.6	319	4	0	7.8	26.1	NR	NR		CR-9774
1974	U	PROD	1	0	56.6	506	1	0	1.2	14.0	0.3	14.4		C-15831
1965	T	PROD	3	0	119	3090	5	0	7.5	783	7.5	209		C-11324
1962	T	PROD & DAK	15	0	1804	28028	22	2	41.0	3164	41.0	1373		C-9161 C-2957
1970	T	PROD	1	0	9.1	175	1	0	1.2	70.0	0	0		C-15586
1962	T	PROD	1	0	159	3231	2	0	3.1	292	1.0	69.0		C-13728
1969	T	PROD	1	NR	26.1	578	8	NR	7.0	393	7.0	393		C-15048
1960	T	PROD & DAK	2	NR	381	9541	7	NR	12.8	455	12.8	455		C-7789
1967	T	PROD	1	NR	0	1809	1	NR	1.2	92.0	1.2	92.0		C-14007
1966	U	PROD	1	0	25	940	2	0	10.1	300	0	99.4		C-12595
1963	T	PROD & DAK	2	NR	229	3579	4	NR	7.4	601	7.4	237		C-10258
1953	T	PROD & DAK	7	0	904	14060	18	2	43.4	2308	43.4	1402		C-3504
1962	M	PROD & DAK	3	0	322	3577	7	0	10.3	643	10.3	643		C-6619
1965	M	PROD & DAK	2	0	181	2114	3	0	4.6	63.7	4.6	63.7		C-7831

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
ROOKS COUNTY							
LATON FIELD							
CO-CO 3- 9S16W	C-12140	GAMBLE-MCFADDEN E	W	TOR&LKC	3070	52	39.0
CO-CO 14- 9S16W	C-12702	BLANK COOP WF	W	TOR&LKC	3190	45	39.0
HAROLD KRUEGER 10,11- 9S16W	C-10499	LATON FLD PROJECT	W	KC	3240	5	39.0
MURFIN DRILLING 27,28- 8S16W	C-13043	NORTH LAYTON UNIT	W	LKC	3060	50	38.0
MURFIN DRILLING 2,3,11- 9S16W	C-11333	LI BE BAX WF	W	LKC	3100	30	38.0
MARCOTTE FIELD							
ENERGY RESERVES 4-10S20W	C-16626	L.H. HALL		ARB&LKC	NR	NR	NR
KAISER-FRANCIS 36- 9S20W	C-16628	GISH	D	ARB	3825	4	27.0
NADEL & GUSSMAN 14-10S20W	C-12517	STITHEM-ELIZA	W	LKC	3793	17	29.0
NADEL & GUSSMAN 6-10S 9W	C-15992	GISH		LKC	3480	10	29.0
OKMAR OIL 18-10S19W	C-10570	MARCOTTE	W	LKC	3500	5	33.0
PHILLIPS PETROLEUM 13-10S20W	C-18410	EARL C	P	LKC	3460	92	35.0
MCCLELLAN FIELD							
ENERGY RESERVES 9- 9S19W	C-15302	MCCLELLAN	D	LKC	3267	180	32.0
ROBERT E. DAVIS 8- 9S19W	C-15529	MCCLELLAN FLOOD	W	LKC	3500	5	35.0
MINNIE O FIELD							
OKMAR OIL 10-9S17W	CR-5776	FLEGG		PLEAS	NR	NR	NR
NATOMA FIELD							
CITCO 14,15-10S16W	C-16483	NATOMA UNIT	W	LKC	3250	8	35.0
NETTIE FIELD							
LEBEN OIL 2-10S17W	C-15354	NETTIE EAST		TOR	3181	269	36.0
PHILLIPS PETROLEUM 33,34- 9S17W 3,4-10S17W	C-11849	NETTIE UNIT	W	PEN&ARB	3525	33	35.0
NETTIE NORTHWEST FIELD							
DAVIS BROS OIL PROD 28,29- 9S17W	C-15389	REMPE A & B	D	LKC	3289	30	30.4
NYRA FIELD							
SOUTHERN STATES OIL 9- 9S17W	C-15129	THOMPSON	P	ARB&KC	3194	10	28.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1963	M	PROD & DAK	4	0	416	5990	7	0	12.7	548	12.7	548		C-12140 C-7166
1966	M	PROD & DAK	1	0	69.3	1469	3	0	2.9	96.4	2.9	96.4		C-12702
1965	T	PROD	1	0	11.3	2129	13	0	18.4	1383	9.2	503		C-10499
1960	M	PROD & DAK	4	0	384	5070	6	0	8.9	267	8.9	261		C-13043
1956	M	PROD & DAK	11	0	888	8326	14	0	11.5	1384	NR	NR		C-11333
										C-11185	C-11184		C-9350	C-6050
NR		NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	206	C-16626
NR	U	PROD	1	0	0	0	1	0	1.1	253	0	0		C-16628
1966	T	PROD	1	0	44.3	597	18	0	32.9	NR	2.2	NR		C-12517
NR		NR	0	0	0	0	2	0	3.2	NR	0	0	207	C-15992
1969	U	PROD & ARB	1	0	303	2537	2	0	2.7	517	1.5	41.7		C-10570
1976	U	PROD	1	0	132	572	2	0	4.5	93.0	0	0		C-18410
1970	T	PROD	1	0	112	888	3	0	1.7	52.4	0	0		C-15302
1969	U	PROD	3	0	406	4197	12	0	14.5	470	13.1	138		C-15529
1981	U	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	208	CR-5776
1972	T	PROD & CHEY	4	0	419	3427	4	0	10.8	473	10.8	156		C-16483
1970	T	PROD	6	0	927	9660	7	0	14.0	284	7.0	142		C-15354
1965	U	PROD	8	0	1459	17337	27	0	54.6	2125	51.4	NR		C-11849
1969	T	PROD	1	NR	101	948	2	NR	1.6	95.9	1.6	95.9		C-15389
1965	T	PROD	3	0	375	1713	4	0	6.1	299	6.1	299		C-15129 C-11302

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
ROOKS COUNTY							
PARADISE CREEK FIELD							
CITCO 16,21-09S18W	CR-5791	PARADISE CREEK L-KC UNIT	W	LKC	3300	200	NR
PAUL H. WILLIAMS 27,28- 9S18W	C-15855	SOUTH PARADISE CREEK		LKC	3324	5	37.0
PLAINVILLE FIELD							
DAVIS BROS OIL 6,7-10S17W	C-12384	PLAINVILLE WF	W	LKC	3500	75	34.0
DAVIS BROS OIL PROD 17,18-10S17W	C-14009	S PLAINVILLE UNIT #3	P	LKC	3500	75	34.0
DAVIS BROS OIL PROD 8-10S17W	C-13187	WINTER-PLANTE #2	W	LKC	3500	75	34.0
RIFFE FIELD							
SIERRA PETROLEUM 4,5,8,9- 7S19W	C-16341	RIFFE UNIT	W	LAN&TOR	3180	7	34.5
SIMONS FIELD							
THORNTON E. ANDERSON 11- 7S17W	C-16831	SIMONS	P	LKC&TOP	2758	20	38.0
TRICO FIELD							
B-J OIL 28-10S20W	C-9412	TRIBLE		ARB	NR	NR	NR
CITCO 33-10S20W	C-16056	TRICO LKC ARB UNIT	W	LKC&ARB	3580	24	31.0
KAISER-FRANCIS 28-10S20W	C-13998	WILLIAMS	D	ARB	3747	9	29.5
MURFIN DRILLING 34-10S20W	C-10794	BRIGGS-HARLAN WF	P	LKC	3500	37	28.0
TWIN MOUNDS FIELD							
PICKRELL DRILLING 3,4- 9S17W	C-17404	TWIN MOUNDS UNIT	W	U PLEAS	3426	7	34.0
VOHS FIELD							
ARCO 13-10S19W	C-12298	H.J. VOHS A	W	LKC	3280	32	34.0
ENERGY RESERVES 12-10S19W	C-13602	SENECAL	W	LKC	3305	105	35.4
WEBSTER FIELD							
PHILLIPS PETROLEUM 33- 8S19W	C-14335	FIDELIS	W	LKC	3180	20	36.0
WESTHUSIN FIELD							
ARCO 12- 9S17W	C-10080	R.J. MCCLAY	W	LKC	3130	254	36.0
D.J. MARKLEY 13-09S17W	CR-9803	SMITH	D	LKC	3400	290	35.0
HAROLD KRUEGER 18- 9S16W	CR-5784	COLAHAN & DOUGHERTY B	P	KC	3150	4	37.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1978	T	PROD	3	0	209	343	9	0	7.6	510	0	1.3		CR-5791
1972	M	PROD	3	0	2.0	NR	1	0	1.5	NR	1.5	NR		C-15855
1965	T	PROD & DAK	4	NR	558	9722	17	NR	24.5	850	24.5	850		C-12384
1968	T	PROD	2	NR	23.8	1615	9	NR	5.4	156	5.4	156		C-14009
1967	T	PROD & DAK	3	NR	282	4206	9	NR	13.3	413	13.3	413		C-13187
1972	T	PROD&CHEY	2	0	194	2093	9	0	12.0	NR	NR	NR		C-16341
1973	U	PROD	1	0	27.0	201	2	0	4.5	120	1.3	7.5		C-16831
NR	N	NR	1	0	0	NR	3	0	1.6	NR	NR	NR	209	C-9412
1972	T	PROD & DAK	5	NR	356	4105	8	NR	16.3	1239	16.3	214		C-16056
1968	U	PROD	1	0	28.1	204	2	0	5.8	333	0	0		C-13998
1964	T	PROD	1	0	7.4	300	1	0	2.6	88.5	NR	NR		C-10794
1974	U	DAK	2	0	62.6	369	NR	0	20.9	393	15.5	102		C-17404
1966	U	PROD & ARB	2	0	405	4990	5	0	11.2	1259	11.2	1259		C-12298
1967	T	PROD	1	0	16.3	501	1	0	1.3	379	0	0		C-13602
1968	M	PROD & CEDH	2	0	140	1986	3	0	2.6	322	2.3	NR		C-14335
1963	U	PROD	5	0	566	11502	4	0	5.2	1088	5.2	1088		C-10080
1980	T	PROD	1	0	300	NR	1	1	4.5	NR	NR	NR		CR-9803
1967	T	PROD	1	0	11.0	640	2	0	4.3	225	1.4	33.3		CR-5784 C-13645 C-11774

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
ROOKS COUNTY							
WESTHUSIN FIELD							
HAROLD KRUEGER 13- 9S17W	C-13647	MARY DOUGHERTY	P	KC	3150	5	37.0
TERRA RESOURCES 11,12- 9S17W	C-10108	WESTHUSIN UNIT	W	LKC	3130	20	33.7
ZURICH FIELD							
CITCO 27- 9S19W	C-17039	ZURICH TOWNSITE UNIT	W	TOR&LKC	3360	1	NR
MURFIN DRILLING 26,35-10S19W	C-6581	MCCULLOUGH	W	LKC	3300	25	32.0
*SEE ALSO ELLIS-ROOKS							
RUSH COUNTY							
BASGALL WEST FIELD							
ENERGY RESERVES 4-16S17W	C-16776	D.R. ROTH	W	LKC	3200	13	35.3
PLEASANT VIEW FIELD							
FRONTIER OIL 10,14,15-16S17W	C-16358	BASGALL ETAL	P	LKC	3300	6	36.0
REICHEL FIELD							
FRONTIER OIL 3-16S17W	CR11775	BASGALL B	P	LKC	3442	8	36.0
SCHEUERMAN FIELD							
PICKRELL DRILLING 34-18S20W	CR12774	BOTT C	D	CHER	4135	7	35.0
RUSSELL COUNTY							
BAXTER FIELD							
CITCO 33-14S15W	C-14534	BAXTER A	W	TOR&LKC	3118	28	32.0
BOXBERGER WEST FIELD							
HELMERICH & PAYNE 34-15S15W	C-17274	MORGENSTERN	P	LANS	3200	26	32.0
DAVIDSON FIELD							
KWB OIL 29-15S11W	C-11475	CHEGWIDDEN LEASE	D	LKC	5100	15	36.0
LADD PETROLEUM 34-15S11W	C-12723	PELZ-SCHREIBER		LANS	NR	NR	NR
DRISCOLL FIELD							
R & H OIL & GAS 19-15S11W	CR-1179	DRISCOLL	S	KC	3340	270	34.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1967	T	PROD	1	0	73.5	1128	7	0	7.2	293	2.4	62.9		C-13647
1963	T	PROD	3	0	329	9332	9	0	15.1	1449	15.1	578		C-10108
1974	M	PROD & FR	3	0	5598	3141	6	0	18.5	548	18.5	107		C-17039
1958	M	PROD & DAK	2	0	209	799	5	0	9.4	139	0	0		C-6581 C-6557
1973	M	PROD & DAK	1	0	15.2	468	4	0	6.3	203	0	0		C-16776
1972	U	PROD	2	0	36.5	38.0	5	0	3.4	58.8	1.1	14.5		C-16358
1978	U	PROD	1	0	30.0	90.0	2	0	3.5	12.4	1.2	4.1		CR11775
1978	U	PROD	1	0	78.1	230	3	0	3.8	135	0	0		CR12774
1968		PROD	1	0	8.3	89.0	2	0	3.2	88.8	3.2	16.5		C-14534
1974	M	DAK	1	0	81.4	421	3	0	4.8	40.2	NR	NR		C-17274
1965	T	PROD	1	0	27.4	771	2	0	1.6	NR	1.6	NR		C-11475
NR	U	PROD	1	0	0	NR	1	0	0.5	NR	0	NR	210	C-12723
1975	U	PROD	2	0	0	NR	5	0	3.6	NR	0	NR	211	CR-1179

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
RUSSELL COUNTY							
EULERT FIELD							
ARCO 35-11S15W	C-14451	EULERT UNIT	W	TOP&LKC	2990	27	36.7
SHIELDS OIL PRODUCER 34-11S15W	C-16754	EULERT	D	ARB	3260	10	33.0
FAIRPORT FIELD							
AYLWARD DRILLING 32-11S15W	C-11553	BOOTH	P	LKC	2850	22	30.0
ENERGY RESERVES 32-11S15W	C-15009	BOOTH A	W	DOD&LAN	2875	10	33.4
ENERGY RESERVES 8,30,31-12S15W 25,36-12S16W	C-14224	AUSTIN WF UNIT	W	LKC	3000	121	36.4
ENERGY RESERVES 8-12S15W	C-11344	OSWALD	W	LKC	2911	31	35.9
JOHN O. FARMER 20-12S15W	C-14502	FAIRPORT WF	P	LKC	3000	5	39.0
MAI OPERATIONS 20-12S15W	C-16012	MILKE-KRUG	W	LKC	3000	6	36.0
MAI OPERATIONS 4,9-12S15W	CR-7786	SUTTON-BRUNDAGE	W	LKC&TRK	2940	70	35.0
MAI OPERATIONS 10,15,16-12S15W	C-12911	BELLER	W	LKC	2970	6	36.0
MAI OPERATIONS 9-12S15W	C-13149	SUTTON B	W	LKC	2961	6	37.6
R.P. NIXON OPERATION 20-12S15W	C-15693	GIBBS	D	LKC	3001	30	38.0
SHIELDS OIL PRODUCER 4-12S15W	CR-8786	EULERT B	W	TARKIO	NR	NR	NR
SOHIO NAT RESOURCES 30-12S15W	C-13056	DECKERT	W	LKC	3020	36	34.9
SOHIO NAT RESOURCES 19-12S15W	C-13057	RUSCH A	W	LKC	3020	36	37.5
SOHIO NAT RESOURCES 5-12S15W	C-17612	SUTTON COOP WF	W	LKC	NR	NR	NR
SOHIO NAT RESOURCES 19-12S15W	C-13058	RUSCH B	W	LKC	3020	36	38.6
SOHIO NAT RESOURCES 8-12S15W	C-18706	MIDDLE FAIRPORT	W	TRK&LKC	NR	NR	33.5
TEXACO 31-12S15W	C-6472	JACOBS	W	LANS	3000	34	33.0
GORHAM FIELD							
A.F. SCHMIDT 7-14S14W	CR-6781	SCHMIDT		LKC&REG	3089	4	35.0
AM PETROFINA TEXAS 32-13S14W	C-13775	BOXBERGER		LKC	NR	NR	
BILL MORRIS III 6-15S14W	C-13077	VON FELDT	W	KC	2965	5	33.0
HOME STAKE PROD 32,33-13S15W 3,4,5-14S15W	C-9846	GORHAM	W	LKC	3050	28	36.0
JAY HUTCHINSON 24-14S15W	C-17645	REINHARDT		ARB	NR	NR	NR
J.L. KING OIL OPERAT 36-14S15W 1-15S15W	C-11901	SCHWEIN-HALL UNIT	D	GORHAM	NR	NR	NR
J.L. KING OIL OPERAT 31-14S14W 6-15S14W	C-12022	DIMLER-MUDD		GORHAM	NR	NR	NR

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1968	U	PROD & ARB	6	0	1895	19008	10	0	29.3	574	29.3	574		C-14451
1972	U	PROD	1	0	86.4	817	1	0	2.0	25.7	0.9	5.9		C-16754
1965	T	PROD	1	0	188	2909	6	0	8.6	364	8.6	163		C-11553
1956	U	PROD	1	0	52.4	3301	3	0	6.4	1072	0	0		C-15009 C-4976
1956	U	PROD	4	0	691	13682	13	0	25.8	3046 C-12481	NR	0 C-5094	C-5055	C-14224 C-3243
1964	U	PROD & DAK	4	0	563	11803	14	0	36.9	3406	0	0		C-11344
1968	U	PROD	1	0	18.5	187	3	0	2.4	146	0	0		C-14502
1971	T	PROD	3	0	156	2156	10	0	9.5	574	7.1	80.4		C-16012
NR	T	PROD	1	0	139	229	14	0	23.6	339	7.1	7.1		CR-7786
1966	T	PROD	5	1	262	3880	11	0	15.3	1260	12.2	343		C-12911
1970	T	PROD	3	0	235	2272	8	0	11.2	273	7.9	95.9		C-13149
1970	T	PROD	2	0	310	1674	6	0	11.1	112	11.1	46.6		C-15693
1979	U	PROD	1	0	74.2	108	4	0	4.6	6.0	3.2	3.6		CR-8786
1967	T	PROD & DAK	1	0	125	1269	3	0	11.1	271	11.1	149		C-13056
1967	T	PROD & DAK	1	0	139	1734	2	0	8.6	208	8.6	157		C-13057
NR		NR	0	0	0	0	0	0	0	0	0	0	212	C-17612
1967	T	PROD & DAK	2	0	283	3170	3	0	5.2	103	5.2	78.0		C-13058
1977	T	PROD & DAK	12	0	1374	3824	45	0	202	1076	202	787		C-18706
1958	N	NR	0	0	0	6308	6	0	10.9	571	10.9	399	213	C-6472
1965	U	PROD	1	0	5.2	NR	1	0	1.9	NR	0	NR		CR-6781
NR			NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	214	C-13775
1962	T	PROD	1	0	110	1900	3	0	4.2	100	1.8	30.0		C-13077
1962	T	PROD	13	0	1655	61445	29	0	45.0	2388	45.0	2388		C-9846 C-9137
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		C-17645
NR	U	PROD	1	0	515	7357	9	0	7.6	100	3.5	31.0		C-11901
NR	N	NR	1	0	520	7408	7	2	4.7	43.4	1.2	11.0		C-12022

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
RUSSELL COUNTY							
GORHAM FIELD							
LEBEN OIL 4-14S15W	C-10923	MILLS A		LANS	3050	90	56.0
OKMAR OIL 17-14S14W	C-12345	VAUGHN	W	LANS	3180	8	40.0
PETRO-LEWIS 30-13S14W	C-17573	ATHERTON	D	ARB	1424	13	31.0
PHILLIPS PETROLEUM 18-14S14W	C-1354	CARROLL	W	LKC	3100	50	41.0
TERRA RESOURCES 19-14S14W	C-15950	REINHARDT D	D	LKC	3055	18	36.9
TEXACO 20-14S14W	C-10618	D. BRANDENBURG	W	LANS	3100	NR	38.3
HALL-GURNEY FIELD							
A B OIL 16-14S13W	C-9974	DUMLER	P	TARKIO	2370	10	NR
AM PETROFINA TEXAS 11-14S14W	C-9395	J. BLEHM	W	TARKIO	2380	10	36.0
AM PETROFINA TEXAS 4-15S12W	C-14923	KUHNLE	D	LKC	2953	28	38.3
AM PETROFINA TEXAS 17,20-14S13W	C-6968	TARKIO UNIT	W	TARKIO	2315	10	41.0
AM PETROFINA TEXAS 17,19-14S13W	C-9516	REIN	W	TARKIO	3410	10	38.0
ARROWHEAD PETROLEUM 14-15S12W	C-17789	KAUFMAN A	P	LKC	3109	5	36.0
ARVADA OIL 23-14S14W	C-8010	GURNEY		KC	3000	6	37.0
ARVADA OIL 30-14S13W	C-2969	HICKEY	P	KC	2922	4	36.0
AYLWARD DRILLING 26-14S14W	C-7619	BOXBERGER	P	LKC&TOP	2928	79	36.0
AYLWARD DRILLING 15,22-14S14W	C-8293	H.A. FINK	P	LANS	3000	22	NR
AYLWARD DRILLING 26-14S14W	C-7167	J. BOXBERGER	P	LKC	2292	18	39.0
AYLWARD DRILLING 26-14S14W	C-7165	HERBEL B	P	LKC	2924	20	38.0
AYLWARD DRILLING 21-14S14W	C-9425	ANSCHUTZ	D	LKC	3127	20	37.0
AYLWARD DRILLING 22-14S14W	C-7950	HOLL B	P	LKC	2950	22	37.0
AYLWARD DRILLING 22-14S14W	C-4543	HOLL A	P	LKC	3000	22	36.0
AYLWARD DRILLING 22-14S14W	C-7946	HOLL A	P	TARKIO	2425	22	36.0
AYLWARD DRLG 21-14S14W	C-13157	HOLL C	P	LKC	3027	60	33.0
BLANKE BROS PETR 4-15S12W	C-8566	MAJOR	D	LKC	2940	8	37.0
BLANKE BROS PETR 20-14S12W	C-11343	ROYLONG	D	TARKIO	2295	7	38.0
CARL W. BOXBERGER 14-14S14W	C-15814	BOXBERGER B	D	LKC	3000	10	38.0
CITCO 9,16,10-15S12W	CR-7777	ZEMAN LKC COOP WF	W	LKC	3000	83	NR
CITCO 28,29-14S13W	C-2328	CARTER-GRAHAM COOP WF	W	LKC	2880	23	37.0
CITCO 25-14S13W	C-16582	WEIMEISTER	D	LKC&TRK	3652	26	39.1

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1964	T	PROD	1	0	40.0	1045	1	0	0.4	436	0	0		C-10923
1966	U	PROD	1	0	391	8623	4	0	7.3	715	4.9	209		C-12345
NR	U	PROD	2	0	223	NR	8	0	4.5	NR	4.5	NR	215	C-17573
1957	U	PROD	3	0	345	13723	4	0	4.3	1274	4.3	NR		C-1354
1954	T	PROD	1	0	321	11505	1	0	1.7	1866	1.7	329		C-15950
1954	T	PROD	1	0	23.4	7977	1	0	3.7	291	0	0		C-10618 C-4098
1974	T	PROD	1	0	175	NR	1	0	0.2	6.6	NR	NR	216	C-9974
1962	U	PROD & DAK	1	0	22.5	1193	3	0	2.2	92.8	1.2	35.2		C-9395
1969	U	PROD & GOR	1	0	29.7	447	2	0	3.1	389	1.2	48.1		C-14923
1967	U	PROD & DAK	1	0	150	4881	3	0	1.6	88.6	1.6	56.7	217	C-6968
1962	U	PROD & DAK	1	0	18.6	3663	2	0	1.6	582	1.3	56.1		C-9516
NR	U	PROD	1	0	18.2	NR	2	0	1.2	27.3	0	0		C-17789
NR	F	FR	1	0	7	NR	4	0	4	NR	2	NR	218	C-8010
NR	U	PROD	1	0	0	NR	2	0	5	NR	0	0	219	C-2969
1950	M	PROD & DAK	2	0	122	3917	4	0	1.8	172	1.8	4.1		C-7619
1975	T	PROD	1	0	48.6	285	1	0	0.9	10.0	0.9	10.0		C-8293
1959	T	PROD	1	0	155	3615	3	0	5.9	291	5.9	278		C-7167
1959	T	PROD	1	0	14.0	516	3	0	2.5	120	2.5	106		C-7165
1962	T	PROD	2	0	268	3093	7	0	3.8	108	3.8	86.3		C-9425
1970	T	PROD & DAK	2	0	312	4286	10	0	7.3	642	7.3	554		C-7950
1954	T	PROD	3	0	484	4393	8	0	7.7	1064	7.7	903		C-4543
1967	T	PROD	1	0	81	2198	1	0	0.6	54.2	0.6	54.2		C-7946
1966	M	PROD & CHEY	2	0	292	3036	4	0	7.4	618	7.4	408		C-13157
1967	U	PROD	1	0	52.2	NR	2	0	1.6	NR	NR	NR		C-8566
NR	U	PROD	1	0	1.8	NR	1	0	0.2	NR	0	NR		C-11343
1970	U	PROD	1	0	5.4	486	3	0	1.6	392	0.9	15.7		C-15814
1977	U	PROD	7	NR	782	1191	9	NR	23.1	1538	2.8	3.1		CR-7777
1950	M	PROD & DAK	2	0	148	3766	2	0	2.7	1219	2.7	513		C-2328
1972	T	PROD	1	0	35.0	188	4	0	9.8	296	9.8	81.3		C-16582

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
RUSSELL COUNTY							
HALL-GURNEY FIELD							
CITCO 24,26-14S14W	C-7524	HALL-GURNEY	W	LKC	2880	66	39.0
CITCO 15-15S12W	C-6101	KASTRUP	P	LKC	2930	48	NR
CONOCO 26-14S13W	C-14758	HALL TARKIO		TARKIO	3250	9	37.4
CONOCO 27-14S13W	C-9407	REIN AREA	W	LANS	2860	13	38.9
CONOCO 26,35-14S13W	C-4592	HALL LANSING	W	LANS	2800	20	39.2
DREILING OIL 3-14S14W	C-10265	BOX BURGER	D	LKC	NR	0	37.0
DREILING OIL 4-14S14W	C-9693	KRUG	D	LANS	3049	100	38.0
ENERGY RESERVES 27,28-14S14W	C-14620	KRUG-OLSON WFS	W	LKC	3000	136	37.4
ENERGY RESERVES 25-14S14W	C-8926	BEN REIN	W	LKC&TRK	2950	20	36.4
ENERGY RESERVES 10-14S14W	C-12387	NEWCOMER	W	LKC	3000	60	36.4
GAS PRODUCING ENTR 7-15S13W	C-13777	WEIMASTER	W	LKC	3000	8	37.0
GAS PRODUCING ENTR 36-14S13W	C-9985	KRUG	D	LKC	2850	150	37.0
GETTY OIL 33-14S13W	C-1088	T.B. CARTER	P	LKC	2885	10	34.0
GETTY OIL 25-14S14W 28,29-14S13W	C-5781	HALL-GURNEY	W	LKC	2890	18	39.0
GETTY OIL 28-14S13W	CR10792	CARRIE COLLIVER	W	TARKIO	2240	14	37.0
GETTY OIL 25-14S15W	C-16911	A. EHRLICH L-KC	W	LKC	2944	84	32.0
GULF 30-14S12W	C-12992	ABRAHAM HEARD	W	LKC	2850	NR	NR
IVAN HOLT WELL SERV 25-14S14W	C-6727	STRECKER TARKIO	P	TARKIO	2257	7	37.5
JAYHAWK WELL SERV 16-14S14W	C-8456	COADY	D	KC	2900	4	38.6
JAYHAWK WELL SERV 21-14S14W	C-9078	HOLL A	N	LANS	2900	4	38.6
JAYHAWK WELL SERV 2-15S14W	C-4550	MICHEL C	P	LANS	NR	NR	NR
JAYHAWK WELL SERV 2-15S14W	C-7366	MICHEL B	D	KC	2900	4	38.5
JAYHAWK WELL SERV 21-14S14W	C-11860	HOLL B	D	KC	2900	4	39.0
J.J. HALL OPERATING 30,31-14S13W	C-15078	MILLER		LKC	2859	25	38.0
JOHN O. FARMER 4-15S12W	C-16068	SMOKY UNIT	P	LKC	2990	5	38.0
JOHN O. FARMER 27-14S13W	C-9415	REIN WF	P	LKC&TRK	2850	5	37.0
JOHN S. MARTIN 33-15S12W	C-14595	KAUFMAN	D	KC	3250	15	36.0
K & P OIL 4-15S14W	C-17046	DRISCOLL A		TARKIO	NR	NR	NR
KOCH EXPLORATION 32-15S12W	C-15052	NEY WF UNIT	W	LKC	3020	NR	38.5
LADD PETROLEUM 30-14S13W	C-2964	HICKEY	P	KC	2922	4	36.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1948	T	PROD	7	0	1564	29990	11	0	25.6	3394	25.6	1640	C-4738	C-7524 C-2030
1958	T	PROD	1	0	120	883	1	0	0.9	141	0.9	36.0		C-6101
1953	U	PROD	1	NR	74.2	1294	4	NR	2.5	82.2	2.5	64.4		C-14758
1972	U	CHEY	3	NR	433	7042	4	NR	11.8	584	10.1	399		C-9407
1956	F	FR	5	NR	302	10948	6	NR	12.5	984	12.5	915		C-4592
1962	T	PROD	1	0	126	4510	4	0	5.0	564	5.0	165		C-10265
1971	T	PROD	1	0	428	7470	3	0	5.1	233	3.9	131		C-9693
1953	U	PROD	10	0	1482	25336	22	0	63.6	6554	0	0		C-14620
1957	U	PROD	2	0	203	4714	5	0	4.5	1082	0	0	C-4587	C-4595 C-8926 C-5437
1966	U	PROD	1	0	165	2820	5	0	5.2	747	0	0		C-12387
1967	U	PROD & ARB	1	0	171	2179	1	0	42.8	545	2.2	468		C-13777
1963	U	PROD	2	0	60.0	1419	6	0	14.9	995	5.4	355		C-9985
1944	T	PROD & DAK	2	0	192	3460	5	0	7.7	531	7.7	295		C-1088
1950	T	PROD & DAK	14	0	1414	28930	22	0	40.2	3858	40.2	2799	C-5195	C-5781 C-2439
1980	T	PROD&DAK	1	0	35.4	35.4	2	0	1.2	119	0.3	0.3		CR10792
1973	T	PROD	1	0	173	1468	3	0	5.9	502	5.9	61.6		C-16911
NR	U	PROD	0	0	0	0	2	0	2.3	257	0	NR	220	C-12992
1959	T	PROD	2	0	100	4574	4	0	6.7	300	NR	NR		C-6727 C-4691
1961	U	PROD	1	0	7.2	386	5	0	24.0	15.0	0.5	15.0		C-8456
1967	N	PROD	1	0	0.5	88.0	4	0	1.0	NR	0.5	NR		C-9078
NR	N	NR	0	0	0	NR	0	0	0	NR	0	NR	221	C-4550
1959	U	PROD	1	0	1.5	103	3	0	2.4	56.0	1.2	28.0		C-7366
1965	U	PROD	1	0	3.6	39.0	4	0	2.4	30.0	1.2	15.0		C-11860
1967		PROD	2	0	290	2926	15	0	37.3	3081	37.3	437		C-15078
1971	U	PROD & DAK	6	0	551	8985	14	0	12.2	1047	12.2	194		C-16068
1962	U	PROD	1	0	71.7	2809	4	0	4.8	679	0	238		C-9415
1966	T	PROD	1	0	3.9	NR	2	1	0.7	NR	0.7	NR	222	C-14595
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	223	C-17046
1969	F	CED H	0	0	0	2013	5	0	20.7	960	0	281		C-15052
NR	U	PROD	1	0	146	NR	4	0	2.5	NR	NR	NR	224	C-2964

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
RUSSELL COUNTY							
HALL-GURNEY FIELD							
LEE PHILLIPS OIL 34-14S13W	C-13121	LETSCH	W	TRK&LKC	2810	30	38.0
MAI OPERATIONS 26-14S13W	C-13594	WM LETSCH	P	TARKIO	2280	28	38.0
MAI OPERATIONS 21,22-14S13W	C-11301	CAMPBELL-GRAHM	W	TARKIO	2275	20	39.0
MAI OPERATIONS 26-14S13W	C-11620	SHAEFFER C	W	TRK&LKC	2890	33	36.0
MAI OPERATIONS 3-15S13W	C-8345	RLDGER-SHAFFER	D	LKC	2970	6	39.0
MAI OPERATIONS 27-14S13W	C-15796	ROGG-REIN	W	TARKIO	2265	8	36.0
MAI OPERATIONS 22-14S13W	C-11509	BOND-JONES	W	TARKIO	2265	20	38.0
MOBIL 27-14S13W 29,30,31,32-14S12W	C-13313	SMOKY HILL RIVER UNIT	W	LKC	2860	18	36.4
MURFIN DRILLING 6-15S13W	CR-6771	BERRICK WF	W	LKC	3014	25	38.0
MURFIN DRILLING 33-14S13W	C-13536	CARTER WF	P	LKC	2860	48	37.0
NCRA 34-14S14W	C-11738	MAI	W	LANS	2920	8	37.6
OKMAR OIL 15-15S12W	C-16088	MILLER	P	LKC	2965	100	38.0
OKMAR OIL 23-14S13W	C-8022	BOND	W	TARKIO	2275	10	36.0
OKMAR OIL 15-14S14W	C-15415	BOXBERGER A B D	W	LKC	2980	10	34.0
PETROLEUM MANAGEMENT 22-14S14W	C-13201	BOXBERGER		TARKIO	2960	20	37.0
PIONEER OPERATIONS 28-14S14W	C-8065	FLEGLER	P	LKC	2950	150	39.0
PIONEER OPERATIONS 16-14S14W	C-18327	BOXBERGER C	P	LKC	2975	160	37.0
R.P. NIXON OPERATION 24-14S14W	C-10610	DUMLER		TARKIO	4300	10	38.0
R.P. NIXON OPERATION 2-14S14W	C-11459	BOXBERGER	D	LKC	3050	25	34.0
ROBINOWITZ OIL 33-15S12W	C-17858	GRIZZELL	W	ARB	3316	36	39.2
SACO OIL 26-14S14W	CR-3802	KRUG A	D	LKC	3050	40	38.0
SHIELDS OIL PRODUCER 27,28-14S13W	C-9408	REIN AREA WF	W	KC	2800	25	39.3
SHIELDS OIL PRODUCER 14-15S12W	C-6847	GUSTASON ESTATE	D	TOR	2840	15	37.0
SHIELDS OIL PRODUCER 31-14S13W	C-7750	MILLER WF	W	KC	2800	30	37.0
SHIELDS OIL PRODUCER 32-13S14W	C-1552	G.C. EHRLICH	W	KC	2800	30	NR
TERRA RESOURCES 15,16-14S14W	C-5396	FINK	W	LKC	3020	15	36.3
TERRA RESOURCES 19,30-14S13W	C-14872	C.E.P.-LKC	P	LKC	2950	8	36.2
TERRA RESOURCES 9-14S14W	C-12707	KRUG	P	LKC	3000	45	35.8
TEXACO 22-14S14W	C-5073	G. BOXBERGER A & B	W	LANS	3100	NR	37.0
TEXACO 32-14S12W 5-15S12W	C-11915	BORELL & VEJL		LANS	2900	10	36.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1961	M	PROD & FR	4	0	56.0	2488	9	0	48.6	3203	47.9	832		C-13121
1962	T	PROD	3	0	155	3988	4	0	5.1	935	2.5	119		C-13594
1964	T	PROD & DAK	5	0	234	3850	11	0	5.7	442	4.6	191		C-9417 C-11301
1967	T	PROD	3	0	138	3566	7	0	4.6	897	2.3	47.4	C-11296	C-9091 C-11620
1960	T	PROD	1	0	14.2	144	5	0	3.3	312	2.2	41.0		C-8345
1970	T	PROD	1	0	32.0	358	7	0	10.3	589	5.2	46.3		C-15796
1965	T	PROD	1	0	18.2	1617	4	0	1.4	292	1.4	114		C-11509
1967	M	PROD & FR	9	0	1366	17732	19	0	28.0	1156	28.0	852		C-11111 C-13313
1971	M	PROD & DAK	1	0	37.0	229	4	0	5.8	18.0	NR	NR		CR-6771
1974	T	PROD	1	0	19.1	213	2	0	1.1	NR	NR	NR		C-13536
1965	U	PROD & DAK	1	0	9.8	659	2	0	4.9	107	0.9	44.6		C-11738
1971	T	PROD	1	0	175	883	1	0	1.4	NR	0.2	3.6		C-16088
1960	U	PROD	2	0	16.4	2168	4	0	2.3	291	2.3	294		C-8022
1970	U	PROD	2	0	315	3121	6	0	11.7	677	6.4	59.9		C-15415
1966		NR	0	0	0	2551	1	0	1	295	0	285	225	C-13201
NR	T	PROD	1	0	88.3	NR	1	0	3.0	9.0	0	0		C-5033 C-8065
NR	T	PROD	1	0	122	NR	5	0	2.6	8.6	NR	NR		C-18327
1963	U	PROD	3	0	403	1400	6	0	10.4	217	10.4	200		C-10610
1964	T	PROD	1	0	27.7	723	1	0	1.3	12.7	1.3	11.2		C-11111 C-11459
1975	U	PROD	1	0	90.8	NR	2	0	3.8	258	0.5	8.6		C-17858
1980	U	PROD	1	0	5.0	5.0	4	1	17.7	17.7	17.7	17.7		CR-3802
1963	M	PROD & DAK	7	0	688	17370	17	0	28.0	1159	31.0	810		C-9408
1957	U	PROD & ARB	1	0	35.0	1058	2	0	2.7	60.1	2.0	51.8		C-6847
1964	M	PROD & DAK	3	0	214	3830	6	0	19.7	309	18.0	234		C-7750
1971	M	PROD & DAK	1	0	87.4	1207	4	0	19.9	194	17.0	157		C-1552
1957	T	PROD	3	0	217	6397	8	0	7.9	786	7.9	487		C-5396
1959	T	PROD & DAK	5	0	402	6663	15	0	26.0	1583	26.0	1004		C-14872
1963	T	PROD	2	0	475	8544	4	0	9.3	218	9.3	C-7567 134	C-6527	C-3059 C-12707
1953	U	PROD	1	0	117	5261	7	0	11.1	587	2.2	542	C-10671	C-10571 C-5073
1963	U	NR	1	0	241	4301	5	0	6.7	426	0	0	C-10434	C-4517 C-11915 C-10433

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
RUSSELL COUNTY							
HALL-GURNEY FIELD							
TEXACO 10-14S14W	C-10948	BOXBERGER SL & H	W	LAN-REG	3050	NR	NR
TEXACO 25,36-14S13W	C-10725	GOODHEART-RUBY	W	LANS	2900	23	36.0
TEXACO 18-14S13W	C-3771	C.W. SHAFFER	W	TARKIO	NR	NR	NR
TEXACO 23-14S14W	C-17442	E.P. GURNEY	P	TARKIO	2340	NR	NR
TEXACO 31-14S13W 36-14S14W	C-5858	KEIL & SCHNOOR	P	LKC	2875	122	NR
THEODORE GORE 28-15S12W	C-16112	WEBER	P	LKC	3000	150	37.0
THEODORE GORE 23,26-14S14W	C-17491	BOXBERGER SWD	P	TRK	3000	100	37.0
THEODORE GORE 22,27-15S12W	C-12581	KAUFMAN B	P	LKC	2774	300	40.0
THEODORE GORE 36-14S13W	C-13036	RUBY A	P	LKC	2835	90	37.0
THORNTON E. ANDERSON 33-15S12W	CR27811	KAUFMANN	D	ARB	NR	NR	38.0
TRI-W OIL 3-14S14E	C-4490	WITT C LEASE	D	KC	3000	30	37.0
KRAFT-PRUSA FIELD							
ISERN-SCHULTZ OIL 31-15S12W	C-14969	DURR	P	QRTZ SD	3374	20	35.0
NUSS FIELD							
RAM OIL 32-15S14W	C-8871	NUSS-ELSASSER	D	LKC	3190	250	35.0
PARKER FIELD							
THORNTON E. ANDERSON 7,8-15S12W 12,13-15S13W	C-18326	PARKER UNIT	W	LANS	3020	8	40.0
PARKER NORTHEAST FIELD							
MURFIN DRILLING 7,8-15S12W	CR-6774	HERBER-HILGENBERG WF	W	LKC	3050	162	37.5
PLYMOUTH FIELD							
ALBERT W. BORELL 13-14S11E	C-16313	ESCHBAUGH	D	TOPEKA	2485	5	36.0
REICH FIELD							
HAROLD KRUEGER 28,29-20S15W	C-11438	REICH ETAL UNIT	P	KC	2975	5	35.0
ROOSEVELT FIELD							
F & M OIL 24-15S15W	CR-7806	ELSIE COADY	P	LANS	3161	7	31.9
SHIELDS OIL PRODUCER 23-15S15W	C-16992	MORGANSTERN	D	LKC	3300	10	38.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1954	U	PROD	2	0	370	10956	13	0	20.6	2033	10.9	759		C-10948
											C-5445	C-4504	C-4220	C-4219
1963	U	PROD	4	0	192	8852	9	0	14.9	624	5.6	461		C-10725
														C-10284
1959		NR	0	0	0	0	1	0	0.6	22.0	0	0	226	C-3771
1974	U	PROD	2	0	70.5	1038	4	0	7.0	64.9	0.6	4.6		C-17442
1958	U	PROD	3	0	83.2	NR	5	0	4.5	130	0	0		C-5858
1966	T	PROD	1	0	7.2	855	2	0	2.1	1129	0.3	9.6		C-16112
1955	T	PROD	4	0	489	5323	12	2	20.7	1449	6.3	501		C-17491
												C-13980	C-4499	C-4032
1967	T	PROD	1	0	110	1640	4	0	7.9	762	3.4	71.1		C-12581
1966	T	PROD	1	0	117	2500	3	0	6.2	752	0.5	127		C-13036
1977		PROD	1	0	46.0	142	2	0	1.7	72.5	0	0		CR27811
1954	U	PROD	1	0	32.8	NR	2	0	2.2	NR	NR	NR		C-4490
1969	T	PROD	1	0	226	3374	2	0	1	161	0	0		C-14969
NR	U	PROD	1	0	76.3	NR	2	0	1.6	NR	NR	NR		C-8871
1976	T	PROD	2	0	48.0	204	5	0	13.4	546	3.3	16.5		C-18326
1976	T	PROD	2	0	116	675	6	0	15	57.8	NR	NR		CR-6774
														C-18104
1971	T	PROD	0	NR	0	0.4	1	0	0.2	NR	NR	NR		C-16313
1962	T	PROD	2	0	151	2994	15	0	15.4	725	7.7	292		C-11438
1979	U	PROD	1	0	19.7	19.7	2	0	0	NR	3.3	3.3		CR-7806
1973	T	PROD	1	0	65.0	293	2	1	5.6	24.1	1.2	17.8		C-16992

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
RUSSELL COUNTY							
RUSSELL FIELD							
OKMAR OIL 28-13S14W	C-15953	HOLLAND-KILLIAN	W	LKC	3020	5	34.0
S&S FIELD							
GLENN W. PEEL EST 1-13S15W	C-15949	SHAFFER	D	LKC	2821	45	37.5
MAI OPERATIONS 36-12S15W	CR-3784	S&S A	W	LKC	2860	164	35.0
STRECKER FIELD							
AM PETROFINA TEXAS 20,21,28,29-15S14W	CW-4781	STRECKER UNIT	W	LKC	3277	200	39.7
AM PETROFINA TEXAS 16-15S14W	C-11977	STRICKER	W	LKC	3041	NR	40.0
TRAPP FIELD							
CITCO 9-15S13W	C-7631	NORTHEAST TRAPP	W	LKC	3090	28	37.0
CITCO 12,13-15S14W	C-13257	EICHMAN A WF	W	LKC	3090	12	38.0
CONOCO 17-15S13W	C-7606	TRAPP LANSING	W	LANS	2950	21	38.5
E.H. RIGGS 22-15S13W	CR-8771	BER-SEL-ES	P	LKC	3000	300	40.0
ENERGY RESERVES 4,9-15S13W	C-7604	NORTHEAST TRAPP	W	LKC	3010	55	38.8
EXXON 7,8,17-15S13W	C-7553	N.TRAPP WF UNIT	W	KC	2986	28	39.0
GAS PRODUCING ENTR 7-15S13W	C-13766	MAAG	D	LKC	3000	8	37.0
GETTY OIL 7,8-15S13W	C-7765	ANDERSON-REIN UNIT	W	LKC	2900	50	37.0
GULF 23,24-15S13W	C-15070	BERRICK-PIESTER	W	KC	3029	18	38.0
HILLENBURG OIL 6-15S13W	C-7566	BERRICK	D	LK	2990	20	36.0
LARRY MOORE RANCH 20-15S13W	CR77712	HILL	W	LKC	3096	17	37.0
MURFIN DRILLING 22,27-15S13W	C-14364	BER-SEL-ES	W	LKC	3060	36	38.5
NCRA 2,11-15S14W	C-5183	FLEGLER B TARKIO	W	TARKIO	2298	20	38.3
NCRA 11-15S14W	C-9131	FLEGLER B LANSING	W	LANS	2966	26	38.3
NCRA 11-15S14W	C-6038	FLEGLER C	W	LANS	3057	7	27.7
PHILLIPS PETROLEUM 9-15S13W	C-7568	ROESNER	W	LKC	3100	50	39.0
R.H. SIEGFRIED 11-15S13W	C-5952	ROSS	W	LANS	3000	12	41.3
ROY VONFELDT 20-15S13W	C-7370	SELLENS	W	KC	NR	NR	35.0
RUTHVEN 18-15S13W	C-10920	BEN REIN	D	LKC	2950	150	38.0
SHELL 7-16S13W 12-16S14W	C-12252	EHRLICH-HOFFMAN	W	TOP&LKC	2962	100	36.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1971	U	PROD & ARB	0	0	64.8	782	2	0	8.3	1005	2.9	39.6		C-15953
1971	U	PROD	1	0	3306	297	5	0	2.5	31.6	2.5	31.6		C-15949
1978	T	PROD	2	1	41.5	115	3	0	2.3	150	0.2	0.8		CR-3784
1978	T	PROD & DAK	3	0	350	699	5	0	8.6	29.4	8.6	29.4		CW-4781
1965	U	PROD	3	0	52.0	1402	5	0	0.6	70.7	0.5	70.7		C-11977
1960	M	PROD & DAK	4	0	565	9186	3	0	19.9	1525	19.9	524		C-7631
1957	T	PROD	1	0	136.	7230	2	0	8.3	1629	8.3	603		C-13257 C-5472
1961	U	DAK & CHEY	6	NR	658	10168	6	NR	11.9	950	11.9	877		C-7606
1968	T	PROD	1	0	21.9	222	3	0	8.9	253	5.6	NR		CR-8771
1960	U	PROD & DAK	9	0	721	14040	12	0	36.9	3710	0	0	C-7589	C-7604 C-7590
1961	T	DAK	9	0	1365	19676	15	1	42.7	3631	42.7	2398		C-7553
1967	U	PROD	1	0	25.9	557	2	0	3.5	569	6.5	139		C-13766
1961	T	PROD & DAK	9	0	1125	15072	12	0	30.4	2682	30.4	1299		C-7765
1969	U	PROD	2	0	103	2720	4	0	3.7	921	3.7	921		C-15070 C-14141
1960	U	PROD	1	0	67.9	NR	1	0	1.9	NR	0	NR		C-7566
1978	U	PROD	1	0	7.6	21.3	1	0	2.1	43.9	2.1	5.5		CR77712
1969	M	PROD & DAK	3	0	166	2909	7	0	13.2	231	NR	NR		C-14364
1956	U	PROD	1	0	76.5	2982	1	0	1.4	356	1.4	192		C-5183
1962	U	PROD & ARB	1	0	276	5503	3	0	3.7	249	3.7	164		C-9131
1958	T	PROD & ARB	2	0	231	6073	6		7.3	345	7.3	266		C-6038
1960	U	PROD	1	0	205	4508	1	0	1.5	320	1.5	NR		C-7568
1958	T	PROD & ARB	2	0	152	3117	3	0	4.6	285	4.6	285		C-5952
1968	T	PROD & ARB	2	0	75.0	NR	2	0	2.2	NR	NR	NR		C-7370
NR	T	PROD	1	0	18.8	NR	2	0	4.7	16.3	NR	NR		C-10920
NR	U	PROD	0	0	0	388	12	0	61.6	5693	NR	NR	227	C-12252

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
RUSSELL COUNTY							
TRAPP FIELD							
SHELL 11,14-15S13W	C-11410	MARY KEJR ABC	W	TOR&LKC	2917	115	37.0
SHELL 22-15S13W	C-13496	L SELLENS BC	D	LKC	3035	84	33.0
SHIELDS OIL PRODUCER 9-15S13W	C-7570	NORTHEAST TRAPP	W	KC	2800	25	37.2
SOHIO NAT RESOURCES 10-15S13W	C-7565	ANSCHUTZ	W	LKC	3050	18	42.0
SOUTHERN STATES OIL 25,26,35-15S13W	C-16047	TRAPP UNIT WF	W	LKC	3065	150	37.0
TERRA RESOURCES 16,17-15S13W	C-7607	NORTH TRAPP WFS	W	LKC	3000	25	37.9
WILSON CREEK FIELD							
L.G. STEPHENSON 24-14S11W	C-16282	STOPPEL-SEBESTA	P	LANS	2821	20	37.4
L.G. STEPHENSON 24-14S11W	C-17954	SMALL-SEBESTA A	P	TARKIO	2100	4	37.5
L.G. STEPHENSON 23-14S11W	C-17428	PRINC	P	LANS	2821	7	37.3
*SEE ALSO ELLIS-RUSSELL							
SALINE COUNTY							
BACHOFER FIELD							
G.R. HESS & L. MORRE 14-15S 2W	CR-9771	MELANDER UNIT	P	MISS	2840	16	30.0
GYPSUM FIELD							
TEICHGRAEBER OIL 4-16S 1W	C-18390	MORTIMER	P	MISS	2600	NR	34.0
HUNTER NORTH FIELD							
MELLAND DRILLING 5,8-16S 1W	C-17809	NORTH HUNTER	D	MISS	2662	4	34.0
LINDSBORG FIELD							
RAY PERERA 32-15S03W	C-10664	ROBINSON ET AL	D	MAQ	3400	5	NR
PIHL FIELD							
TOMLINSON OIL 24-15S 2W	C-11513	PIHL	D	MISS	2750	10	35.5
SALINA FIELD							
L.B. JACKSON 28,29-14S2W	C-18025	CLINE-FLOYD HAGG		MAQ	NR	NR	32.0
MULTISTATE OIL PROP 5,6-15S2W	C-9817	SWIGART	P	MAQ	3225	15	35.0
SMOLAN FIELD							
GEAR PETROLEUM 25,36-15S 4W 30-15S 3W	C-14385	SMOLAN FIELD WF PROJECT	W	MAQ	3400	6	35.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
NR	U	PROD	2	0	80.3	1483	4	0	4.9	632	NR	NR		C-11410
NR	U	PROD	0	0	92.6	580	5	0	19.0	378	NR	NR		C-13496
1960	T	PROD	4	0	289	5730	3	0	20.7	473	16.0	391		C-7570
1960	T	PROD & DAK	2	0	333	4475	3	0	39.4	513	39.4	435		C-7565
1971	U	PROD	4	0	350	2624	8	0	12.5	96.4	12.5	96.4		C-16047
1961	T	PROD	10	0	1121	19445	19	0	57.6	7231	57.6	2697		C-7607
1978	U	PROD	3	1	190	1127	12	1	25.0	536	0	0		C-16282
1973	U	PROD	3	0	36.4	303	2	0	4.4	36.0	0.4	0.4		C-15539 C-17954
1974	U	PROD	1	0	210	855	3	0	15.8	402	0	0		C-17785 C-17428
1977	T	PROD	1	0	4.4	93.4	2	0	2.3	74	2.3	10.0		CR-9771
1976	U	PROD	1	0	NR	NR	0	0	1.9	NR	0	NR		C-18390
1975	U	PROD	1	0	130	702	7	0	5.2	33.5		NR		C-17809
1970	U	PROD	1	0	219	NR	0	0	0	NR	0	NR		C-10664
1965	U	PROD	1	0	238	2906	3	0	4.8	204	4.8	126		C-11513
1946	U	PROD	2	0	11.0	NR	5	0	0.8	NR	0.8	NR		C-18025
1962	U	PROD	1	0	294	NR	10	0	11.2	NR	11.2	NR		C-9817
1962		PROD & MC	5	0	947	NR	13	0	8.2	NR	8.2	NR		C-14385

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
SALINE COUNTY							
SMOLAN FIELD							
RAY PERERA 30-15S03W	C-6631	OSTENBERG		MAQ	NR	NR	NR
SCOTT COUNTY							
BROOKOVER FIELD							
OKMAR OIL 20-17S31W	CR10772	BOYER		LANS	NR	NR	NR
HUGOTON NORTH FIELD							
M.L. BROWN 26-17S33W	CR-6778	SMITH	P	MORR	4642	20	26.0
SHALLOW WATER FIELD							
M.L. BROWN 14-20S33W	C-4383	MARK B	P	MISS	4595	80	26.0
SEDGWICK COUNTY							
BUERKI FIELD							
RAINS & WILLIAMSON 2-28S 2W	CR-9786	BUERKI	W	MISS	NR	NR	NR
BUZZI FIELD							
AM PETROFINA TEXAS 31-25S 1E	C-16044	HEMME	P	HUNTON	3445	5	41.0
CHENEY FIELD							
A. SCOTT RITCHIE 7-27S 4W	C-17209	CASAD	P	MIS&VIO	3976	44	35.0
CLEARWATER FIELD							
ENERGY RESOURCES O&G 23-29S 2W	C-15022	SENTER	P	L<C	2940	10	37.0
GILLIAN FIELD							
CONOCO 27,28,33,34-29S01W	CR11791	GILLIAN-SIMPSON		SIMP	3735	33	NR
GLADYS FIELD							
GULF 25,29,30,31,-28S 1E 32,36-28S 1E	C-8324	GLADYS UNIT	W	MISS	3200	44	42.0
GULF 29-28S 1E	C-8325	GLADYS UNIT EAST	W	MISS	3200	25	42.0
GOODRICH FIELD							
CITCO 16-25S 1E	C-13037	GOODRICH PROJ	W	KC	2730	11	33.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	228	C-6631
NR		NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	229	CR10772
1977	U	PROD	1	1	202	783	5	0	25.6	623	5.1	8.2		CR-6778
1968	T	PROD	1	0	0	1130	1	0	0.9	2069	0.5	21.8		C-4383
1978	U	PROD	1	0	16.4	69.4	4	1	9.1	63.1	NR	NR		CR-9786
1971	U	PROD	1	0	176	2619	2	0	1.9	257	0.7	63.9		C-16044
1973	U	PROD	1	0	33.2	218	1	0	1.0	47.0				C-17209
1969	U	PROD	1	0	2.1	16.4	1	0	3.0	81.7	3.0	81.7		C-15022
1974	U	PROD	2	0	408	2503	9	0	29.4	419	29.4	299		CR11791 C-17666
1961	F	FR	27	0	3224	115531	57	0	69.6	15509	69.6	15509		C-8324
1961	F	FR	6	0	536	18518	6	0	9.6	2262	9.6	2262		C-8325
1966	U	PROD & MISS	6	0	308	4737	8	0	7.9	743	7.9	607		C-13037

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
SEDGWICK COUNTY							
GOODRICH FIELD							
G & W OIL PROD 17-25S 1E	C-15691	ROWLEY	P	KC	2690	30	35.0
KUSKE WEST FIELD							
TGT PETR 14-25S 1E	C-16157	KORBER INPUT	P	BURG	3414	38	39.0
O S A FIELD							
CONOCO 10,11,14,15,22-29S 1W	C-15105	O.S.A.	W	SIMP	2884	8	45.5
ROBBINS FIELD							
STELBAR OIL 16,21-28S 1E	C-4626	ROBBINS	W	MISS	3150	30	43.0
ULMER FIELD							
CROWE DRILLING 33-25S 2E	C-16303	GREENUP	D	BURG	2902	8	NR
VALLEY CENTER FIELD							
BANKOFF OIL 1-26S 1W	C-12272	BRIGHT INJ.	W	LANS	2550	NR	36.6
SAMSON RESOURCES 7-26S 1E 1,12-26S 1W	C-11419	VALLEY CENTER WF	W	KC	2500	NR	33.0
*SEE ALSO KINGMAN-SEDGWICK							
SEWARD COUNTY							
EVALYN-CONDIT FIELD							
ANADARKO PRODUCTION 7,18,19-34S 32W 12,13,24-34S 33W	C-16786	CONDIT UNIT	W	MISS&CH	6236	13	41.9
KISMET FIELD							
A.L. ABERCROMBIE 26-33S 31W	CR10783	JURY	D	MISS	5876	40	31.5
MASSONI EAST FIELD							
LEBEN OIL 25-32S 31W	C-15801	STEWART	P	MISS	5624	184	36.0
STUKEN BROKER FIELD							
TEXAS ENERGIES 20-32S 31W	CR-7807	STUKEN BROKER	P	ST GEN	5826	15	24.0
SEWARD-STEVENS COUNTIES							
CUTTER FIELD							
MOBIL 6,7-31S 34W 1,12-31S 35W	C-13902	CUTTER UNIT AREA	W	U MORR	3200	15	40.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1970	U	PROD	1	0	9.0	127	1	0	1.2	14.5	0	NR	230	C-15691
1971	U	PROD	1	0	56.0	NR	1	0	0	NR	0	NR		C-16157
1970	U	STAL	6	NR	981	8504	14	NR	25.8	1079	25.8	1022		C-15105
1954	T	PROD	5	0	328	7495	5	0	15.5	1442	15.5	1442		C-4626 C-4183
1971		PROD	2	0	10.9	NR	2	0	2.9	NR	NR	NR		C-16303
1968	U	PROD	2	0	6.5	1090	2	0	1.8	64.1	1.5	56.9		C-12272
1966	U	PROD	1	0	253	3678	5	0	4.5	3887	3.5	73.3		C-11419
1973	M	PROD & OGLA	3	0	677	5900	4	1	81.1	533	68.6	360		C-16786
1979	U	PROD	1	0	236	468	6	0	13.1	1443	0	0		CR10783
1970	U	PROD	1	0	36.5	374	1	0	2.2	39.2	0	0		C-15801
1978	U	PROD	1	0	37.0	NR	1	0	1.8	NR	1.8	NR		CR-7807
1968	M	PROD & OGLA	4	0	1484	15152	3	0	37.8	3154	37.8	2513		C-13902

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
SHERIDAN COUNTY							
ADELL FIELD							
CONOCO 1,2,3,11,12- 6S27W	C-8906	ADELL LKC UNIT	W	LKC	3500	23	39.0
PETROLEUM MANAGEMENT 7,18- 6S26W 12,13- 6S27W	C-9881	ADELL	W	LKC	3530	12	38.0
HORTONVILLE FIELD							
KAISER-FRANCIS 20- 6S26W	C-10188	HARDESTY	D	LANS	3744	94	34.5
HOXIE FIELD							
JOHN O. FARMER 36- 8S29W 1- 9S29W 6- 9S28W	C-16164	HOXIE UNIT	P	TOR&LKC	3856	5	39.0
HOXIE WEST FIELD							
KOCH EXPLORATION 35- 8S29W	C-15224	PRATT	W	SHAW	2816	14	27.9
KOCH EXPLORATION 34,35- 8S29W	C-18370	WEST HOXIE	W	LKC	3915	NR	27.9
JEROME FIELD							
OKMAR OIL 35- 8S27W	C-15349	JEROME	W	LKC	3930	5	39.0
OCHS FIELD							
L.G. STEPHENSON 24- 9S28W	C-18290	OCHS	P	LKC	3906	8	28.5
OVERLOOK NORTH FIELD							
DREILING OIL 17-8S26W	C-17103	KYSAR	D	LKC	3805	80	37.0
STUDLEY FIELD							
KRM PETROLEUM 22,23- 8S26W	C-6322	PRATT	D	LKC	3740	20	39.0
*SEE ALSO GRAHAM-SHERIDAN							
STAFFORD COUNTY							
BAYER FIELD							
PHILLIPS PETROLEUM 29-21S14W	C-15826	LINCOLN A	P	SIMP	3750	14	32.0
BRENN FIELD							
STERLING DRILLING 19-23S13W	C-15211	BRENN UNIT	P	LKC	3654	8	31.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1972	U	CEDH	7	NR	1120	29940	11	NR	69.8	2309	69.8	2082		C-8906
1963	T	PROD & CEDH	1	0	69.1	5090	2	0	2.0	325	2.0	287		C-9881
1963	U	PROD	1	0	28.4	182	2	1	6.2	121	0	0		C-10188
1971	U	PROD	3	0	107	2053	2	0	4.3	556	4.3	216		C-16164
1969	U	PROD	0	0	0	995	2	0	14.4	204	14.4	142		C-15224
1976	U	PROD	1	0	44.1	497	2	0	4.6	427	2.3	12.4		C-18370
1970	U	PROD	1	0	124	795	4	0	10.7	200	8.5	85.5		C-15349
1976	U	PROD	1	0	12.2	70.4	1	0	1.2	18.9	0	0		C-18290
1969	T	PROD	1	0	36.0	891	2	0	2.1	57.6	1.0	22.8		C-17103
1958	U	PROD	1	0	21.2	2109	2	0	1.8	762	1.8	66.8		C-6322
1970	U	PROD	1	0	4.8	31.0	1	0	2.3	289	0	NR		C-15826
1969	M	PROD & FR	1	0	89.5	998	2	0	3.6	95.9	3.6	95.9		C-15211

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
STAFFORD COUNTY							
CENTERVIEW FIELD							
LADD PETROLEUM 28-24S13W	C-12237	TOLAND	P	LKC	3590	20	26.0
WHITE HAWK OIL 28-24S13W	C-11941	VAN LIEU UNIT	D	LKC	3580	12	25.0
CHASE-SILICA FIELD							
PARRISH CORPORATION 4-21S12W	C-9481	SPACIAL	D	ARB	3321	10	39.0
CRISSMAN FIELD							
ARCO 15,16-23S14W	C-13792	WELSH BEAVER UNIT	W	SIMP	3950	8	32.4
DELL EAST FIELD							
PETROLEUM INC. 5-21S13W	CPM8791	NEWCOMBE A WF	P	LKC	3442	7	30.2
WHITE HAWK OIL 8-21S13W	C-15378	REED UNIT	P	LKC	3450	10	37.0
FANSHIER FIELD							
SOUTHERN STATES OIL 16-21S13W	C-16704	HARMS	W	LKC	3319	5	33.0
SOUTHERN STATES OIL 9-21S13W	C-16314	FANSHIER	W	LKC	3318	5	32.0
GATES FIELD							
ARCO 27-21S13W	C-12284	GATES UNIT	W	LKC	3550	130	36.0
ENERGY RESERVES 32-21S13W	C-16179	CHAPMAN	W	LKC	3500	20	26.2
NADEL & GUSSMAN 25,36-21S13W	C-15785	FISCHER UNIT	W	LKC	3300	20	34.5
OKMAR OIL 36-21S13W 1,2-22S13W	C-13744	FISCHER-WEIZBROD	W	LKC	3300	5	34.0
PHILLIPS PETROLEUM 33-21S13W	C-16109	STAFFORD	W	LKC	3371	24	30.0
GLASSCOCK FIELD							
PETROLEUM INC 32-24S13W 5-25S13W	C-14551	GLASSCOCK LKC UNIT	W	LKC	3837	15	28.6
GREEN RIDGE FIELD							
R.H. SIEGFRIED 19,29-23S14W	C-15604	CADMAN UNIT	W	LKC	3600	10	32.0
GRUNDER FIELD							
TOMLINSON OIL 11-25S15W	C-17842	GRUNDER		MISS	NR	NR	NR
HAZEL WEST FIELD							
BROUGHER OIL 17-21S13W	C-18556	G. GROW	W	KC	3325	175	29.8

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1966	F	PROD & FR	0	0	0	0	3	0	2.4	404	0	0		C-12237
1965	U	PROD	1	0	18.2	285	2	0	1.6	34.0	1.6	34.0		C-11941
1962	U	PROD	1	0	89.1	1462	3	0	4.5	391	2.0	43.5		C-9481
1966	M	PROD & TER	2	0	221	3837	6	0	7.3	368	7.3	368		C-13792
1979	T	PROD	1	0	44.1	51.8	1	0	10.0	230	10.0	11.9		CPM8791
1970	U	PROD	2	0	104	191	4	0	7.8	158	7.8	158		C-15378
1972	M	PROD & FR	2	0	146	533	2	0	10.2	175	10.2	175		C-16704
1972	M	PROD & FR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	231	C-16314
1966	U	PROD	1	0	77.8	35859	5	0	9.8	2329	9.8	2329		C-12284
1971	U	PROD	0	0	0	1801	3	0	9.7	644	0	0	232	C-16179
1970	M	PROD & SHSD	3	0	245	2379	23	0	34.8	NR	7.0	NR		C-15785
1967	U	PROD & ARB	2	0	7.2	807	5	0	5.2	515	2.6	32.2		C-13744
1977	U	PROD	1	0	27.8	798	6	0	6.5	894	2.5	NR		C-16109
1968	F	QUAT	2	0	325	4415	5	0	10.5	827	10.5	334		C-14551
1970	M	PROD & FR	3	0	120	1509	5	0	5.5	103	5.5	103		C-15604
NR	N	NR	1	0	43.8	141	2	0	0.6	62.4	0.6	62.4		C-17842
NR	T	PROD	1	0	21.8	NR	2	0	2.8	NR	NR	NR		C-18556

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
STAFFORD COUNTY							
HICKMAN FIELD							
CHAPMAN EXPL 33-21S14W	C-17790	KRAMPE	W	LKC	3614	14	22.0
KAISER-FRANCIS 27-21S14W	C-10320	GATES B & PILE		LANS	3412	200	29.0
HICKMAN WEST FIELD							
TENNECO 33-21S14W	C-17848	KAMPE COOP	W	LKC	3550	16	20.0
JORDAN FIELD							
CITCO 15,16-25S14W	C-16263	JORDAN	W	LKC	3630	35	33.0
KENILWORTH FIELD							
PHILLIPS PETROLEUM 15-22S13W	C-1976	OCHEL SWD #3		ARB	3820	NR	30.0
KIPP FIELD							
EARL M. KNIGHTON 22,26,27-25S14W	C-1419	KIPP	P	LKC	3836	73	33.0
KIPP NORTHEAST FIELD							
CITCO 14,23,24-25S14W	C-14970	KIPP N.E.	W	LKC	3650	21	32.0
KNOCHE SOUTH FIELD							
PALOMINO PETROLEUM 8-24S12W	C-14623	JORDAN B	D	VIO&LKC	3871	NR	34.0
KOELSCH WEST FIELD							
NADEL & GUSSMAN 23-24S14W	C-15408	KOELSCH	W	LKC	3700	8	31.0
KOWALSKY SOUTHWEST FIELD							
OKMAR OIL 7,8-21S11W	C-17285	SCHLOCTERMEIER	W	SIM&ARB	3418	29	33.0
LEESBURG FIELD							
CONOCO 12-25S15W	C-11122	LEESBURG NO.		LAN&SIM	4070	96	33.5
MAX FIELD							
GREENWOLF OIL 1-22S12W	CR-9807	MELLIES	D	KC	3200	40	26.0
PHILLIPS PETROLEUM 34-21S12W	C-15562	SIEFKES A	D	LKC	3294	2	38.0
MCCANDLESS FIELD							
ARCO 30-25S13W	C-14032	MCCANDLESS	W	LKC	3701	5	NR

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1978	M	PROD & FR	1	0	25.6	142	1	0	3.5	106	2.1	3.6		C-17790
1963	T	PROD	2	0	230	1729	8	0	20.6	NR	20.6	NR		C-10320
1975	M	PROD & FR	2	0	25.6	178	2	0	7.1	294	3.4	3.4		C-17848
1956	M	PROD & FRSD	5	NR	632	9146	5	NR	16.9	1642	16.9	565		C-16263
1948	U	PROD	1	0	265	13281	2	0	1.9	234	0	0		C-1976
1946	U	PROD	1	0	65.5	1442	5	1	8.6	NR	7.0	NR		C-1419
1961	M	PROD&FR SD	2	0	76.7	2400	2	0	2.9	439	2.9	87.1		C-14970
1968	U	PROD	1	0	9.7	77.8	1	0	0.8	99.2	0.4	0.4		C-14623
1970	M	PROD & FR	1	0	48.5	436	2	0	0.8	NR	0.8	NR		C-15408
1974	U	PROD	1	0	24.8	196	5	0	4.7	292	0.2	1.8		C-17285
1964	F	FR	8	NR	734	11581	6	NR	11.9	915	11.9	794		C-11122
NR			NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	233	CR-9807
1970	U	PROD	1	0	0	60.9	4	2	9.3	214	7.2	NR	234	C-15562
NR		PROD	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	235	C-14032

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
STAFFORD COUNTY							
MCKITRICK FIELD							
ASPEN DRILLING 28-21S11W	C-17223	WOLF A	W	SIMP	3350	18	48.0
MOODY FIELD							
NADEL & GUSSMAN 7,8-25S14W	C-15347	MOODY UNIT	W	MISS	4200	20	35.0
MOUNTAIN VIEW FIELD							
PETROLEUM INC 29-22S13W	C-13909	WALLS A WF	W	LKC	3450	7	30.7
MUELLER FIELD							
JOE HOLMAN 18-21S12W	C-6117	WELCH	W	ARB	3570	14	36.3
KAISER-FRANCIS 12-21S13W	C-6062	BATMAN B	D	ARB	3570	NR	37.0
SOUTHERN STATES OIL 21-21S12W	CR-9782	REISER UNIT	P	ARB	3627	40	40.0
WHITE HAWK OIL 13-21S13W	C-18245	BATMAN UNIT	P	LKC	3280	10	35.0
OMLOR FIELD							
BILL WITCRAFT 10-24S12W	C-13180	OMLOR-BUSHNELL	W	KC	3556	6	32.0
OSCAR NORTH FIELD							
PALOMINO PETROLEUM 12-22S14W	C-15248	WILLIAMS	W	LKC	3553	5	30.0
OSCAR SOUTH FIELD							
PETROLEUM INC 26-22S14W	C-5948	OSCAR SOUTH	P	LKC	3456	10	32.8
OSCAR WEST FIELD							
CITCO 15,16,21,22-22S14W	C-6336	OSCAR WEST UNIT	W	LKC	3600	7	33.0
PLEASANT GROVE FIELD							
JOHN S. MARTIN 26-22S12W	C-6910	SPANGENBERG	W	KC	3550	10	32.0
PUNDSACK FIELD							
CITCO 19,20,29,30-21S13W	C-13372	PUNDSACK UNIT	W	LKC	3270	27	30.0
RADIUM TOWNSITE FIELD							
CHAPMAN EXPL 32,33-21S14W	C-16232	BANER-STROBEL	W	LKC	3569	7	36.0
ROBERT E. DAVIS 4-22S14W	C-16034	GARTUNG	P	VIO&ARB	3822	25	28.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1973	U	PROD	1	0	16.9	156	4	0	7.7	NR	7.7	381		C-17223
1970	T	PROD	1	0	43.8	1869	5	0	8.2	NR	8.2	NR		C-15347
1967	M	PROD & QUAT	1	0	88.0	654	2	0	9.0	413	9.0	172		C-13909
1958	T	PROD	2	0	100	1416	2	0	4.1	114	NR	NR		C-6117
1958	T	PROD	1	0	31.7	395	3	0	11.0	NR	0	NR		C-6062
1978	M	PROD&FR	1	0	125	166	13	0	32.8	13371	32.8	13371		CR-9782
1976	U	PROD	1	0	129	359	2	0	2.3	15.0	1.5	5.7		C-18245
1967	U	PROD	1	0	49.3	NR	2	0	5.9	37.2	5.9	37.2		C-13180
1969	F	PROD & SH	1	0	62.7	1200	3	0	3.8	508	0	0		C-15248
1957	T	PROD	1	0	0.2	41.9	1	0	1.7	137	1.7	57.5		C-5948
1958	M	PROD & FRSD	8	0	906	16980	8	0	24.3	2618	24.3	1800		C-6336
NR	T	PROD	1	0	62.0	NR	3	0	2.4	NR	2.4	NR		C-6910
1967	M	PROD & SHSD	7	0	380	6852	3	0	5.6	1122	5.6	245		C-13372
1973	T	PROD & ARB	3	0	87.2	779	5	0	25.9	1206	21.1	163		C-16232
1971	T	PROD	1	0	184	1480	3	0	5.9	NR	5.9	NR		C-16034

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
STAFFORD COUNTY							
RATTLESNAKE EAST FIELD							
PETROLEUM INC 7-24S13W	C-18179	HENDERSON	P	LKC	3743	30	32.0
PETROLEUM INC 7-24S13W	C-18379	RIXON A	P	LKC	3646	30	31.9
RATTLESNAKE SE FIELD							
WHITE HAWK OIL 13-24S24W	C-8232	MCCONNAUGHHAY UNIT	W	LKC	3700	10	28.0
RICHARDSON FIELD							
C&S WELL SERVICE 20-22S11W	C-13751	AIKEN	P	KC	3500	200	38.0
ENERGY RESERVES 30,31-22S11W	C-16654	KOMARK-HEYEN B	P	LKC	NR	NR	NR
ROTHGARN, S.E. FIELD							
WHITE HAWK OIL 14-21S13W	CR-6791	DORAN UNIT	P	LKC	3264	15	35.0
SAND HILLS FIELD							
BERGMAN OIL 36-21S12W 31-21S11W	C-12920	MELLIES	W	SIMP	3504	4	42.0
CHAPMAN EXPL 30-21S11W	C-17119	DUGGAN	W	LKC	3329	6	36.0
SANDAGO FIELD							
ENERGY RESERVES 12,13-21S12W	CR-2794	E.B. HALL A&B	W	LKC	3190	200	37.0
SAUNDRA FIELD							
SOUTHERN STATES OIL 22-21S12W	CR47710	ROSE	W	LKC	3266	6	36.0
SOUTHERN STATES OIL 15-21S12W	C-15780	CHRISTIANSEN	P	KC	3361	25	33.0
SEEVERS NORTHWEST FIELD							
LADD PETROLEUM 1-25S14W	C-13617	SANDERS UNIT	W	LKC	3664	NR	29.0
PETROLEUM INC 6-25S13W 1,12-25S14W	C-14994	SEEVERS NW LKC UNIT	W	LKC	3760	15	31.0
THORNTON E. ANDERSON 36-24S14W	C-13406	BOWKER	D	MISS	4030	20	34.0
SHAEFFER-ROTHGARN FIELD							
GEORGE A. REED 10-21S13W	CR9781	BLAKESLEE	D	LANS	3480	5	30.0
KAISER-FRANCIS 4-21S13W	C-8784	WILLCUT B	P	LANS	3270	200	38.0
PETROLEUM INC 4-21S13W	C-11894	SHAEFFER UNIT	W	CONGL	3500	7	42.2

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1976	T	PROD	1	0	18.2	67.0	1	0	1.7	87.7	0	0		C-18179
1976	T	PROD	1	0	16.8	62.0	1	0	1.1	118	0	0		C-18379
1961	U	PROD	1	0	8.1	58.2	1	0	1.7	39.8	1.7	39.8		C-8232
1960	T	PROD	1	0	2.4	NR	2	1	0.6	NR	NR	NR		C-13751
NR		NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	236	C-16654
1979	U	PROD	1	0	40.2	58.1	1	0	2.6	3.9	1.1	1.2		CR-6791
1966	T	PROD	1	0	0.2	38.6	2	1	1.6	41.8	0.2	14.0		C-12920
1973	T	PROD & ARB	1	0	28.8	219	1	0	4.4	227	2.3	17.2		C-17119
1979	U	PROD	1	0	56.6	114	6	0	8.5	17.9	NR	NR		CR-2794
1977	T	PROD	1	0	61.9	210	10	0	11.3	124	11.3	124		CR47710
1971	T	PROD	1	0	7.7	346	4	0	2.4	46.5	2.4	46.5		C-15780
1967	T	PROD	3	0	0	1515	3	0	2.9	375	0	0		C-13617
1969	F	QUAT	7	0	916	6992	11	0	17.0	1480	17.0	403		C-14994
1967	U	PROD	1	0	25.0	376	2	0	3.0	151	0.2	4.3		C-13406
1978	U	PROD	1	0	60.0	140	2	0	0.7	0.7	0.7	0		CR9781
1961	T	PROD	1	1	14.0	1000	2	0	2.1	NR	1.0	NR		C-8784
1965	M	PROD & QUAT	1	0	146	765	2	0	2.5	377	2.5	154		C-11894

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
STAFFORD COUNTY							
SHAEFFER-ROTHGARN FIELD							
TEXACO 4-21S13W	C-14211	C.D. KOOPMAN	W	CONGL	3540	11	44.5
SILVER BELL FIELD							
WOODMAN-IANNITTI 9-22S13W	C-15937	SILVER BELL P.F.	W	LKC	3530	4	31.0
SITTNER FIELD							
WOODMAN-IANNITTI 34-21S12W	CR-7785	WILLIAMSON	W	LKC	NR	NR	NR
SMALLWOOD FIELD							
WHITE HAWK OIL 2,11-22S14W	C-11857	SMALLWOOD LKC UNIT	W	LKC	3550	6	35.0
WHITE HAWK OIL 2-22S14W	C-11775	WETIG UNIT	D	LKC	3412	20	31.0
SNIDER FIELD							
F.G. HOLL ET AL 11-21S11W	C-13889	SCHAFER	D	CONGL	3350	25	48.5
ST. JOHN FIELD							
ARCO 27-24S13W	C-12286	MCNAUGHTEN B	W	LKC	3711	300	31.1
STROBEL FIELD							
THORNTON E. ANDERSON 8-22S14W	C-12323	STROBEL	P	KC	3658	6	35.0
ZENITH-PEACE CREEK FIELD							
A. SCOTT RITCHIE 22-24S11W	C-18099	RICHARDSON	P	VIOLA	3818	42	39.0
*SEE ALSO BARTON-STAFFORD							
SUMNER COUNTY							
ANSON SOUTHEAST FIELD							
PHILLIPS PETROLEUM 6,7,18-31S 1W	C-11093	ANSON EAST UNIT	P	MISS	3750	10	41.0
PHILLIPS PETROLEUM 6,7-31S 1W	C-13989	ANSON WEST UNIT	P	MISS	3750	10	41.0
ASHTON NORTHWEST FIELD							
LARIO OIL & GAS 13,14-34S 1E	C-12774	WILLIAMSON	D	MISS	3484	NR	40.0
BATES FIELD							
PHILLIPS PETROLEUM 31-30S 1W 36-30S 2W	C-13900	BATES UNIT		MISS	3750	10	41.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1969	M	PROD & FR	2	0	303	3039	2	0	4.8	140	4.8	114		C-14211
1967	T	PROD	1	0	16.0	160	1	0	3.5	NR	0	0		C-15937
1978	U	PROD	1	0	8.0	40.0	0	0	0	0	0	0		CR-7785
1957	M	PROD & FR	3	0	178	5190	2	0	2.0	194	2.0	194		C-11857
1965	U	PROD	2	0	130	982	4	0	16.1	206	16.1	156		C-11775
1967	U	PROD	1	0	1.5	NR	2	0	5.8	NR	NR	NR		C-13889
1968	M	PROD & TER	2	0	347	3572	2	0	9.5	478	9.5	478		C-12286
1965	U	PROD	1	0	75.0	628	1	0	1.3	77.6	0.4	2.7		C-12323
1975	U	PROD	2	0	108	1531	2	0	2.2	386	2.2	77.1		C-18099
1964	F	FR WELL	2	0	170	4941	8	0	20.9	1807	17.2	NR		C-11093
1968	M	PROD & FR	2	0	185	4417	7	1	27.2	1266	20.3	NR		C-13989
1966	U	PROD & ARB	1	0	NR	NR	1	0	3.1	110	1.6	9.8		C-12774
1967	U	PROD & STAL	2	0	631	8616	12	1	46.2	1139	36.4	NR		C-13900

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
SUMNER COUNTY							
CASTER FIELD							
GETTY OIL 2,3-34S 2E 34,35-33S 2E	C-15716	CASTER	D	LAYTON	2680	10	41.0
PREMIER PETROLEUM 2-24S02E	C-15825	CASTER	D	LAYTON	NR	NR	NR
CHURCHILL FIELD							
DOCKING DEVELOPMENT 25,36-31S 2E	C-13051	CHURCHILL	W	STAL	1850	NR	NR
N.R. NELSON 25-31S 2E	C-18419	NELSON	D	HOOVER	1596	6	NR
CONWAY SPRINGS FIELD							
TEXACO 5,8-31S 3W	C-12381	CONWAY SPRINGS	P	SIMP	4352	15	44.0
FALL CREEK FIELD							
TEXACO 3,4,9,10-35S 3W	C-14630	FALL CREEK UNIT	W	KC	3700	7	36.0
GUELPH FIELD							
HERDON OIL & GAS 6-35S1E	C-17006	GURLEY		SIMP	3908	19	45.0
HOLMAN FIELD							
DONALD C. SLAWSON 26,35-33S 2E	C-18062	HOLMAN UNIT	W	BARTL	3275	18	39.0
INTERCHANGE FIELD							
LARIO OIL & GAS 18,19-32S 1E	C-10738	ASHTON-LYNCH UNIT	P	SIMP	4050	NR	43.0
KLEIER FIELD							
PREMIER PETROLEUM 10-33S02E	C-16912	KLEIER	D	LAYTON	2700	30	40.0
LATTA FIELD							
OKMAR OIL 8,9-30S 2W	C-15035	LATTA COOP	W	LKC	3045	5	37.0
LATTA NORTHWEST FIELD							
CITCO 5-30S2W	C-17986	DALEY	D	LANS	3170	3	36.0
TEXACO 5-30S 2W	C-8774	MARY LOWRY	P	KC	3180	10	NR
LOVE FIELD							
CONOCO 13-32S 4W	C-15195	LOVE	P	SIMP	4378	12	NR
MCLAUGHLIN FIELD							
HUMMON 12-30S02W	CR-5802	CASTHOLM	P	LKC	3199	7	35.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1970	U	PROD	3	0	188	1508	12	0	20.5	498	9.5	9.5		C-15716
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	237	C-15825
NR	U	PROD	1	0	17.8	NR	0	0	1.0	NR	NR	NR		C-13051
1976		PROD	1	0	1.3	NR	2	1	0.7	NR	0	NR		C-18419
1967	U	PROD	3	0	410	6045	4	0	6.5	1210	0	0		C-12381
1969	U	PROD	2	0	298	3139	5	0	3.5	160	3.5	134		C-14630
1973	U	PROD	1	0	733	4989	7	0	18.6	2643	0	0		C-17006
1976	T	PROD & STAL	3	0	362	1689	4	0	7.6	560	7.6	41.1		C-18062
1964	U	PROD	1	0	270	1482	2	0	10.9	933	0	49.5		C-10738
1975	U	PROD	1	0	10.9	NR	1	0	2.2	NR	0	NR		C-16912
1969	U	PROD	2	0	178	1771	5	0	9.9	586	5.4	36.2		C-15035
1975	U	PROD	1	0	5.5	53.5	2	0	1.0	165	NR	NR	238	C-17986
1977	U	PROD	1	0	110	338	5	1	24.1	64.8	0	0		C-8774
1973	U	PROD	1	NR	35	368	1	NR	NR	NR	NR	NR		C-15195
1979	T	PROD	1	0	108	142	3	0	10.7	15.3	0.2	0.2		CR-5802

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
SUMNER COUNTY							
MURPHY FIELD							
TERRA RESOURCES 8,9,16,17-35S 2E	C-14498	VERNON NORTH UNIT	W	MISS	3392	11	41.3
WILLIAM COHEN 1-35S2E	C-17971	HORTON	P	BARTL	NR	NR	NR
OHARA FIELD							
STELBAR OIL 18-32S 1W	C-9106	O'HARA	W	KC	3250	10	35.0
PADGETT FIELD							
R.P. GUYOT 22-32S 4E	C-4601	THIESSEN	D	MISS	3491	29	40.2
STELBAR OIL 34-34S 2E	C-10688	POST	W	MISS	3450	30	40.0
STELBAR OIL 26,27,34-34S 2E	C-14030	NORRISH-SHAWVER	W	MISS	3450	30	40.0
PORTLAND FIELD							
A.L. ABERCROMBIE 16-34S 1E	C-16148	HUNT		LAYTON	3026	31	39.0
ROME FIELD							
ANADARKO PRODUCTION 7,18-33S 1E	C-18663	ROME	P	SIMP	4170	19	40.2
RUSK FIELD							
LARIO OIL & GAS 8-32S 1W	C-17898	RUSK	P	SIMP	4027	NR	38.0
RUTTER SOUTHWEST FIELD							
LARIO OIL & GAS 29-33S 2E	C-12773	KING	P	SIMP	3525	15	38.0
SEYDELL FIELD							
E. MORRIS SEYDELL 8,16,17-30S1E	C-11612	SEYDELL	W	SIMP	3800	13	40.0
MULTISTATE OIL PROP. 9-30S 1E	C-14742	STUNKEL	P	SIMP	3766	7	47.0
SLATE CREEK FIELD							
OIL PROPERTY MGT 9-30S 2E	C-18259	BRANN MARTIN	P	KC	2680	12	36.5
SLICK-CARSON FIELD							
J.A. ALLISON 24-32S 2E	C-16485	CONROD	W	BARTL	3124	13	42.0
TREKELL FIELD							
PHILLIPS PETROLEUM 18,19-31S 1W	C-11012	ANSON SOUTH UNIT	P	MISS	3750	40	41.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1961	T	PROD&STAL	4	0	440	8875	6	0	15.1	730	15.1	360		C-14498
NR	N	NR	1	0	3.0	NR	1	0	0.4	NR	0.4	NR		C-17971
1961	T	PROD	2	0	90.4	1862	4	0	5.3	278	5.3	278		C-9106
NR	U	PROD	1	0	12.8	NR	2	0	1.8	NR	0	0		C-4601
1965	U	PROD & STAL	1	0	128	1378	1	0	5.8	84.7	5.8	84.7		C-10688
1960	U	PROD	2	0	274	2418	12	0	19.6	250	19.6	250		C-14030 C-9209
1971	U	PROD	1	0	75.5	854	4	0	3.5	628	0	0		C-16148
1977	U	PROD	1	0	77.3	220	4	0	40.8	405	0	0		C-18663
1978	U	PROD	1	0	215	583	1	0	3.1	373	0	0		C-17898
1964	U	ARB	1	0	111	868	1	0	4.7	158	0.3	4.2		C-12773
1963	M	PROD & FR	3	0	469	3417	4	0	8.7	866	8.7	290	239	C-11612
1969	U	PROD	1	0	54.0	NR	1	0	2.0	NR	2.0	NR		C-14742
1976	T	PROD	1	0	7.1	49.8	1	0	1.7	8.9	1.7	8.9		C-18259
1972	T	PROD	1	0	7.3	158	1	0	2.1	106	NR	NR		C-16485
1964	T	PROD	1	0	137	4029	2	0	5.2	362	5.2	NR		C-11012

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
SUMNER COUNTY							
VOILS FIELD							
DONALD C. SLAWSON 16,17-30S 1W	C-15952	BELL B - KRAFT B	W	MISS	3500	20	46.0
WELLINGTON FIELD							
TERRA RESOURCES 20,28,29,32,33-31S 1W 4,5,6,7,8,9-32S 1W	C-3396	WELLINGTON UNIT	W	MISS	3650	20	42.7
WELLINGTON NORTHEAST FIELD							
ALADDIN PETROLEUM 23,27-31S1W	C-11040	MILLER-VOILS	W	MISS	3640	18	38.0
ZYBA SOUTHWEST FIELD							
J & L OIL 15-30S01W	C-7955	CHITWOOD-SNYDER		NR	NR	NR	NR
TREGO COUNTY							
GARNER WEST FIELD							
JOE KATZ & ASSOC. 24-11S25W	C-16437	BROWN	P	LANS	3911	22	24.0
GROFF FIELD							
EARL M. KNIGHTON 35-14S21W	C-13935	HOLTZINGER	W	CHER	3795	16	37.0
JOHN O. FARMER 35-14S21W	C-17618	GROFF COOP FLD	P	CHER	3800	5	32.0
HOLLAND FIELD							
DONALD C. SLAWSON 23-13S22W	C-17377	HOLLAND B	W	LKC	3650	5	31.0
KROEGH SOUTH FIELD							
HESS OIL COMPANY 1-14S21W	CR11804	LUEA	P	ARB	3949	20	39.0
KUTINA FIELD							
DREILING OIL 20-15S21W	C-6250	C. KUTINA	D	CHER	4340	40	34.0
MONG FIELD							
WICK'S PETR 25-11S13W	C-11229	TREGO	D	KC	3616	NR	36.6
NEWCOMER FIELD							
A.L. ABERCROMBIE 12-12S23W	C-8278	RASEK A	D	LKC	3700	35	39.0
PETROLEUM MANAGEMENT 2,11,12-12S23W	C-10092	NEWCOMER COOP-HIXSON LKC	W	LKC	3760	12	36.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1971	U	PROD & STAL	1	0	19.5	360	2	0	5.3	187	0.6	2.9		C-15952
1953	T	PROD & STAL	34	0	5472	140079	66	1	157	17835	157	9861		C-3396
1957	T	PROD	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	240	C-11040
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		C-7955
1972	U	PROD	1	0	145	1275	2	0	3.8	102	0	0		C-16437
1967	M	PROD & FR	1	0	65	NR	3	0	6.1	NR	1.5	NR		C-13935
1974	U	PROD	2	0	86.9	1018	6	0	10.8	1213	1.2	78.2		C-17618 C-10154
1974	U	PROD	1	0	35.8	218	2	0	2.8	90.7	1.5	9.0		C-17377
NR	T	PROD	0	0	0	0	3	1	7.6	7.6	0	0	241	CR11804
NR	T	PROD	1	0	420	1600	1	0	3.7	227	1.1	102		C-6250
1962	U	PROD	1	0	1.5	NR	2	0	4.3	NR	NR	NR		C-11229
1960	U	PROD	1	0	80	1254	2	0	2.8	215	0	4.5		C-8278
1960	T	PROD	1	0	86.7	4352	6	0	8.3	625	8.3	469		C-10092

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
TREGO COUNTY							
NEWCOMER FIELD							
TEXACO 1-12S23W	C-16356	NEWCOMER UNIT	W	LKC	3650	4	38.4
NICHOLSON FIELD							
CITCO 25-11S21W	C-17636	NICHOLSON LKC WF	W	LKC	3580	12	NR
OGALLAH FIELD							
GAS PRODUCING ENTR 26-12S22W	C-14633	SCHOENTHALER	D	LKC	3580	10	39.0
TEXACO 25,26,27,31,34-12S22W 35,36-12S22W 35,36-2S22W	CR-6779	OGALLAH UNIT	P	ARB	3950	24	37.0
RIDGEWAY FIELD							
TEXACO 26,27-12S21W	C-17401	E. KING	P	LAN&ARB	3893	NR	NR
TIDBALL FIELD							
ASSOCIATES OIL & GAS 12-11S25W	CR97916	TIDBALL WF	W	LKC	4000	7	NR
TIDBALL EAST FIELD							
RUPE OIL 7-11S24W	CR10771	DAVIS	P	LKC	3910	7	37.0
TRICO FIELD							
CITCO 1-11S21W	C-17094	SPAULDING B WF	W	LKC	3366	8	NR
WAKEENEY FIELD							
OKMAR OIL 15-11S23W	C-6045	KRAUS-LEMKE	W	LKC	3500	5	40.0
OKMAR OIL 13,24-11S24W	C-14181	MONG	W	LKC	3539	5	36.0
WALZ FIELD							
CONOCO 13-11S21W	C-14887	WALZ LKC	W	LKC	3400	17	33.6
*SEE ALSO GRAHAM-TREGO							
WABAUNSEE COUNTY							
ASHBURN FIELD							
MACK OIL 29-14S10E	C-13504	ASHBURN DROLL UNIT	D	VIOLA	3250	15	20.0
WILSON COUNTY							
ALTOONA FIELD							
CACHE OIL 34-28S16E	C-5729	POST-WATSON UNIT		SQUIR	950	20	NR

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1972	M	PROD & CEDH	4	0	367	3432	4	0	10.6	153	10.2	101		C-16356
1974	M	PROD & DAK	1	0	105	507	2	0	2.1	175	2.1	18.3		C-17636
1969	U	PROD & ARB	1	0	244	968	3	0	61.1	456	3.4	242		C-14533
NR	N	NR	0	0	0	0	34	0	81.6	3146	0 C-14948	0 C-14667	242	CR-6779 C-14666
1974	U	PROD	1	0	297	1211	5	4	16.5	57.5	0	0		C-17401
1979	U	PROD	1	0	102	NR	8	0	12.0	243	12.0	0		CR97916
1977	U	PROD	1	0	117	280	3	0	9.1	56.9	2.2	5.4		CR10771
1974	U	PROD	1	0	102	647	3	0	13.7	621	13.7	92.0		C-17094
1958	U	PROD	1	0	65.0	NR	2	0	1.7	628	1.7	NR		C-6045
NR	U	PROD	1	0	116	2166	2	0	4.3	79.7	0.7	80.4		C-14181
1969	U	PROD	2	NR	367	3990	5	NR	12.1	192	10.9	99.6		C-14887
1967	U	PROD	1	0	213	2835	2	0	3.0	251	3.0	251		C-13504
1960	U	PROD	1	0	1.2	NR	3	0	0.4	NR	0	NR		C-5729

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
WILSON COUNTY							
ALTOONA FIELD							
DAVIS & BELL CONST 25,36-28S16E	C-12954	FOLGER	W	SQUIR	690	10	26.0
DAVIS OIL 21-29S16E	C-7516	MULLEN	W	BARTL	780	12	36.0
DAVIS OIL CO 36-28S16E	C-12711	UMBARGER	W	SQUIR	660	12	29.0
H.L. RICHEY 8,9,16,17,20-28S17E	C-11377	WIGGANS	W	BARTL	1000	18	28.0
JONES & CAMPBELL 31-28S17E 1-29S16E	C-8983	SHORT	W	SQUIR	790	20	29.0
BENEDICT FIELD							
BENEDICT OIL 01-28S15E	C-11983	GALLON		BARTL	NR	NR	NR
BILL MACLASKEY 13,18-28S15E	C-7257	MORSE	W	BARTL	NR	NR	NR
L & L OIL 11-28S15E	C-10348	ROBERTS	P	BARTL	950	10	30.0
L & L OIL 24-28S15E	C-7467	MORTON	D	BARTL	950	16	NR
LAYTON OIL 4,9-28S15E	C-11290	MANDRSCHEID & PIERPOINT		BARTL	NR	NR	NR
TECH AM RESOURCES 14-28S15E	CR-6773	KEITH	D	BARTL	1020	20	36.0
BUFFALO-VILAS FIELD							
DIAMOND B INDUSTRIES 6-27S17E	CR-7784	RUBOW	W	CATTLE	930	20	24.0
DOUBLE K OIL 14-27S15E	C-12901	MILLIGAN-PAYNE	D	BARTL	925	20	35.0
ESTORIL PRODUCING 13,24-27S16E	C-9507	FISHER UNIT	W	BARTL	1068	10	31.0
TECH AM RESOURCES 12-28S15E	C-12177	MILLER	D	BARTL	1020	10	36.0
EAST NEODESHA FIELD							
MIDWESTERN OIL 15-30S17E	C-5298	DICKENS & SAPP		BARTL	NR	NR	NR
FREDONIA FIELD							
R.R. ABDERHALDEN 27,28,34,35-29S15E	C-8283	VAN CAMP	W	BARTL	1160	40	25.0
WYCKOFF & E. RUNYON 2-20S15E	C-18342	BAKER	D	BARTL	1000	12	33.0
NEODESHA FIELD							
ALBIAN W. BAILEY 21-30S16E	C-10231	BARNES	W	NEOD	750	12	38.0
ALBIAN W. BAILEY 13,24-30S15E 18,19-30S16E	C-10232	NEODESHA		NEOD	NR	NR	NR
ALBIAN W. BAILEY 12-30S15E 07-30S16E	C-9559	CRAWFORD UNIT II		BARNEOD	NR	NR	NR

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1966	T	PROD & BAR	2	0	7.0	136	4	0	0.8	21.0	0.8	6.6		C-12954
1964	U	OSWE	1	0	7.0	271	1	0	0.3	25.4	0.3	25.4	243	C-7516
1972	T	PROD	11	2	120	430	17	3	5.2	26.7	5.0	18.2		C-12711
NR	U	PROD	19	0	38.5	NR	34	2	13.8	NR	8.5	NR		C-11377 C-5749
NR	U	PROD & OSWE	7	0	0.1	NR	12	0	1.0	NR	1.0	NR		C-8983
NR	N	NR	1	0	2.7	NR	4	0	2.2	NR	NR	NR	244	C-11983
NR	U	PROD	0	0	0	0	4	0	1.8	NR	NR	NR		C-7257
NR	T	PROD	0	0	0	0	0	0	0	0	0	0	245	C-10348
NR	T	PROD	1	0	0.3	NR	4	1	0.4	NR	0.4	NR		C-7467
NR		NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	246	C-11290
NR	U	PROD	1	0	9.0	NR	15	4	22.0	NR	0	NR		CR-6773
1979	U	PROD	1	0	0.1	NR	4	0	0.1	NR	NR	NR	247	CR-7784
1966	U	PROD	1	0	2.2	28.5	15	4	1.8	34.2	0.3	4.1		C-12901
1976	F	PROD	5	0	93.6	268	12	0	3.8	15.2	2.5	9.9		C-9507
NR	U	PROD	1	0	0.7	NR	10	0	0.6	NR	0	NR		C-12177
NR	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	248	C-5298
1961	T	PROD&KC	6	0	657	10665	28	3	9.2	316	9.2	NR		C-8283
1976	U	PROD	1	0	9.0	NR	4	1	0.8	NR	0	NR		C-18342
1964	F	SH GRAV	0	0	0	240	6	0	1.6	6.2	0	4.6		C-10231
19N	U	PROD	0	0	0	564	3	0	0.5	33.5	0	33.5		C-10232
NR	N	NR	0	4	0	1339	4	4	0.3	NR	0	35.1		C-9559 C-12549

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
WILSON COUNTY							
NEODESHA FIELD							
ALBIAN W. BAILEY 20,21,28,29,32-30S16E 33-30S16E	C-9937	UNIT 1	W	NEOD	800	15	38.0
DAVIS OIL 20-30S16E	CR10777	HOLMBERG	P	BARTL	NR	NR	38.0
NICHOLAS SAGE 26-30S16E	C-7521	PHILLIPS PETROLEUM	W	BARTL	780	20	38.0
NICHOLAS SAGE 16-30S16E	C-18060	CRAM	W	BARTL	780	20	36.0
NICOLAS SAGE 26-30S16E	C-18097	DICKENS	W	BARTL	800	15	35.0
WOODSON COUNTY							
BATESVILLE FIELD							
MARION MYERS 29-25S14E	C-10770	CORKERY	W	BARTL	1400	20	40.0
VICTOR LETS DRILLING 9,10,15,16-25S14E	C-18388	BERRY-STEBEY	P	SQUIR	NR	NR	NR
BIG SANDY FIELD							
MACK C. COLT 14,22,23-26S14E	C-6103	BIG SANDY	W	BARTL	1300	35	21.0
MARK HAAS 13-26S14E	C-5587	STEINFORTH	P	BARTL	1250	6	28.0
DURAND FIELD							
DUNIGAN OPERATING 6-25S16E	C-14889	EARL DAVIDSON	W	SQUIR	965	10	21.0
N & B ENTERPRISES 7-25S16E	C-15067	DURAND FLOOD	W	SQUIR	990	9	24.0
STUBBS & FLEMING 8-25S16E	CR-3781	FULHAGE	D	SQUIR	950	10	23.0
HUMBOLDT-CHANUTE FIELD							
FLOYD DOTSON ESTATE 20,21,27,28-25S17E	C-9075	MOON-PRIBBERNOW	W	SQUIR	800	10	27.0
LAYTON OIL 16,17,18,19,21-26S17E 29,30,31-26S17E	C-8990	ROSE UNIT	R	SQUIR	NR	NR	NR
NEOSHO FALLS-LEROY FIELD							
CHRIESTENSON OIL 34-23S17E	CR-5771	MENTZER	P	MISS	1190	10	35.4
LANCE E. BALLARD 3-24S17E	CR-5782	NELSON		MISS	1200	6	34.0
LEEDY-BEAMAN OIL 25-23S16E	C-13220	LEEDY-ENTZ	P	SQUIR	925	12	26.0
RAYMOND BELL OIL 30-23S17E	C-12579	RUSSELL GEORGE	P	SQUIR	890	12	26.0
RAYMOND BELL OIL 5-24S17E	C-14914	MCADAMS	D	SQUIR	860	10	26.0
OWL CREEK FIELD							
GERALD KEYS 21-25S17E	CR12791	PRIBBERNOW		SQUIR	825	5	26.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1961	M	PROD & FR	69	0	460	12963	70	0	11.1	516	11.1	516		C-9937
1965	T	PROD	2	0	7.0	63.0	2	0	0.6	26.0	0.6	26.0		CR10777
1962	U	SW S	3	0	12	855	8	0	0.6	94.3	0.4	94.0		C-7521
1976	U	PROD	1	0	4.0	29	7	0	0.6	17.0	0.3	2.9		C-18060
1976	U	PROD	2	0	6.0	32.1	8	0	7.3	12.8	0.5	12.6	249	C-18097
1973	U	PROD	2	0	110	NR	7	1	10.9	NR	3.6	NR		C-10770
NR	U	PROD	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	250	C-18388
1957	T	PROD & CH	8	1	181	2359	47	0	36.3	649	36.3	649		C-6103
1950	U	PROD	1	0	54.7	NR	3	0	1.3	NR	1.3	NR		C-5587
1969	T	PROD & KC	1	0	10.6	244	3	0	1.8	41.3	1.8	41.3		C-14889
1970	U	PROD	3	0	14.4	NR	3	0	1.8	NR	NR	NR		C-15067
1977	U	PROD	1	0	9.0	29.0	24	3	11.2	163	0	0		CR-3781
NR	U	PROD & KC	39	0	180	NR	99	3	12.0	NR	12.0	NR		C-9075
NR		NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	251	C-8990 C-3345
1977	U	PROD	1	0	9.1	NR	8	0	2.5	NR	NR	NR		CR-5771
1978	T	PROD	2	0	9.1	NR	15	5	6.2	NR	0	0		CR-5782
1967	U	PROD & KC	2	0	1.8	NR	21	3	5.8	NR	0	0		C-13220
1966	U	PROD	1	0	1.1	NR	11	3	2.6	NR	0	NR		C-12579
1969	U	PROD	1	0	1.1	NR	10	3	3.4	NR	0	NR		C-14914
1980	U	PROD&KC	2	0	1.8	NR	10	2	0.6	NR	0	0		CR12791

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
WOODSON COUNTY							
OWL CREEK FIELD							
LANCE E. BALLARD 15-25S16E	CR-5785	CROUCH	R	SQUIR	900	6	22.0
N & B ENTERPRISES 8-25S16E	C-15500	TOEDMAN	W	SQUIR	965	10	23.0
TEC DRILLING 16,17,20,21-25S16E	C-15417	OWL CREEK	W	SQUIR	911	12	24.0
PIQUA FIELD							
ALCO DRILLING 15,22-24S17E	CR-2784	SPECHT	D	MISS	1200	10	31.0
QUINCY FIELD							
BIRD & HANLEY 19,20,28,29-25S14E 24-25S13E	C-10634	BATESVILLE	W	BARTL	1425	40	40.0
G & W OIL PROD 34-25S14E	CR-4786	HASSENPFLUG	D	BARTL	1486	7	33.0
ROSE EAST FIELD							
BARNEY KLIPPEL 12,13-26S14E	C-8779	EAST ROSE UNIT	P	SQUIR	1075	15	27.5
SILVER CITY FIELD							
STEINFORTH & SAUBERS 20,29-26S15E	C-11604	SILVER CITY UNIT B	W	BARTL	1400	20	28.0
STEINFORTH & SAUBERS 15-26S15E	C-12198	SILVER CITY UNIT A	W	BARTL	1400	20	28.0
TICHENOR FIELD							
MCK DRILLING 19-23S16E	C-13137	DEARINGER B	W	SQUIR	1050	9	25.0
VERNON FIELD							
BILL MACLASKEY 22,27-23S16E	C-8951	ROSS	P	SQUIR	NR	NR	NR
JAMES E. RUSSELL 1,12-24S16E	C-12706	SOUTH VERNON	W	SQUIR	1000	20	26.0
JAMES E. RUSSELL 35-23S16E 2-24S16E	C-6887	ALJO FLOOD	W	SQUIR	1000	22	26.0
K & L OIL 34-23S16E 3-24S16E	C-13074	ROBERTS-KESKE	D	SQUIR	1080	20	25.0
KANALTA RESOURCES 13-24S15E	C-18572	WESTON ET AL	W	SQUIR	1090	14	23.0
KANALTA RESOURCES 34-23S16E	C-10670	STURLONG	W	SQUIR	1100	14	23.0
L.C. BODEMANN JR 16,17-24S17E	C-17126	WINGRAVE	W	SQUIR	1015	20	25.0
L.C. BODEMANN JR 18-24S16E	CR97710	VIRGINIA ALEXANDER	W	SQUIR	1110	20	21.6
LONG TYE OIL 29,33-23S16E	C-12385	GLADES-FULLER	W	SQUIR	1039	15	24.0
ORVILLE W. HESTING 4-24S16E	CR10773	R. C. ROBERTS	D	SQUIR	1000	8	24.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1979	U	PROD	1	0	1.8	NR	5	0	0.5	NR	0	NR		CR-5785
1976	U	PROD	1	0	0.7	NR	4	0	3.6	NR	NR	NR		C-15500
1975	T	PROD&LKC	10	0	99.4	384	26	4	22.4	263	14.1	80.2		C-15417
1978	U	PROD	2	0	18.2	42.6	6	1	2.9	10.2	0	0		CR-2784
1942	T	PROD	17	4	1110	33515	50	18	91.9	5343	91.9	5343		C-10634 C-10584 C-10585
1978	U	PROD	1	0	0.8	1.6	1	0	0.4	0.9	0	NR	252	CR-4786
1967		NONE	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		C-8779
1967	U	PROD	1	0	5.0	222	3	0	0.5	27.8	0.5	27.8		C-11604
1965	U	PROD	1	0	5.5	700	7	0	1.4	32.3	1.4	32.3		C-12198
1974	T	PROD	2	0	1	1	8	0	1	1	0	0		C-13137
NR	U	PROD	1	0	36.5	NR	4	0	2.2	NR	NR	NR		C-8951
1966	T	KC	4	0	14.2	524	21	0	6.5	83.3	6.5	9.4		C-12706
1963	T	KC	50	11	154	4779	60	2	16.6	762	15.3	29.5		C-6887
1968	U	PROD & KC	5	0	200	NR	7	0	2.0	NR	NR	NR	253	C-13074
1976	U	PROD & KC	8	0	NR	NR	20	7	13.3	NR	9.1	NR		C-18572
1965	T	PROD & KC	8	1	NR	NR	17	0	4.1	NR	NR	NR		C-10670 C-10663
1973	U	PROD&KC	1	0	17.5	116	10	0	2.3	76.0	2.3	15.7		C-17126
1977	U	PROD & KC	1	0	3.2	9.1	8	0	1.1	82.2	0	0		CR97710
1966	U	PROD & KC	7	0	142	NR	38	3	24.8	NR	4.0	NR		C-12385
1977	U	PROD	1	2	0.3	NR	6	2	2.0	NR	NR	NR		CR10773

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
WOODSON COUNTY							
VERNON FIELD							
RAY LUEKING 15-24S16E	CR-3773	LUEKING	P	SQUIR	1000	10	25.0
ROBISON BROTHERS 29-23S16E	CR27810	ROBISON	W	SQUIR	NR	NR	NR
TAP OIL 5-24S16E	C-14285	VERNON PROJECT	W	SQUIR	1180	35	22.0
TAP OIL 9,16-24S16E	CR-3787	GLADES	W	SQUIR	1015	12	25.0
VIRGIL FIELD							
FRENCH OIL 29-23S14E	C-5662	HEADLEY	P	MISS	1700	6	37.0
FRENCH OIL 24-24S13E	C-12189	KNOX	P	MISS	1600	4	33.0
FRENCH OIL 21-23S14E	C-6222	QUARTET	P	MISS	1700	6	36.0
FRENCH OIL 24-24S13E	C-12149	RHEA	P	MISS	1650	6	33.0
FRENCH OIL 29,32-23S14E	C-3902	W. P. HEADLEY	P	MISS	1700	6	37.0
FRENCH OIL 24-23S13E	C-8459	FLOYD JONES	P	MISS	1700	3	36.0
FRENCH OIL 32-23S14E	C-416	DEWEY	P	MISS	1600	6	37.0
FRENCH OIL 35-23S14E	C-7898	ARNOLD	P	MISS	1700	5	36.0
FRENCH OIL 20-23S14E	C-5646	SOUTH PEEK	P	MISS	1700	6	37.0
FRENCH OIL 31-23S14E	C-1056	MACLASKEY	P	MISS	1600	6	36.0
FRENCH-WINTERSCHIED 7-24S14E	C-1055	ESTES	P	MISS	1700	6	36.0
FRENCH-WINTERSCHIED 30-23S14E	C-6088	W. JONES	P	MISS	1700	6	37.0
FRENCH-WINTERSCHIED 6-24S14E	C-3892	WINTERSCHIED		MISS	1700	5	36.0
FRENCH-WINTERSCHIED 21-23S14E	C-5645	EMMA OTTO	P	MISS	1700	14	36.0
FRENCH-WINTERSCHIED 18-24S14E	C-6021	KIMBELL	P	DOUG	1700	6	35.0
FRENCH-WINTERSCHIED 7-24S14E	C-3893	SMITH-JOBE	P	MISS	1700	6	36.0
SUNSHINE ENERGY 16,17,20,21,28-10S23W	C-8745	BAHR	W	LKC	3050	20	30.8
WINTERSCHIED FIELD							
ARCO 29,30-23S14E	C-7103	WINTERSCHIED WFP	W	MISS	1700	20	39.0
BERTHA MACLASKEY 34-23S14E	CR-4788	SCOTT	P	MISS	1722	NR	36.0
DAMSON OIL 33,34-23S14E	C-6143	EMERY PROJECT	W	MISS	1680	20	35.0
FRENCH-WINTERSCHIED 21-23S14E	C-16395	E. OTTO B	P	MISS	1685	5	36.0
FRENCH-WINTERSCHIED 28-23S14E	C-16396	EBY(FIGGE)	P	MISS	1685	7	36.0
FRENCH-WINTERSCHIED 7,21-24S13E	C-6001	DYE, JAMES	P	MISS	NR	NR	NR

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1976	U	PROD	1	0	3.0	14.0	29	2	0.5	3.0	0.5	3.0	254	CR-3773
1978	U	PROD	1	0	0.7	NR	5	1	1.0	NR	NR	NR		CR27810
1969	T	PROD & KC	4	0	29.2	NR	19	1	5.0	NR	5.0	NR		C-14285
1978	T	PROD	1	0	1.8	15.9	16	1	12.8	48.6	NR	NR		CR-3787
1955	T	PROD	1	0	12.0	416	6	0	4.8	NR	1.9	54.6		C-5662
1965	T	PROD	1	0	8.0	114	4	0	2.9	NR	0.7	25.1		C-12189
1955	T	PROD	1	0	4.0	52.0	2	0	3.1	NR	1.2	34.1		C-6222
1963	T	PROD	1	0	18.0	314	6	0	2.1	NR	0.3	26.6		C-12149
1955	T	PROD	1	0	35.0	1255	11	0	9.2	NR	3.2	85.4		C-3902
NR	T	PROD	1	0	38.0	1294	5	0	2.5	NR	0.5	24.9		C-8459
1956	T	PROD	1	0	24.0	412	7	0	9.5	NR	2.4	88.2		C-416
1960	T	PROD	1	0	15.0	445	4	0	1.0	NR	0.3	21.6		C-7898
1956	T	PROD	1	0	30.0	1120	8	0	6.9	NR	2.1	112		C-5646
1955	T	PROD	1	0	10.0	190	4	0	2.0	NR	0.5	20.1		C-1056
1950	T	PROD											255	C-1055
NR	T	PROD	1	0	32.5	1153	4	0	1.6	NR	0.8	52.0		C-6088
1950	T	PROD	1	0	25.0	925	6	0	2.3	NR	1.2	64.5		C-3892
NR	T	PROD	1	0	14.0	417	2	0	0.3	NR	0.3	20.9		C-5645
NR	T	PROD	1	0	20.0	220	3	0	1.7	NR	0.9	10.5		C-6021
NR	U	PROD	1	0	28.5	1021	5	0	1.2	NR	0.9	71.9		C-3893
1961	U	PROD	6	0	1305	28588	21	0	91.4	4605	91.4	2147		C-8745
1960	U	PROD & DOUG	16	0	1015	22012	27	0	19.7	937	19.7	937		C-7103
1969	U	PROD	1	0	3.7	40.1	2	0	0.9	13.0	0	NR		CR-4788
1961	U	PROD & ARB	4	0	349	6699	19	0	6.3	NR	NR	NR		C-6143
1960	T	PROD	NR	NR	2.0	18.0	NR	NR	2.0	NR	0.8	12.3		C-16395
NR		PROD	1	0	5.0	45	16	0	11.9	NR	4.8	45.1		C-16396
NR	T	PROD	NR	NR	NR	NR	NR	NR	3.6	27.4	NR	NR		C-6001

OPERATOR / LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE NAME	DEPTH	THK	GRAV
WOODSON COUNTY							
WINTERSCHIED FIELD							
GRIGGS OIL 23-23S13E	C-17607	BAHR	D	VIOLA	2200	10	34.0
GULF 29-23S14E	C-12212	MACLASKEY	W	MISS	1670	20	39.0
HAAS DRILLING 35,36-23S14E 2-24S14E	C-6177	COLT UNIT	P	MISS	1600	5	35.0
HAAS DRILLING 22-23S14E	C-6251	FUNK UNIT	P	MISS	1650	5	38.0
HAAS DRILLING 27-23S14E	C-18582	FIGGE	P	MISS	1600	5	36.0
HOUSTON OKLAHOMA OIL 13-24S13E	C-13162	RHEA	W	MISS	1649	10	36.0
HOUSTON OKLAHOMA OIL 18-24S14E	C-13109	KIMBELL		MISS	1684	10	33.5
KRAFT OIL 6-24S15E	C-13070	WEIDE	W	MISS	1550	20	36.0
KRAFT OIL 31-23S15E	C-13047	WEIDE	W	MISS	1550	14	39.0
KRAFT OIL 24-23S14E	C-11700	RICK A & OWENS	W	MISS	1600	20	38.0
KRAFT OIL 34-23S14E	C-14365	FIGGE		MISS	1650	20	38.0
UNION OF CAL 32,33-23S14E	C-10251	W.P. HEADLEY	W	MISS	1700	20	38.5
WELLS OIL 5-24S14E	C-4218	STEVENSON	D	MISS	1695	6	35.0
WISSMAN FIELD							
HAAS DRILLING 2,3-24S15E	C-8422	SWITZER UNIT	P	MISS	1500	4	29.0
YATES CENTER FIELD							
BIRD & HANLEY 27-25S15E	C-1474	YATES CENTER	W	MISS	1500	5	32.0
DAMSON OIL 21,22-25S15E	C-11592	LAUBER UNIT	W	MISS	1480	15	38.0
LAIDLAW & GALEMORE 34,35-25S15E	CR-2803	LAIDLAW	W	MISS	1420	10	36.0
MARK HAAS 21-25S16E	C-729	WALLACE LANDES	P	MISS	1500	5	31.0

INJECTION DATA							PRODUCTION DATA							PROJECT
FIRST YR	TYP WTR	SOURCE	WELLS TOT	WELLS NEW	VOL INJ MB OR (MMCF) 1980	VOL INJ MB OR (MMCF) CUM	WELLS TOT	WELLS NEW	PROD VOL MB OR(MMCF) 1980	PROD VOL MB OR(MMCF) CUM	ENHANC PROD MB OR(MMCF) 1980	ENHANC PROD MB OR(MMCF) CUM	NOTES	NO
1975	U	PROD	1	0	150	753	10	0	9.6	380	2.5	87.7		C-17607
1944	U	PROD	3	0	325	4408	12	0	7.7	969	7.7	969		C-12212
1970	U	PROD	1	3	43.8	NR	10	3	1.5	NR	NR	NR		C-1054 C-6177
1970	U	PROD	1	3	18.2	NR	6	3	2.9	NR	NR	NR		C-6251
1980	U	PROD	1	0	21.9	NR	1	NR	0.4	NR	NR	NR		C-18582
NR	U	PROD	0	0	NR	0	6	0	2.1	NR	NR	NR	256	C-13162
NR	U	PROD	0	0	0	NR	4	0	1.7	NR	NR	NR	257	C-13109
1967	U	PROD	1	0	117	340	4	0	1.6	9.7	0.5	3.2		C-13070
1965	T	PROD	1	0	63.9	765	4	0	1.8	13.4	0.7	5.1		C-13047
1965	U	PROD	1	0	29.2	157	4	0	0.9	6.1	0.3	2.2		C-11700
NR	U	PROD	1	0	0	1807	5	0	2.2	21.6	0	3.4		C-14365
1963	T	PROD & ARB	1	0	72.7	10866	17	0	11.5	414	11.5	414		C-10251
1954	U	PROD	1	0	9.0	NR	5	0	1.9	NR	NR	NR		C-4218
1970	U	PROD	1	1	34.6	NR	3	2	1.1	NR	NR	NR		C-8422
1946	T	PROD	3	0	280	3709	5	0	7.4	364	7.4	364		C-1474
1968	T	PROD & ARB	3	0	199	NR	9	0	5.8	NR	NR	NR		C-11592
1981	U	PROD	0	0	0	0	5	2	0.7	0.7	0	0		CR-2803
1950	U	PROD	1	0	54.7	NR	2	0	1.0	NR	1.0	NR		C-729

NOTES

1 PROJECT NOT INITIATED

2 PROJECT ABANDONED

3 PROJECT INACTIVE

4 PROJECT NOT INITIATED

5 PROJECT NOT INITIATED

6 PROJECT NOT INITIATED

7 PROJECT CANCELLED

8 PREVIOUSLY OPERATED BY ROY WILLIS

9 PREVICUSLY OPERATED BY LORAINE CLEAVER

10 PREVIOUSLY OPERATED BY ALCO DRLG

11 PREVICUSLY OPERATED BY ALCC DRLG

12 PROJECT INACTIVE

13 PREVICUSLY OPERATED BY C.K. OIL

14 PROJECT CANCELLED

15 PREVIOUSLY OPERATED BY H & G PULLING

16 PROJECT ABANDONED

17 PROJECT INACTIVE

18 PROJECT NOT INITIATED

19 PROJECT INACTIVE

20 PROJECT INACTIVE

21 PROJECT CANCELLED

22 PROJECT ABANDONED

23 PROJECT ABANDONED

24 PROJECT INACTIVE

25 PROJECT INACTIVE

26 PROJECT CANCELLED

27 PROJECT INACTIVE

28 PROJECT ABANDONED

29 PREVIOUSLY OPERATED BY BEEDLES PRODUCTION

30 PREVIOUSLY OPERATED BY HANK MARTELL OIL

31 PREVIOUSLY OPERATED BY HANK MARTELL OIL

32 PROJECT INACTIVE

33 PROJECT ABANDONED

34 PROJECT INACTIVE

35 PREVIOUSLY OPERATED BY BRADEN PRODUCTION
35 PROJECT INACTIVE

36 PROJECT ABANDONED

NOTES

37 PROJECT INACTIVE

38 PROJECT ABANDONED

39 PREVIOUSLY OPERATED BY MISCO INDUSTRIES INC

40 PREVIOUSLY OPERATED BY B&B OIL PRODUCERS

41 PREVIOUSLY OPERATED BY DIANNE MCCARTHY OIL

42 PREVIOUSLY OPERATED BY BERT I. LEBOW

43 PREVIOUSLY OPERATED BY LEBEN OIL

44 PROJECT INACTIVE

45 PREVIOUSLY OPERATED BY LAVERNA ANN OIL

46 PREVIOUSLY OPERATED BY WILLIAM J. LEWIS

47 PROJECT CANCELLED

48 PREVIOUSLY OPERATED BY JACK YOUNG

49 PREVIOUSLY OPERATED BY DORIC PET

50 PREVIOUSLY OPERATED BY DORIC PET

51 PREVIOUSLY OPERATED BY DORIC PET

52 PREVIOUSLY OPERATED BY DORIC PET

53 PREVIOUSLY OPERATED BY DORIC PET

54 PREVIOUSLY OPERATED BY H.E. BOOTS

55 PREVIOUSLY OPERATED BY NUNNELEY & POWELL OI

56 PREVIOUSLY OPERATED BY H.E. BOOTS

57 PREVIOUSLY OPERATED BY A.E. BOOTS

58 PREVIOUSLY OPERATED BY NUNNELEY & POWELL

59 PREVIOUSLY OPERATED BY NUNNELLEY & POWELL

60 PREVIOUSLY OPERATED BY NUNNELEY & POWELL

61 PROJECT NOT INITIATED

62 PREVIOUSLY OPERATED BY B&S OIL CO.

63 PREVIOUSLY OPERATED BY LANCER OIL ENTR

64 PROJECT INACTIVE

65 PREVIOUSLY OPERATED BY DAWSON-MARKWELL EXPL

66 PROJECT INACTIVE

67 PREVIOUSLY OPERATED BY JAMES R CRAIG

68 PROJECT NOT INITIATED

69 PREVIOUSLY OPERATED BY TRAVERSE CORP.

70 PROJECT CANCELLED

71 PREVIOUSLY OPERATED BY ROBINSON OIL

72 PROJECT INACTIVE

NOTES

73	PROJECT CANCELLED
74	PREVIOUSLY OPERATED BY BMG INC
75	PROJECT NOT INITIATED
76	PREVICUSLY OPERATED BY MALLONEE-MAHONEY
77	PROJECT INACTIVE
78	PROJECT CANCELLED
79	PROJECT NOT INITIATED
80	PREVIOUSLY OPERATED BY D OIL OPERATING
80	PROJECT INACTIVE
81	PROJECT NOT INITIATED
82	PROJECT INACTIVE
83	PROJECT NOT INITIATED
84	PROJECT INACTIVE
85	PREVIOUSLY OPERATED BY WILLIE E. SCHULTZ
86	PREVIOUSLY OPERATED BY GODSEY-EARLOUGHER
87	PROJECT INACTIVE
88	PREVIOUSLY OPERATED BY GODSEY-EARLOUGHER
89	PROJECT CANCELLED
90	PROJECT NOT INITIATED
91	PROJECT INACTIVE
92	PROJECT INACTIVE
93	PROJECT INACTIVE
94	PREVIOUSLY OPERATED BY HENDON OIL
95	PROJECT INACTIVE
96	PROJECT INACTIVE
97	PROJECT NOT INITIATED
98	PROJECT INACTIVE
99	PROJECT ABANDONED
100	PROJECT INACTIVE
101	PROJECT ABANDONED
102	PROJECT ABANDONED
103	PREVIOUSLY OPERATED BY OKLAHOMA FRACTURING
104	PREVIOUSLY OPERATED BY WILLIE E. SCHULTZ
105	PREVIOUSLY OPERATED BY WILLIE E. SCHULTZ
106	PROJECT INACTIVE
107	PROJECT INACTIVE
108	PREVIOUSLY OPERATED BY JACKMAN & JACKMAN

NOTES

109 PROJECT ABANDONED

110 PROJECT NOT INITIATED

111 PREVIOUSLY OPERATED BY HANK MARTELL OIL

112 PREVIOUSLY OPERATED BY THOMPSON WELL SERV

113 PREVIOUSLY OPERATED BY THOMPSON WELL SERV

114 PREVIOUSLY OPERATED BY HANK MARTELL OIL

115 PROJECT NOT INITIATED

116 PROJECT CANCELLED

117 PROJECT CANCELLED

118 PROJECT INACTIVE

119 PROJECT INACTIVE

120 PROJECT CANCELLED

121 PREVIOUSLY OPERATED BY LONG TYE OIL

122 PROJECT INACTIVE

123 PREVIOUSLY OPERATED BY SEVENTY NINE CO.

124 PREVIOUSLY OPERATED BY SEVENTY NINE CO.

125 PREVIOUSLY OPERATED BY SEVENTY NINE CO.

126 PREVIOUSLY OPERATED BY SEVENTY NINE CO.

127 PREVIOUSLY OPERATED BY SEVENTY NINE CO.

128 PREVIOUSLY OPERATED BY SUN OIL
128 PROJECT INACTIVE

129 PROJECT INACTIVE

130 PROJECT NOT INITIATED

131 PROJECT INACTIVE

132 PREVIOUSLY OPERATED BY MISCO UNITED SUPPLY

133 PREVIOUSLY OPERATED BY GERALD BURRIS

134 PREVIOUSLY OPERATED BY HASTERT OIL

135 PREVIOUSLY OPERATED BY CHARLES HARDESTY
135 PROJECT INACTIVE

136 PREVIOUSLY OPERATED BY ULYSES OIL

137 PREVIOUSLY OPERATED BY CHARLES T. OGDEN

138 PREVIOUSLY OPERATED BY AM PETROFINA TEXAS
138 PROJECT ABANDONED

139 PROJECT INACTIVE

140 PROJECT INACTIVE

141 PROJECT ABANDONED

142 PROJECT INACTIVE

143 PREVIOUSLY OPERATED BY PETROLEUM PRODUUCTIO

144 PREVIOUSLY OPERATED BY CAROLINA-ILLINOIS VE

NOTES

145 PROJECT INACTIVE

146 PREVIOUSLY OPERATED BY QUINN OIL

147 PREVICUSLY OPERATED BY QUINN OIL

148 PROJECT INACTIVE

149 PREVIOUSLY OPERATED BY MARVIN STROBEL
149 PROJECT INACTIVE

150 PROJECT CANCELLED

151 PREVIOUSLY OPERATED BY FORD MCCULLOM
151 PROJECT INACTIVE

152 PREVICUSLY OPERATED BY WYCKOFF & E. RUNYON

153 PREVIOUSLY OPERATED BY BMG INC

154 PREVIOUSLY OPERATED BY JUBILEE OIL PRODUCER

155 PROJECT ABANDONED

156 PREVICUSLY OPERATED BY WYCKOFF & E. RUNYON

157 PREVIOUSLY OPERATED BY D.C. MARCHANT

158 PREVICUSLY OPERATED BY BMG INC

159 PREVIOUSLY OPERATED BY H.E. BOOTS

160 PREVIOUSLY OPERATED BY BRADEN PRODUCTION
160 PROJECT CANCELLED

161 PREVIOUSLY OPERATED BY H.E. BOOTS

162 PROJECT NOT INITIATED

163 PREVIOUSLY OPERATED BY LYNN MUSE

164 PROJECT INACTIVE

165 PROJECT INACTIVE

166 PROJECT NOT INITIATED

167 PREVIOUSLY OPERATED BY H & H OIL

168 PREVICUSLY OPERATED BY H. E. BOOTS

169 PREVIOUSLY OPERATED BY NUNNELEY & POWELL

170 PREVICUSLY OPERATED BY H. E. BOOTS

171 PREVIOUSLY OPERATED BY NUNNELEY & POWELL

172 PROJECT NOT INITIATED

173 PROJECT NOT INITIATED

174 PROJECT NOT INITIATED

175 PROJECT NOT INITIATED

176 PREVIOUSLY OPERATED BY R.A.S. OIL

177 PREVIOUSLY OPERATED BY R.A.S. OIL

178 PREVICUSLY OPERATED BY BUD WAGNER

179 PREVIOUSLY OPERATED BY H&W INC

180 PREVIOUSLY OPERATED BY ANDCO OIL

NOTES

181 PROJECT INACTIVE

182 PREVIOUSLY OPERATED BY ANDCO OIL

183 PROJECT ABANDONED

184 PREVIOUSLY OPERATED BY GRASSROOTS PETR

185 PREVIOUSLY OPERATED BY COMPRESSOR SYSTEM OF

186 PREVIOUSLY OPERATED BY FRED TAYLOR

187 PREVIOUSLY OPERATED BY MIDWESTERN OIL

188 PREVIOUSLY OPERATED BY MIDWESTERN OIL CO

189 PROJECT NOT INITIATED

190 PROJECT CANCELLED

191 PREVIOUSLY OPERATED BY VENUS OIL

192 PROJECT INACTIVE

193 PROJECT ABANDONED

194 PROJECT ABANDONED

195 PREVIOUSLY OPERATED BY ISERN-SCHULTZ OIL

196 PROJECT CANCELLED

197 PREVIOUSLY OPERATED BY JET WELL SERVICE

198 PREVIOUSLY OPERATED BY R.B. OIL

199 PROJECT CANCELLED

200 PROJECT INACTIVE

201 PROJECT ABANDONED

202 PROJECT INACTIVE

203 PROJECT INACTIVE

204 PROJECT NOT INITIATED

205 PREVIOUSLY OPERATED BY THOMASON OIL

206 PROJECT INACTIVE

207 PROJECT NOT INITIATED

208 PROJECT NOT INITIATED

209 PROJECT INACTIVE

210 PREVIOUSLY OPERATED BY CORIE OIL

211 PROJECT INACTIVE

212 PROJECT NOT INITIATED

213 PROJECT INACTIVE

214 PROJECT ABANDONED

215 PREVIOUSLY OPERATED BY R. P. NIXON OPERATIO

216 PREVIOUSLY OPERATED BY A B OIL CO.

NOTES

217 PROJECT ABANDONED

218 PROJECT CANCELLED

219 PROJECT CANCELLED

220 PROJECT NOT INITIATED

221 PROJECT ABANDONED

222 PREVIOUSLY OPERATED BY EARL ALLEN

223 PROJECT ABANDONED

224 PREVIOUSLY OPERATED BY ARVADA OIL

225 PROJECT INACTIVE

226 PROJECT INACTIVE

227 PROJECT INACTIVE

228 PROJECT ABANDONED

229 PREVIOUSLY OPERATED BY NUNNELEY & POWELL OI
229 PROJECT NOT INITIATED

230 PREVIOUSLY OPERATED BY JERRY BOUSE

231 PROJECT INACTIVE

232 PROJECT INACTIVE

233 PROJECT NOT INITIATED

234 PROJECT CANCELLED

235 PROJECT NOT INITIATED

236 PROJECT INACTIVE

237 PROJECT ABANDONED

238 PREVIOUSLY OPERATED BY DUNNE-GARDNER

239 PREVIOUSLY OPERATED BY MORRIS E. SEYDELL

240 PROJECT INACTIVE

241 PROJECT NOT INITIATED

242 PROJECT NOT INITIATED

243 PREVIOUSLY OPERATED BY NICHOLAS SAGE

244 PREVIOUSLY OPERATED BY JAMES J. CHEEVER

245 PROJECT INACTIVE

246 PROJECT NOT INITIATED

247 PREVIOUSLY OPERATED BY BRANDES OIL

248 PROJECT ABANDONED

249 PREVIOUSLY OPERATED BY HOPE OIL INVEST

250 PREVIOUSLY OPERATED BY CLIFF VAN RICKLEY
250 PROJECT CANCELLED

251 PROJECT NOT INITIATED

252 PREVIOUSLY OPERATED BY BOUSE OIL

NOTES

253 PREVIOUSLY OPERATED BY LORAINE CLEAVER

254 PREVIOUSLY OPERATED BY KERE CALL

255 PROJECT INACTIVE

256 PROJECT INACTIVE

257 PROJECT INACTIVE

TABLE 2 1980 COUNTY SUMMARY OF ENHANCED OIL RECOVERY PROJECTS IN KANSAS

COUNTY	TOTAL OIL* PROD FROM PROJECT AREA MBBL	OIL RECOVERED BY ENHANCED METHODS MBBL	FLUID INJECTED MBBL	ACTIVE WELLS PRODUCTION	ACTIVE WELLS INJECTION	NUMBER OF PROJECTS
ALLEN	494.0	311.6	5218.8	1444	906	57
ALLEN-ANDERSON	8.8	8.8	4.0	42	6	1
ALLEN-BOURBON	0.6	0.	0.	16	0	1
ALLEN-NEOSHO	5.1	5.1	96.8	65	7	2
ANDERSON	224.4	168.5	1646.2	984	771	20
BARBER	279.8	148.7	4179.0	82	34	15
BARTON	5098.9	256.4	9034.8	306	121	98
BARTON-RICE	25.1	25.1	548.0	8	8	1
BARTON-STAFFORD	12.4	6.3	167.6	10	3	2
BOURBON	67.4	38.6	1193.2	183	112	10
BUTLER	8509.6	679.8	35051.2	749	305	127
BUTLER-COWLEY	26.2	26.2	297.8	14	4	2
CHASE	23.9	18.0	503.8	9	3	3
CHASE-LYON	10.9	3.6	21.6	9	2	1
CHAUTAUQUA	286.7	192.6	3302.6	640	170	67
CHAUTAUQUA-COWLEY	13.1	13.1	91.3	4	2	1
CHAUTAUQUA-ELK	2.0	2.0	117.0	9	3	1
CHEYENNE	8.7	0.	15.0	5	1	1
CLARK	21.5	21.5	417.0	5	1	1
COFFEY	86.9	28.9	599.3	145	30	23
COFFEY-WOODSON	10.8	10.8	28.8	28	7	1
COMANCHE	159.8	6.8	30.0	11	5	2
COWLEY	608.1	313.9	12871.4	403	162	87
CRAWFORD	19.4	7.5	423.3	278	141	12
DECATUR	226.7	175.6	3416.3	77	34	14
DOUGLAS	6.0	4.5	97.7	22	10	4
DOUGLAS-FRANKLIN	43.0	43.0	283.0	37	29	1
EDWARDS	1.5	1.5	7.0	1	1	1
ELK	83.1	48.7	3733.1	115	37	23
ELLIS	2752.2	293.8	15599.3	288	81	76
ELLIS-ROOKS	41.2	41.2	1459.0	21	10	1
ELLSWORTH	182.3	33.4	1262.9	78	21	11
FINNEY	451.4	16.5	1812.0	90	14	5
FRANKLIN	116.3	57.5	593.7	365	116	19

TABLE 2 1980 COUNTY SUMMARY OF ENHANCED OIL RECOVERY PROJECTS IN KANSAS

COUNTY	TOTAL OIL* PROD FROM PROJECT AREA MBBL	OIL RE-COVERED BY ENHANCED METHODS MBBL	FLUID INJECTED MBBL	ACTIVE WELLS PRODUC-TION	ACTIVE WELLS INJEC-TION	NUMBER OF PROJECTS
GOVE	42.5	5.5	419.9	21	9	8
GRAHAM	1291.3	374.8	10132.3	267	116	58
GRAHAM-ROOKS	16.9	10.6	166.0	9	3	1
GRAHAM-SHERIDAN	26.8	17.2	86.0	5	1	1
GRAHAM-TREGO	5.8	5.8	425.0	6	2	1
GREENWOOD	762.0	422.3	15823.5	976	304	158
GREENWOOD-WOODSON	3.4	0.	18.3	4	1	1
HARPER	21.2	14.4	847.0	8	5	2
HARVEY	137.3	76.7	5094.8	95	32	6
HARVEY-MC PHERSON	23.3	0.	0.	12	0	2
HASKELL	9.4	0.	57.9	2	1	1
HODGEMAN	137.9	52.0	2359.9	45	15	13
JACKSON	0.	0.	0.	0	0	1
JOHNSON	15.3	5.0	76.3	49	10	4
KEARNY	17.0	0.	3.2	4	1	1
KINGMAN	171.8	69.5	2661.1	41	19	10
KINGMAN-SEDGWICK	9.7	0.	0.	9	0	1
KIOWA	20.3	0.	55.0	12	1	2
KINGMAN-PRATT	17.2	17.2	948.0	12	6	1
LABETTE	14.9	3.8	188.7	53	11	7
LABETTE-MONTGOMERY	0.8	0.	0.	9	11	1
LANE	81.4	1.6	196.4	17	3	3
LINN	48.5	17.6	1010.1	273	194	10
LINN-MIAMI	0.6	0.	4.9	39	16	1
LYON	13.7	2.1	228.2	20	9	8
MARION	17.1	5.4	360.4	17	5	6
MC PHERSON	371.2	236.6	14203.0	279	107	64
MEADE	34.8	31.1	799.4	10	10	3
MIAMI	128.2	35.1	334.3	605	152	32
MONTGOMERY	194.4	93.0	2279.5	617	244	68
MORRIS	8.8	4.0	1170.0	3	3	2
MORTON	1283.6	1219.9	10747.7	89	43	10
NEOSHO	185.6	92.6	1776.2	748	373	45
NESS	200.3	64.2	2357.6	80	20	19

TABLE 2 1980 COUNTY SUMMARY OF ENHANCED OIL RECOVERY PROJECTS IN KANSAS

COUNTY	TOTAL OIL* PROD FROM PROJECT AREA MBBL	OIL RECOVERED BY ENHANCED METHODS MBBL	FLUID INJECTED MBBL	ACTIVE WELLS PRODUCTION	ACTIVE WELLS INJECTION	NUMBER OF PROJECTS
NORTON	43.3	13.4	79.0	15	2	3
OSAGE	1.4	0.	91.2	0	1	1
OSBORNE	119.0	0.	800.0	8	2	1
PAWNEE	53.2	64.2	1038.8	32	18	15
PHILLIPS	443.1	380.3	5672.1	180	94	24
POTTAWATOMIE	0.	0.	0.	0	0	2
PRATT	110.0	77.0	4062.2	68	36	18
RAWLINS	213.7	176.8	4206.9	63	39	11
RENO	146.6	114.2	7088.2	59	27	16
RENO-RICE	5.1	5.1	84.5	8	2	1
RICE	432.1	181.1	9273.7	290	99	58
ROOKS	663.8	464.5	23101.5	368	164	67
RUSH	17.0	2.3	159.8	14	5	4
RUSSELL	1923.6	1214.6	42729.0	936	379	173
SALINE	34.4	27.3	1843.4	40	13	9
SCOTT	26.5	5.6	202.0	6	2	3
SEDGWICK	183.2	166.5	6348.1	118	63	15
SEWARD	98.2	70.4	986.5	12	6	4
SEWARD-STEVENS	37.8	37.8	1484.0	3	4	1
SHERIDAN	117.1	104.1	1562.0	30	17	10
STAFFORD	484.0	355.9	8556.7	249	121	74
SUMNER	496.7	323.4	11306.4	194	86	38
TREGO	275.0	70.5	2802.9	98	23	20
WABAUNSEE	3.0	3.0	213.0	2	1	1
WILSON	86.8	40.9	1437.4	279	136	27
WOODSON	563.9	371.1	6841.2	905	257	80

*SOME OPERATORS REPORTED TOTAL BUT DID NOT SHOW VOLUME ATTRIBUTABLE TO ENHANCED RECOVERY.

MBBL MEANS 1000 BARRELS

ENHANCED RECOVERY INCLUDES ALL METHODS OF PRODUCTION EXCEPT PRIMARY.

TABLE 3 1980 STATE TOTALS OF ENHANCED OIL RECOVERY PROJECTS IN KANSAS.

TOTAL OIL* PROD FROM PROJECT AREA MBBL	OIL RECOVERED BY ENHANCED METHODS MBBL	FLUID INJECTED MBBL	ACTIVE WELLS PRODUCTION	ACTIVE WELLS INJTION	NUMBER OF PROJECTS
31799.3	10157.5	320923.6	14956	6481	1918

*SOME OPERATORS REPORTED TOTAL BUT DID NOT SHOW VOLUME ATTRIBUTABLE TO ENHANCED RECOVERY.

MBBL MEANS 1000 BARRELS

ENHANCED RECOVERY INCLUDES ALL METHODS OF PRODUCTION EXCEPT PRIMARY.

TABLE 4. PROJECTS REPORTED INACTIVE DURING 1980

PROJECT NUMBER	FIELD	OPERATOR	PROJECT UNIT NAME
ALLEN COUNTY			
CR-8804	ELSMORE	DFW PETROLEUM	D.R. NELSON
ANDERSON COUNTY			
C-10327	COLONY WEST	JAMES E. RUSSELL PET	CHAS M. HILL
BARTON COUNTY			
C-5560	HOISINGTON	ALADDIN PETROLEUM	SODERSTRON
C-18613	SCHENK	ENERGY RESERVES	SCHENK WF
C-15841	BOYD	ENERGY RESERVES	FRIEB
C-8335	HAMMEKE WEST	NADEL & GUSSMAN	HAMMEKE
C-4418	PRAIRIE VIEW	TEXACO	SCHARTZ B
BOURBON COUNTY			
C-14355	BRONSON-XENIA	T.E. BIRD	COLLINS UNIT
BUTLER COUNTY			
C-11895	ELBING	ALADDIN PETROLEUM	FURMAN
C-7084	EL DORADO	R.R. ABDERHALDEN	JACKSON "C" W.F.
C-17238	EL DORADO	STELBAR OIL	CAMERON
C-15896	EL DORADO	WHITE & ELLIS DRLG	HOUSTON
CHASE COUNTY			
C-18257	ATYEO-PIXLEE	AZTEC OIL	SNYDER
COFFEY COUNTY			
C-18200	NEOSHO FALLS-LEROY	MARVIN E. BOYER OIL	LEROY UNIT
COWLEY COUNTY			
C-7357	GIBSON	ALADDIN PETROLEUM	BAIRD & DENNAN
ELK COUNTY			
C-11877	PRESTON	CRIGER OIL	ELLIOTT

TABLE 4. PROJECTS REPORTED INACTIVE DURING 1980

PROJECT NUMBER	FIELD	OPERATOR	PROJECT UNIT NAME
ELLIS COUNTY			
C-15311	DREILING	D OIL OPERATIONS	DREILING
C-15955	RUDER	GENE BROWN	RUDER C
CR-6772	WHEATLAND	NCRA	LEIKER
C-9849	TOULON	OKMAR OIL	BRUNGARDT
C-15294	BEMIS SHUTTS	SOHIO NAT RESOURCES	BEMIS I
FRANKLIN COUNTY			
CR-3788	PAOLA-RANTOUL	RANTOUL ENERGY	JUDSON A
C-697	PAOLA-RANTOUL	RANTOUL ENERGY	JACKMAN
C-713	PAOLA-RANTOUL	RANTOUL ENERGY	ROSEBERRY
GRAHAM COUNTY			
C-13960	JACKSON BRANCH	BEREN	H. H. STEWART
C-9536	LAW SOUTHEAST	B-J OIL	S. E. LAW UNIT
C-10578	IRONCLAD	COLLINS & COLLINS	IRONCLAD UNIT
C-15310	KOHART	R & E NICKELSON	MOORE-KURTZ
GREENWOOD COUNTY			
C-749	BURKETT	F. GAINES & TOWN & C	BURKETT
C-818	BURKETT	F. GAINES & TOWN & C	BURKETT UNIT F
C-13251	VIRGIL	HOUSTON OKLAHOMA OIL	FLEMING
C-9884	VIRGIL	HOUSTON OKLAHOMA OIL	SULLIVAN
C-8069	VIRGIL NORTH	HOUSTON OKLAHOMA OIL	BERRY
C-7811	WINTERSCHIED	HOUSTON OKLAHOMA OIL	MENNONITE
C-5838	VIRGIL NORTHEAST	SUNSHINE ENERGY	SHADEL
KINGMAN COUNTY			
C-15840	SPIVEY-GRABS-BASIL	TENNECO	KINERT-GILCHRIST UT
LINN COUNTY			
C-18581	CENTERVILLE	RANTOUL ENERGY	HILL
MC PHERSON COUNTY			
C-7365	GEOROB	GAS PRODUCING ENTR	ROBINSON

TABLE 4. PROJECTS REPORTED INACTIVE DURING 1980

PROJECT NUMBER	FIELD	OPERATOR	PROJECT UNIT NAME
C-6179	MCPHERSON	RIERSON-JOHNSON	ROLANDER
MEADE COUNTY			
C-6354	ADAMS RANCH	WHITAKER ENTERPRISES	A.W. ADAMS D
MIAMI COUNTY			
CR-3774	PAOLA-RANTOUL	JACK ROWLETT	GEIGER
C-3132	PAOLA-RANTOUL	RANTOUL ENERGY	ABC
C-12704	PAOLA-RANTOUL	RICHARD MOHERMAN	KEPPLE
C-9128	PAOLA-RANTOUL	TOWN OIL	EMIL J MILLER
MONTGOMERY COUNTY			
C-17885	WAYSIDE-HAVANA	HORTON AND MCKEE OIL	KELLEMBERAER
C-15264	WAYSIDE-HAVANA	HORTON AND MCKEE OIL	BERRY
NEOSHO COUNTY			
C-4501	HUMBOLDT-CHANUTE	CACHE OIL	BLUME
PRATT COUNTY			
C-7970	IUKA-CARMI	BM&N OIL	HONEMAN
RICE COUNTY			
C-14265	PONCE	CLAMUR DRILLING CO.	PONCE
C-10813	RINO	NCRA	RINO PM
C-15792	CHASE-SILICA	SOUTHERN STATES OIL	MERRILL J. BEHNKE
ROOKS COUNTY			
C-9412	TRICO	B-J OIL	TRIBLE
C-16626	MARCOTTE	ENERGY RESERVES	L.H. HALL
RUSSELL COUNTY			
C-13201	HALL-GURNEY	PETROLEUM MANAGEMENT	BOXBERGER
CR-1179	DRISCOLL	R & H OIL & GAS	DRISCOLL
C-12252	TRAPP	SHELL	EHRLICH-HOFFMAN

TABLE 4. PROJECTS REPORTED INACTIVE DURING 1980

PROJECT NUMBER	FIELD	OPERATOR	PROJECT UNIT NAME
C-3771	HALL-GURNEY	TEXACO	C.W. SHAFFER
C-6472	FAIRPORT	TEXACO	JACOBS
STAFFORD COUNTY			
C-16654	RICHARDSON	ENERGY RESERVES	KOMARK-HEYEN B
C-16179	GATES	ENERGY RESERVES	CHAPMAN
C-16314	FANSHIER	SOUTHERN STATES OIL	FANSHIER
SUMNER COUNTY			
C-11040	WELLINGTON NORTHEAST	ALADDIN PETROLEUM	MILLER-VOILS
WILSON COUNTY			
C-10348	BENEDICT	L & L OIL	ROBERTS
WOODSON COUNTY			
C-1055	VIRGIL	FRENCH-WINTERSCHIED	ESTES
C-13109	WINTERSCHIED	HOUSTON OKLAHOMA OIL	KIMBELL
C-13162	WINTERSCHIED	HOUSTON OKLAHOMA OIL	RHEA

TABLE 5. PROJECTS REPORTED ABANDONED DURING 1980

PROJECT NUMBER	FIELD	OPERATOR	PROJECT UNIT NAME
ALLEN COUNTY			
CR-4808	DAVIS-BRONSON	REESE EXPLORATION	SAAT HOFF
BARTON COUNTY			
C-13853	LANTERMAN	LARIO OIL & GAS	REHME
C-13092	BEND	STEPCO OIL	WELSH
C-15196	KRAFT-PRUSA	TENNECO	JOHN RIEMANN "B"
BUTLER COUNTY			
C-11212	AUGUSTA	F. GAINES & TOWN & C	HOOPES
C-2903	FOX-BUSH-COUCH	JAMES H. WEBSTER	NORTH FOX BUSH
C-7355	EL DORADO	SOUTHERN STATES OIL	COOK
C-4077	EL DORADO	WRIGHT OIL	WILSON A
GRAHAM COUNTY			
C-13221	LAW	DON E. PRATT	C.F. GRIFFITH
C-14679	MILDREXETER	DON E. PRATT	CASEY JONES UNIT
C-6240	PENOKEE	GRIGGS OIL	LYON-NICHOLSON
GREENWOOD COUNTY			
C-3185	HAMILTON	LELAND DREYER	H.D. BROS
MARION COUNTY			
C-17154	ELBING NORTH	MIDWEST SUPPLY	DEFORREST E
MC PHERSON COUNTY			
C-7076	RITZ-CANTON	RAY PERERA	C.A. SOMERS DRUM
MONTGOMERY COUNTY			
C-4666	JEFFERSON-SYCAMORE	BRADEN PRODUCTION	CIRCLE BASIN
NEOSHO COUNTY			
C-14681	HUMBOLDT-CHANUTE	LAYTON OIL	EARLTON

TABLE 5. PROJECTS REPORTED ABANDONED DURING 1980

PROJECT NUMBER	FIELD	OPERATOR	PROJECT UNIT NAME
PRATT COUNTY			
CR-6775	MCBRIDE	TEXAS ENERGIES	MCBRIDE
RENO COUNTY			
C-14675	BURRTON	TGT PETR CORP	STRAWN
RICE COUNTY			
C-12492	CRAWFORD	D&P OIL	BRINCKERHOFF
RUSSELL COUNTY			
C-13775	GORHAM	AM PETROFINA TEXAS	BOXBERGER
C-6968	HALL-GURNEY	AM PETROFINA TEXAS	TARKIO UNIT
C-4550	HALL-GURNEY	JAYHAWK WELL SERV	MICHEL C
C-17046	HALL-GURNEY	K & P OIL	DRISCOLL A
SALINE COUNTY			
C-6631	SMOLAN	RAY PERERA	OSTENBERG
SUMNER COUNTY			
C-15825	CASTER	PREMIER PETROLEUM	CASTER
WILSON COUNTY			
C-5298	EAST NEODESHA	MIDWESTERN OIL	DICKENS & SAPP

TABLE 6. APPROVED PROJECTS NOT INITIATED DURING 1980

PROJECT NUMBER	FIELD	OPERATOR	PROJECT UNIT NAME
ALLEN COUNTY			
CR-5775	HUMBOLDT-CHANUTE	KLOTZ & EVANS	LEITZBACH
CR-1803	CARLYLE	NORTH SLOPE PROPERTI	MCINTRE
C-3617	HUMBOLDT-CHANUTE	RANCH OIL & GAS	HOEPKER, KROUSE
C-10579	HUMBOLDT-CHANUTE	RANCH OIL & GAS	TOWNSEND
BARTON COUNTY			
CR10804	BOYD	OIL PROPERTY MGT	RIEDEL
COFFEY COUNTY			
CR-8802	CRANDALL	JERRY J. RANES	SUTHERLAND
CRAWFORD COUNTY			
CR-7792	MC CUNE	RALPH H. BAUMAN	BENNETT UNIT
ELK COUNTY			
CR-2807	WEBB	TOMLINSON OIL CO.	WEBB 5A
ELLIS COUNTY			
C-17684	REED	EARL TOM PYLE	STAAB
C-18522	BLUE HILL	OKMAR OIL	SMITH-OSWALD COOP
C-14553	SCHOENCHAN	OKMAR OIL	WOLF
FINNEY COUNTY			
C-18492	STEWART	BEREN	HAAG-MACKEY
GRAHAM COUNTY			
C-18437	KNOLL NORTH	KOCH EXPLORATION	KNOLL, NORTH LKC
GREENWOOD COUNTY			
C-2008	MADISON	CITCO	MADISON BLOCK
C-9162	THRALL-AAGARD	F. GAINES & TOWN & C	GREENWOOD
HODGEMAN COUNTY			
CR11801	EAKIN NORTHWEST	MACK OIL	SIEVERLING

TABLE 6. APPROVED PROJECTS NOT INITIATED DURING 1980

PROJECT NUMBER	FIELD	OPERATOR	PROJECT UNIT NAME
MONTGOMERY COUNTY			
CR-9805	TYRO	L & B OIL	FIELDS
C-10442	WAYSIDE-HAVANA	LAYTON OIL	BERNICE HECHT
MORTON COUNTY			
C-13442	INTERSTATE	ANADARKO PRODUCTION	WEBSTER C
CR-6804	GREENWOOD GAS AREA	EDWIN L. & BERRY R.	N. W. FLATS UNIT
NEOSHO COUNTY			
CR-5804	ERIE	BRANDES OIL	VAN SICKLE
C-10473	BENEDICT	LAYTON OIL	EMPLOYERS REINSURANCE
PAWNEE COUNTY			
C-17291	GARFIELD	CHAPMAN EXPL	SHOEMAKE
ROOKS COUNTY			
C-16976	BARRY	CONOCO	BARRY
C-15992	MARCOTTE	NADEL & GUSSMAN	GISH
CR-5776	MINNIE O	OKMAR OIL	FLEGG
RUSSELL COUNTY			
C-12992	HALL-GURNEY	GULF	ABRAHAM HEARD
C-17612	FAIRPORT	SOHIO NAT RESOURCES	SUTTON COOP WF
SCOTT COUNTY			
CR10772	BROOKOVER	OKMAR OIL	BOYER
STAFFORD COUNTY			
C-14032	MCCANDLESS	ARCO	MCCANDLESS
CR-9807	MAX	GREENWOLF OIL	MELLIES
TREGO COUNTY			
CR11804	KROEGH SOUTH	HESS OIL COMPANY	LUEA

TABLE 6. APPROVED PROJECTS NOT INITIATED DURING 1980

PROJECT NUMBER	FIELD	OPERATOR	PROJECT UNIT NAME
CR-6779	OGALLAH	TEXACO	OGALLAH UNIT
WILSON COUNTY			
C-11290	BENEDICT	LAYTON OIL	MANDRSCHEID & PIERPOINT
WOODSON COUNTY			
C-8990	HUMBOLDT-CHANUTE	LAYTON OIL	ROSE UNIT

TABLE 7. PROJECTS REPORTED CANCELLED DURING 1980

PROJECT NUMBER	FIELD	OPERATOR	PROJECT UNIT NAME
ALLEN COUNTY			
C-5716	HUMBOLDT-CHANUTE	ROY WILLIS	YOUNT
ANDERSON COUNTY			
CR-8795	GARNETT SHOESTRING	PAUL W. SCHUSTER	POSS
BARTON COUNTY			
C-13046	KIMPLER	ICER ADDIS	KIMPLER WF
C-18247	TRAPP	THORNTON E. ANDERSON	PUTNAM
CHAUTAUGUA COUNTY			
C-18612	HOLROYD	SOUTHERN STATES OIL	HOLROYD
ELK COUNTY			
CR-2786	WALKER	PATTESON-SHEEL	WALKER
C-10390	MOLINE	W. G. BUMGARNER	EYMAN
ELLIS COUNTY			
C-8552	BEMIS-SHUTTS	TRUMART OIL	OPDYKE "A"
ELLSWORTH COUNTY			
CR97912	WILKINS	GULF	M. MEHL
GREENWOOD COUNTY			
C-1035	THRALL-AAGARD	JOHN NORDMEYER & W S	LEWIS UNIT
C-2664	VIRGIL	JOHNSON OIL	JOHNSON
C-1035	THRALL-AAGARD	WILLIAM W. SOULE	ANDERSON-OLSON
MIAMI COUNTY			
C-18294	PAOLA-RANTOUL	SCIMITAR RESOURCES	PHILLIPS PETROLEUM
MONTGOMERY COUNTY			
C-4990	SORGUM HOLLOW	TEMPLE OIL	FOWLER

TABLE 7. PROJECTS REPORTED CANCELLED DURING 1980

PROJECT NUMBER	FIELD	OPERATOR	PROJECT UNIT NAME
PAWNEE COUNTY			
C-12708	GARFIELD	M.L. BROWN	GARFIELD UNIT
RICE COUNTY			
C-7360	CHASE-SILICA	GETTY OIL	KNOP A
CR-8785	CHASE-SILICA	SCOTT T. LUTZ	PROFFITT
RUSSELL COUNTY			
C-2969	HALL-GURNEY	ARVADA OIL	HICKEY
C-8010	HALL-GURNEY	ARVADA OIL	GURNEY
STAFFORD COUNTY			
C-15562	MAX	PHILLIPS PETROLEUM	SIEFKES A
WOODSON COUNTY			
C-18388	BATESVILLE	VICTOR LETS DRILLING	BERRY-STEBEY