[redacted]

CASE No.

5087

Application,

Transcripts,

Small Exhibits

ETC.

OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO
P. O. BOX 2088 - SANTA FE
87501

I. R. TRUJILLO
CHAIRMAN

LAND COMMISSIONER
ALEX J. ARMIJO
MEMBER

STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR

November 21, 1973

Re: CASE NO. 5087
ORDER NO. R-4680
Applicant:
Skelly Oil Company

Mr. Chester E. Blodget
Skelly Oil Company
Post Office Box 1650
Tulsa, Oklahoma 74102

Dear Sir:

Enclosed herewith are two copies of the above-referenced Commission order recently entered in the subject case.

Very truly yours,

A. L. Porter, Jr.

A. L. PORTER, Jr.
Secretary-Director

ALP/ir

Copy of order also sent to:

Hobbs OCC x
Artesia OCC
Aztec OCC

Other Mr. D. E. Gray, State Engineer Office

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE NO. 5087
Order No. R-4680

APPLICATION OF SKELLY OIL COMPANY
FOR A WATERFLOOD PROJECT, LEA
COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on October 31, 1973, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 20th day of November, 1973, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Skelly Oil Company, seeks authority to institute a waterflood project in the Myers Langlie-Mattix Unit Area, Langlie-Mattix Pool, Lea County, New Mexico, by the injection of water into the Lower Seven Rivers and Queen formations through 84 injection wells as shown on Attachment "A" to this order.

(3) That the wells in the project area are in an advanced state of depletion and should properly be classified as "stripper" wells.

(4) That the proposed waterflood project should result in the recovery of otherwise unrecoverable oil, thereby preventing waste.

(5) That the operator should take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface from injection, production, or plugged and abandoned wells.

(6) That the subject application should be approved and the project should be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.

IT IS THEREFORE ORDERED:

(1) That the applicant, Skelly Oil Company, is hereby authorized to institute a waterflood project in the Myers Langlie-Mattix Unit Area, Langlie-Mattix Pool, Lea County, New Mexico, by the injection of water into the Lower Seven Rivers and Queen formations through 84 injection wells as described on Attachment "A" to this order.

(2) That prior to initial injection of water into any of said injection wells, the operator shall obtain the approval of supervisor of the Commission's Hobbs district office as to the casing and cementing of said well.

(3) That injection into each of said wells shall be through cement-lined tubing, set in a packer which shall be located within 50 feet of the casing shoe or uppermost perforation through which water is to be injected; that the casing-tubing annulus of each singly completed injection well shall be loaded with an inert fluid and equipped with an approved pressure gauge or attention-attracting leak detection device.

(4) That the operator shall immediately notify the supervisor of the Commission's Hobbs district office of the failure of the tubing or packer in any of said injection wells, the leakage of water or oil from around any producing well, or the leakage of water or oil from any plugged and abandoned well within the project area and shall take such timely steps as may be necessary or required to correct such failure or leakage.

(5) That the subject waterflood project is hereby designated the Skelly Myers Langlie Mattix Unit Waterflood Project and shall be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.

(6) That monthly progress reports of the waterflood project herein authorized shall be submitted to the Commission in accordance with Rules 704 and 1120 of the Commission Rules and Regulations.

IT IS FURTHER ORDERED:

(1) That any of the aforesaid injection wells which has previously been approved as a Jalmat-Langlie Mattix dual completion producer is hereby approved for continued production from the Jalmat Pool and injection into the Langlie Mattix Pool.

(2) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

I. R. TRUJILLO, Chairman

ALEX J. ARMIJO, Member

A. L. PORTER, Jr., Member & Secretary

S E A L

dr/

ATTACHMENT "A"

WATER INJECTION WELLS

MYERS LANGLIE MATTIX UNIT AREA

Lea County, New Mexico

Tract Number	Unit Well No.	Unit Letter	Section	Former Operator	Former Lease Name and Well No.
			TOWNSHIP 23 SOUTH, RANGE 36 EAST, NMPM		
44	10	A	25	Reserve	Carter No. 1
1	34	K	25	Flag Redfern	Lynn B-25 No. 3
1	35	M	25	Flag Redfern	Lynn B-25 No. 4
2	37	O	25	Conoco	Lynn B-25 No. 4
30	63	A	36	Amerada	St. LMT No. 5
30	65	C	36	Amerada	St. LMT No. 7
30	69	G	36	Amerada	St. LMT No. 3
33	99	I	36	Gulf	Holt B No. 1
32	103	O	36	Skelly	Mexico D No. 2
			TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM		
16	47	M	28	Conoco	Stewart 28 No. 1
3	3	C	29	Gulf	La Monyon No. 18
3	17	E	29	Gulf	La Munyon No. 2
3	19	G	29	Gulf	La Munyon No. 15
17	24	I	29	Conoco	Stewart 29 No. 2
22	26	K	29	Texas Pacific	Blinebry A No. 4
19	43	M	29	Texas Pacific	Blinebry No. 1
17	45	O	29	Conoco	Stewart 29 No. 1
21	7	C	30	Texas Pacific	Blinebry A No. 10
20	13	E	30	Texas Pacific	Blinebry A No. 11
47	28	I	30	Gackle	Cowden No. 2
46	39	M	30	Gackle	Cowden B No. 2
49	71	E	31	Gackle	Cowden C No. 2
49	73	G	31	Gackle	Cowden C No. 5
14	95	I	31	Texaco	Blinebry A No. 2
15	97	K	31	Texaco	Blinebry B No. 3
15	105	M	31	Texaco	Blinebry B No. 2
15	107	O	31	Texaco	Blinebry B No. 4
34	55	A	32	Great Western	Leonard B No. 5
34	57	C	32	Great Western	Leonard B No. 3
38	91	I	32	Amerada	State LMA No. 2
36	109	M	32	Texaco	State B-4 No. 1
50	53	C	33	Resler-Sheldon	Fanning B No. 5
50	79	E	33	Resler-Sheldon	Fanning No. 1
52	89	K	33	Byrom	Davis No. 2
53	113	M	33	Byrom	Davis B No. 1
56	115	O	33	Johnson-French	Davis No. 1
23	50	D	34	Texas Pacific	Blinebry B No. 8
24	86	L	34	Texas Pacific	Blinebry B No. 4

WHITE,
KOCH, KELLY
&
McCARTHY

October 1, 1973

Case 5087

New Mexico State Oil Conservation Commission
State Land Office
Santa Fe, New Mexico 87501

Re: Application of Skelly Oil for Approval of Unit Agreement for the Myers Langlie-Mattix Unit in the Langlie-Mattix Pool, Lea County, New Mexico, and;

Application of Skelly Oil for Order Authorizing the Injection of Fluid for Secondary Recovery Purposes into the Langlie-Mattix Pool on the Myers Langlie-Mattix Unit, Lea County, New Mexico

Gentlemen:

I have enclosed an original entry of appearance in both of the above captioned matters on behalf of Skelly Oil Company.

Sincerely,

L. C. WHITE

LCW:m
enclosures as indicated

L.C. White
Sumner S. Koch
William Booker Kelly
John F. McCarthy, Jr.
Kenneth Bateman
Benjamin Phillips
Ronald M. Friedman

Attorneys and Counselors at Law

220 Otero St., P.O. Box 787, (505)982-4374, Santa Fe, N.M. 87501 — P.O. Drawer E, (505)758-4338, Taos, N.M. 87571

BEFORE THE NEW MEXICO
OIL CONSERVATION COMMISSION

APPLICATION OF SKELLY OIL COMPANY
FOR APPROVAL OF UNIT AGREEMENT FOR
THE MYERS LANGLIE-MATTIX UNIT, IN
THE LANGLIE-MATTIX POOL, LEA COUNTY,
NEW MEXICO

No. 5087

ENTRY OF APPEARANCE

Comes now L. C. White, of White, Koch, Kelly & McCarthy, P. O. Box 787, Santa Fe, New Mexico, and herewith enters their appearance as local counsel for and on behalf of the applicant Skelly Oil Company in the above entitled matter.

WHITE, KOCH, KELLY & McCARTHY

By _____
Attorneys for Skelly Oil Company

Docket No. 31-73

DOCKET: EXAMINER HEARING - WEDNESDAY - OCTOBER 31, 1973

9 A.M. - OIL CONSERVATION COMMISSION CONFERENCE ROOM,
STATE LAND OFFICE BUILDING - SANTA FE, NEW MEXICO

The following cases will be heard before Richard L. Stamets, Examiner, or Daniel S. Nutter, Alternate Examiner:

CASE 5076: (Continued from the October 17, 1973, Examiner Hearing)

Application of David Fasken for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to drill a well at an unorthodox location 1980 feet from the North line and 660 feet from the West line of Section 7, Township 18 South, Range 26 East, West Atoka-Morrow Gas Pool, Eddy County, New Mexico, the N/2 of said Section 7 to be dedicated to the well.

CASE 5086: Application of Skelly Oil Company for a unit agreement, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the Myers Langlie-Mattix Unit Area comprising 9924 acres, more or less, of Federal, State, and Fee lands in Townships 23 and 24 South, Ranges 36 and 37 East, Lea County, New Mexico.

CASE 5087: Application of Skelly Oil Company for a waterflood project, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a waterflood project in its Myers Langlie-Mattix Unit Area, Langlie-Mattix Pool, Lea County, New Mexico, by the injection of water into the Queen formation through 84 injection wells in said unit area.

CASE 5088: Application of Amini Oil Company for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests from the surface of the ground down to and including the Pennsylvanian formation underlying the S/2 of Section 32, Township 20 South, Range 33 East, South Salt Lake-Morrow Gas Pool, Lea County, New Mexico, to be dedicated to a well to be drilled at a standard location in Unit N of said Section 32. Also to be considered will be the cost of drilling and completing said well and the allocation of such costs, as well as actual operating costs and charges for supervision. Also to be considered is the designation of applicant as operator of the well and a charge for risk involved in drilling said well.

CASE 5089: (This case will be dismissed)

Application of Coquina Oil Corporation for an unorthodox oil well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to drill its proposed Cities Service State Well No. 3, at an unorthodox location 1325 feet from the South line and 660 feet from the East line of Section 27, Township 14 South, Range 34 East, High Plains-Pennsylvanian Pool, Lea County, New Mexico.

CASE 5090: Application of Atlantic Richfield Company for lease commingling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Commission Rule 309-A to permit the commingling of unitized and non-unitized production within applicant's Seven Rivers-Queen Unit Area, Langlie-Mattix Pool, Lea County, New Mexico.

CASE 5091: Application of Superior Oil Company for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests underlying the E/2 of Section 2, Township 18 South, Range 25 East, West Atoka-Morrow Gas Pool, Eddy County, New Mexico, to be dedicated to a well presently being drilled at a point 2080 feet from the South line and 660 feet from the East line of said Section 2. Also to be considered will be the cost of drilling and completing said well and the allocation of such costs, as well as actual operating costs and charges for supervision. Also to be considered is the designation of applicant as operator of the well and a charge for risk involved in drilling said well.

CASE 5092: Application of Gulf Oil Corporation for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests from the base of the Wolfcamp formation to the base of the Morrow formation underlying the E/2 of Section 9, Township 16 South, Range 35 East, Townsend-Morrow Gas Pool, Lea County, New Mexico, to be dedicated to its Hulda Townsend Well No. 2 located in Unit I of said Section 9. Also to be considered will be the present value of said well and the cost of deepening and completing same and the allocation of such values and costs, as well as actual operating costs and charges for supervision. Also to be considered is the designation of applicant as operator of the well and a charge for risk involved in deepening said well.

CASE 5093: Application of Morris R. Antweil for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests underlying the N/2 of Section 17, Township 22 South, Range 27 East, South Carlsbad Field, Eddy County, New Mexico, to be dedicated to a well to be drilled at a standard location in Unit B of said Section 17. Also to be considered will be the cost of drilling and completing said well and the allocation of such costs, as well as actual operating costs and charges for supervision. Also to be considered is the designation of applicant as operator of the well and a charge for risk involved in drilling said well.

CASE 5094: Application of Cities Service Oil Company for a unit agreement, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Azotea Mesa Unit Area comprising 5686 acres, more or less, of Federal and State lands in Township 23 South, Range 24 East, Eddy County, New Mexico.

CASE 5095: Application of Cities Service Oil Company for a unit agreement, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Loafer Draw Unit Area comprising 5844 acres, more or less, of Federal, Fee, and State lands in Township 21 South, Ranges 21 and 22 East, Eddy County, New Mexico.

CASE 5096: Application of H. L. Brown, Jr. for a non-standard gas proration unit and unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for a 320-acre non-standard gas proration unit comprising the SE/4 of Section 15 and the E/2 NE/4, SW/4 NE/4, and NE/4 SE/4 of Section 22, all in Township 17 South, Range 29 East, Grayburg-Morrow Gas Pool, Eddy County, New Mexico, to be dedicated to a well to be drilled at an unorthodox gas well location 330 feet from the South and East lines of said Section 15.

CASE 5097: Application of Dorchester Exploration Company for pool creation and special pool rules, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new gas pool for Wolfcamp production for its well located in Unit F of Section 35, Township 19 South, Range 28 East, and the promulgation of special rules therefor including a provision for 320-acre spacing and standard 320-acre well locations.

CASE 5073: (Continued and Readvertised)

Application of Belco Petroleum Corporation for a non-standard gas proration unit and unorthodox gas well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for a 320-acre non-standard gas proration unit comprising the E/2 SW/4 and SE/4 of Section 30 and the N/2 NE/4 of Section 31, all in Township 20 South, Range 33 East, South Salt Lake Field, Lea County, New Mexico, to be dedicated to a well to be drilled at an unorthodox location 660 feet from the South line and 1300 feet from the East line of said Section 30.

Attachment A-7

~~PROPOSED~~ INJECTION WELLS

MYERS LANGLIE MATTIX UNIT
Lea County, New Mexico

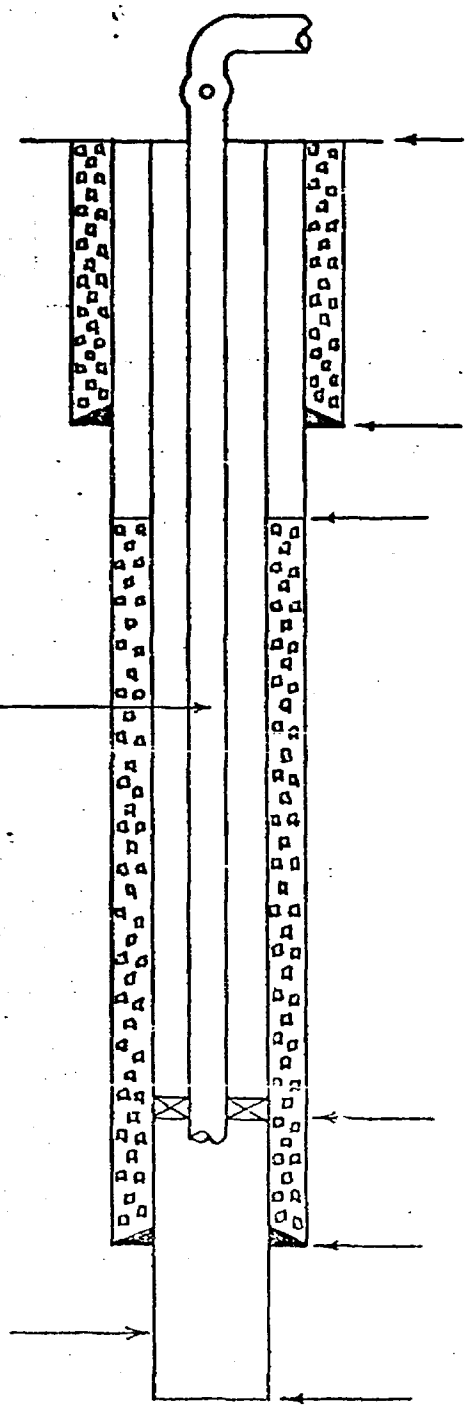
Tract Number	Unit Well No.	Location Ut.	Sec.	T	Rge.	Former Operator	Former Lease and Well No.
3	3	G	29	23S	37E	Gulf	LaMunyon Fed. No. 18
21	7	C	30	23S	37E	Texas Pacific	Blinebry "A" Fed. No. 10
44	10	A	25	23S	36E	Reserve O-G	L. Carter No. 1
20	13	E	30	23S	37E	Texas Pacific	Blinebry "A" Fed No. 11
3	17	E	29	23S	37E	Gulf	LaMunyon Fed. No. 2
3	19	G	29	23S	37E	Gulf	LaMunyon Fed. No. 15
17	24	I	29	23S	37E	Conoco	Stewart 29 Fed. No. 2
22	26	K	29	23S	37E	Texas Pacific	Blinebry "A" Fed. No. 4
42	28	I	30	23S	37E	Albert Gackle	Cowden No. 2
1	34	K	25	23S	36E	Flag-Redfern	Lynn B-25 Fed. No. 3
1	35	M	25	23S	36E	Flag-Redfern	Lynn B-25 Fed. No. 4
2	37	O	25	23S	36E	Conoco	Lynn B-25 Fed. No. 4
46	39	M	30	23S	37E	Albert Gackle	Cowden B No. 2
19	43	M	29	23S	37E	Texas Pacific	E. Blinebry Fed. No. 1
17	45	O	29	23S	37E	Conoco	Stewart 29-Fed. No. 1
16	47	M	28	23S	37E	Conoco	Stewart 28 Fed. No. 1
23	50	D	34	23S	37E	Texas Pacific	Blinebry B No. 8
50	53	C	33	23S	37E	Resler-Sheldon	Fanning "B" No. 5
34	55	A	32	23S	37E	Great Western	Leonard B St. No. 5
34	57	C	32	23S	37E	Great Western	Leonard B St. No. 3
30	63	A	36	23S	36E	Amerada	State LMT No. 5
30	65	C	36	23S	36E	Amerada	State LMT No. 7
30	69	G	36	23S	36E	Amerada	State LMT No. 3
49	71	E	31	23S	37E	Albert Gackle	Cowden "C" No. 2
49	73	G	31	23S	37E	Albert Gackle	Cowden "C" No. 5
50	79	E	33	23S	37E	Resler-Sheldon	Fanning No. 1
24	86	L	34	23S	37E	Texas Pacific	Blinebry B Fed. No. 4
52	89	K	33	23S	37E	W. K. Byrom	Davis No. 2
38	91	I	32	23S	37E	Amerada	State LMA No. 2
14	95	I	31	23S	37E	Texaco	E. E. Blinebry A No. 2
15	97	K	31	23S	37E	Texaco	E. E. Blinebry B No. 3
33	99	I	36	23S	36E	Gulf	Holt B No. 1
32	103	O	36	23S	~~37E~~ 36E	Skelly	Mexico D No. 2
15	105	M	31	23S	37E	Texaco	E. E. Blinebry B No. 2
15	107	O	31	23S	37E	Texaco	E. E. Blinebry B No. 4
36	109	M	32	23S	37E	Texaco	State B-4 No. 1
53	113	M	33	23S	37E	W. K. Byrom	Davis B No. 1
56	115	O	33	23S	37E	Johnson-French	Davis No. 1
39	120	G	2	24S	37E	Skelly	Mattix A No. 5
10	122	A	3	24S	37E	N. B. Hunt	Mattix A No. 2
28	132	C	5	24S	37E	Amoco	C. Meyers B Fed. No. 22
28	134	A	6	24S	37E	Amoco	C. Meyers B Fed. No. 15
58	136	C	6	24S	37E	Gulf	Carter Eaves A No. 1
7	138	A	1	24S	36E	Conoco	Vaughn B Fed. No. 3
28	140	G	6	24S	37E	Amoco	C. Meyers B Fed. No. 19
28	142	E	5	24S	37E	Amoco	C. Meyers B Fed. No. 17
60	144	G	5	24S	37E	Texaco	E. D. Fanning No. 7
61	146	E	4	24S	37E	Texaco	E. D. Fanning No. 4
11	152	G	3	24S	37E	N. B. Hunt	Mattix A Fed. No. 4
40	154	E	2	24S	37E	Skelly	~~Mattix A No. 2~~
42	156	G	2	24S	37E	Skelly	Mexico P No. 2
40	157	K	2	24S	37E	Skelly	Mattix A No. 4
10	159	I	3	24S	37E	N. B. Hunt	Mattix A Fed. No. 5
26	169	K	5	24S	37E	Texas Pacific	C. Meyers Fed. No. 8
26	171	I	6	24S	37E	Texas Pacific	C. Meyers Fed. No. 6
26	175	O	6	24S	37E	Texas Pacific	C. Meyers Fed. No. 5
26	177	M	5	24S	37E	Texas Pacific	C. Meyers Fed. No. 2
62	179	O	5	24S	37E	Texaco	J. D. Young No. 3
13	192	C	10	24S	37E	N. B. Hunt	Mattix B-10 No. 2
79	194	A	9	24S	37E	W. K. Byrom	Sinclair Carter No. 1
75	196	C	9	24S	37E	Cont-Emsco	F. Hair No. 1
72	198	A	8	24S	37E	Texas Pacific	Hodge No. 5
29	200	C	8	24S	37E	Texas Pacific	Jack Fed. No. 3

Tract Number	Unit Well No.	Location Ut.	Sec.	T	Rge.	Former Operator	Former Lease and Well No.
~~20~~	~~202~~	~~A~~	~~7~~	24S	37E	Amoco	C. Meyers B-Fed. No. 20
~~6~~	~~206~~	E	12	24S	36E	Conoco	Vaughn A-12 Fed. No. 1
~~64~~	208	~~G~~	12	24S	36E	Atlantic	Cooper No. 1
~~27~~	~~210~~	~~B~~	~~7~~	~~24S~~	37E	Amoco	C. Meyers B-Fed. No. 6
~~28~~	~~212~~	~~C~~	~~7~~	24S	37E	Amoco	C. Meyers B-Fed. No. 10
~~29~~	~~214~~	~~E~~	~~8~~	24S	37E	Texas Pacific	Jack Fed. No. 1
~~72~~	~~216~~	~~C~~	~~8~~	24S	37E	Texas Pacific	Hodge No. 4
~~74~~	~~218~~	~~E~~	~~9~~	24S	37E	Atlantic	F. Hair No. 2
~~69~~	~~222~~	E	10	24S	37E	Gulf	S. J. Carr No. 2
~~12~~	~~224~~	~~G~~	10	24S	37E	N. B. Hunt	Mattix B-Fed. No. 4
~~63~~	~~228~~	~~K~~	10	24S	37E	Gulf	S. J. Carr No. 3
~~27~~	~~229~~	~~K~~	~~9~~	~~24S~~	37E	Amoco	C. Meyers B-Fed. No. 5
~~73~~	~~231~~	~~I~~	~~8~~	~~24S~~	37E	Amerada	O. M. Hodges No. 1
~~70~~	~~233~~	~~K~~	~~8~~	24S	37E	Conoco	Cooper No. 2
~~69~~	~~235~~	~~I~~	~~7~~	24S	37E	Skelly	Liberty Royalties No. 3
~~67~~	~~237~~	~~K~~	~~7~~	24S	37E	King-Warren-Dye	Toby No. 2
66	239	I	12	24S	36E	Atlantic	Toby No. 2
65	241	K	12	24S	36E	Skelly	J. W. Cooper No. 1
~~68~~	~~244~~	~~M~~	~~7~~	24S	37E	Skelly	Toby No. 1
~~69~~	~~246~~	~~O~~	~~7~~	24S	37E	Skelly	Liberty Royalties No. 1
~~12~~	~~250~~	~~O~~	~~10~~	24S	37E	N. B. Hunt	Mattix B-Fed. No. 3

BEFORE EXAMINER STAMETS
OIL CONSERVATION COMMISSION
EXHIBIT NO. 4
CASE NO. 5087
Submitted by Shell
Hearing Date 10-31-73

MYERS LANGLIE MATTIX UNIT

Typical Injection Well With Open Hole Completion



Elevation 3,323' G.L.

9-5/8" OD (8.921" ID), 36# Csg. set @ 650'. Cemented w/250 sacks. Top cement surface.

Top cement calculated @ 988'

2-3/8" OD (1.745" ID), 4.7# internally coated tubing set @ 3,400'.

5-1/2" X 2-3/8" plastic coated tension type injection packer @ 3,400'.

Open hole @ 3,440'-3,575'

5-1/2" OD (4.892"ID), 17# Csg. set @ 3,440' cemented with 600 sacks.

Est. top Queen 3,493'

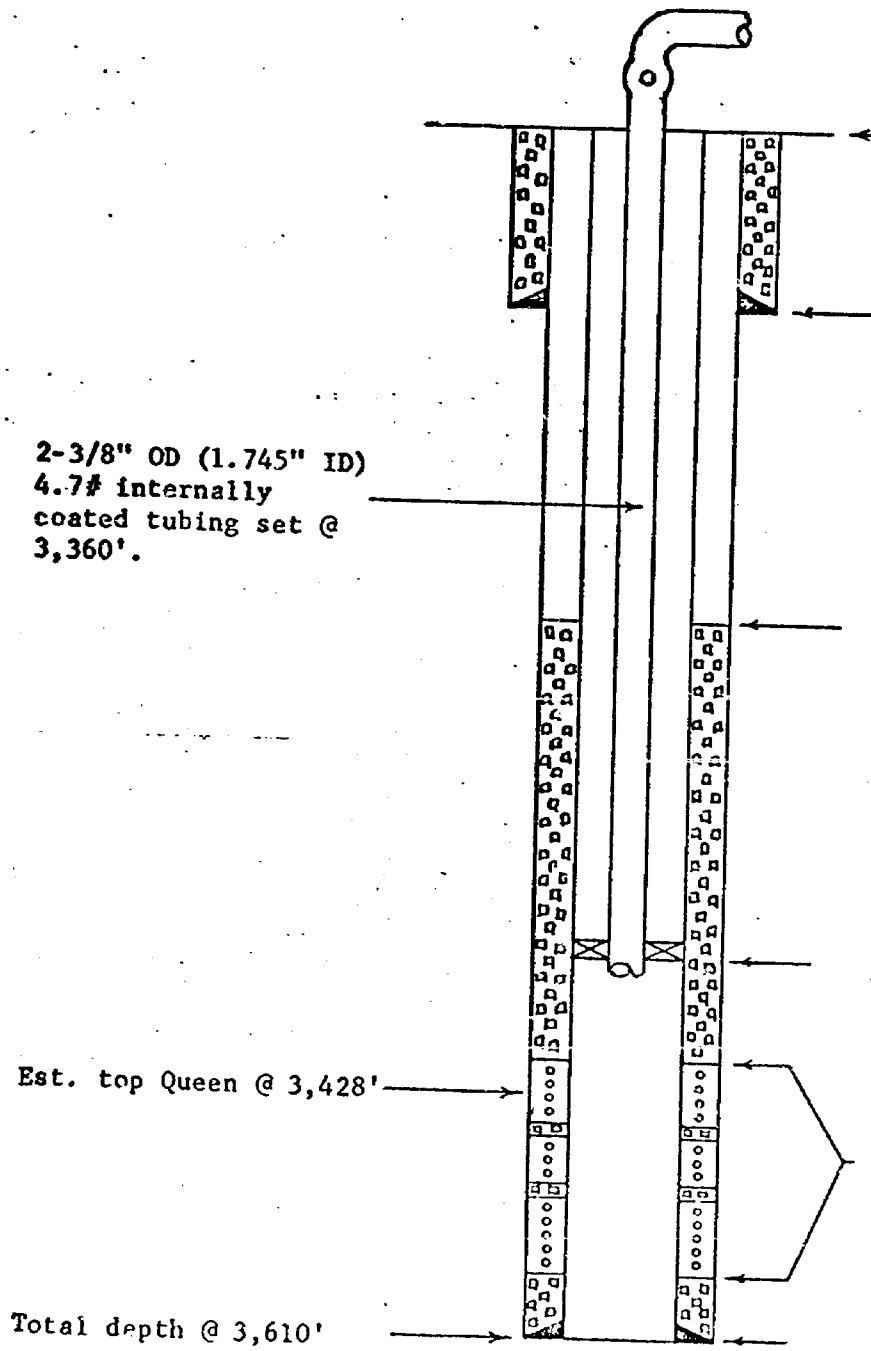
TD 3,575'

ACTUAL WELL SHOWN:
TEXAS PACIFIC OIL COMPANY
BLINEBRY "A" FEDERAL NO. 3
UNIT L SEC. 29, T23S-R37E
LEA COUNTY, NEW MEXICO

EXHIBIT B-1

MYERS LANGLIE MATTIX UNIT

Typical Injection Well With Cased Hole Completion

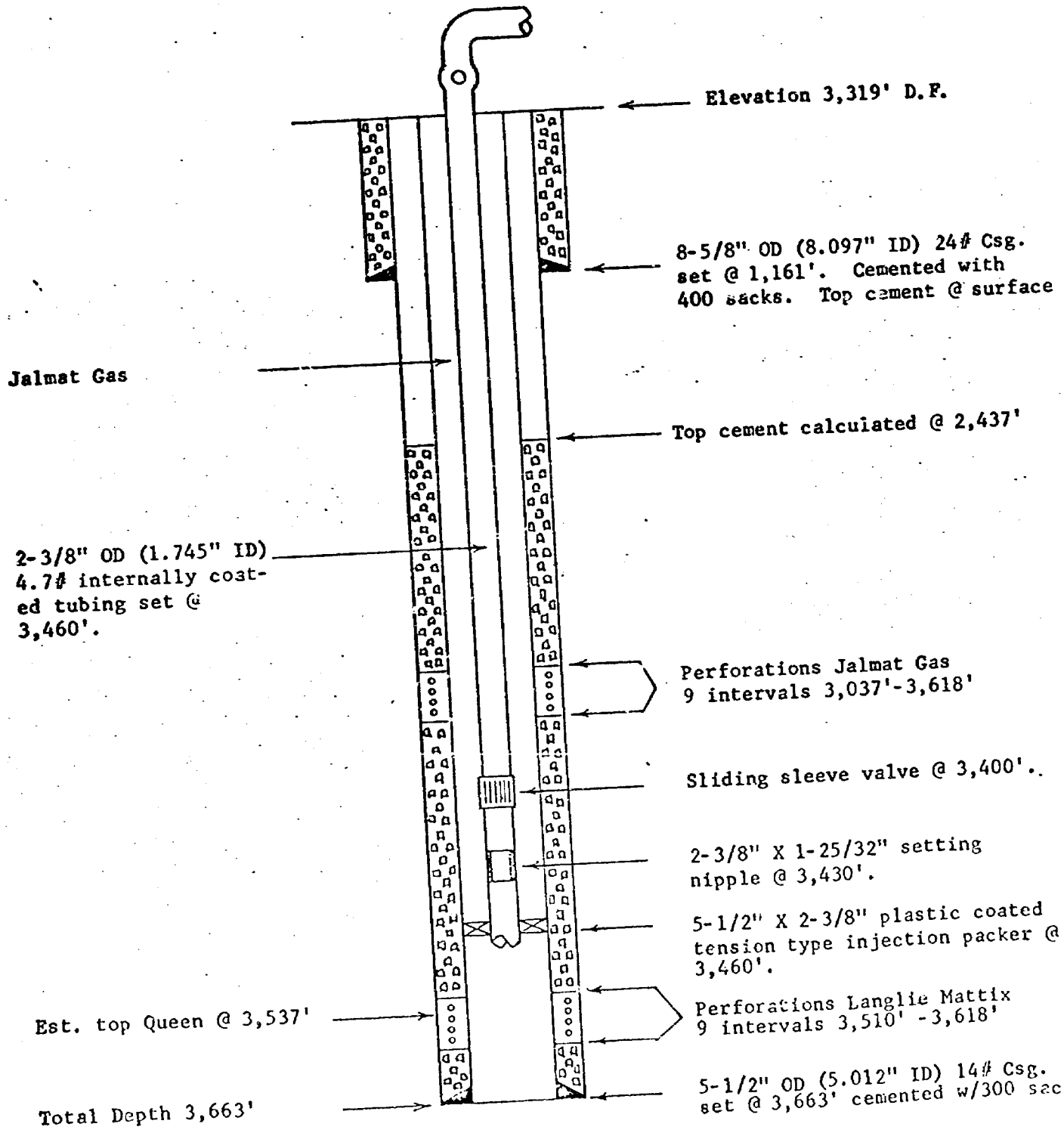


ACTUAL WELL SHOWN:
AMERADA HESS CORPORATION
STATE L.M. "A" COM. NO. 2
UNIT I, SECTION 32, T23S-R37E
LEA COUNTY, NEW MEXICO

EXHIBIT B-2

MYERS LANGLIE MATTIX UNIT

Typical Injection Well With Jalmat Gas Zone Open
Dual Completion



ACTUAL WELL SHOWN:
TEXACO INC. E. E. BLINEBRY "A" NCT-1 FEDERAL NO. 2
UNIT I SECTION 31, T23S-R37E
LEA COUNTY, NEW MEXICO

EXHIBIT B-3

BEFORE EXAMINER STAMPS
OIL CONSERVATION COMM.
EXHIBIT NO. 5
CASE NO. 5087
Submitted by Skelly
Hearing Date 10-31-73

WELL COMPLETION DATA
Skelly Operated

MYERS LANGLIE MATTIX UNIT
Lea County, New Mexico

Operator, Lease and Well No.	Completion Data	Location Unit	Location Sec-Ts-Re	Location Elevation	Well Total Depth, Ft.	Casing Data Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	Present Completion In Open Hole - Perforatic
AMERADA HESS CORP.											
O. M. Hodges # 1	11-30-41	H	8-24-37	3283' DF	3586	7-5/8"	22.0	317	175	Circ.*	O-H 3475'-3586' Perf 338
						5-1/2"	15.5	3475	300	2370'	(Jalmat 2875'-2950', 299
O. M. Hodges # 2	4-19-55	J	8-24-37	3279' DF	3580	8-5/8"	24.0	356	225	Circ.	
						5-1/2"	15.5	3525	500	1876'	
State LM "A" Com # 1	12-23-53	P	32-23-37	3294' DF	3660	9-5/8"	32.0	303	225	Circ.	O-H 3525'-3580'
						7"	20.0	3660	325	2067'	
State LM "A" Com # 2	11-1-57	I	32-23-37	3296' DF	3610	8-5/8"	24.0	306	225	Circ.	Perf 3420'-3590', 2-interv
						5-1/2"	15.5	3600	325	2393'	
State LM "T" # 1	3-24-46	E	36-23-36	3332' DF	3607	13-3/8"	36.0	554	400	80'*	Perf 3413'-3594', 3-interv
						8-5/8"	32.0	3450	450	2500'	
State LM "T" # 2	12-21-48	F	36-23-36	3323' DF	3600	8-5/8"	32.0	317	176	Circ.	O-H 3450'-3604'
						5-1/2"	15.5	3455	510	1887'	
State LM "T" # 3	1-27-49	G	36-23-36	3331' DF	3600	8-5/8"	32.0	313	200	Circ.	O-H 3455'-3600' (PBD 3445')
						5-1/2"	15.5	3460	500	1900'	(Jalmat 2930'-3430', 5-inte
State LM "T" # 4	2-27-49	H	36-23-36	3317' GL	3609	8-5/8"	32.0	328	200	Circ.	O-H 3460'-3600'
						5-1/2"	15.5	3465	500	2026'	
State LM "T" # 5	4-24-49	A	36-23-36	3327' DF	3600	8-5/8"	32.0	307	175	Circ.	O-H 3465'-3609'
						5-1/2"	15.5	3485	500	2200'	
State LM "T" # 6	6-14-49	B	36-23-36	3338' DF	3600	8-5/8"	28.0	309	200	Circ.	O-H 3485'-3590' (BP-3470')
						5-1/2"	15.5	3490	500	2150'	(Jalmat 2835'-3420', 6-interv
											O-H 3490'-3600'

ORE EXAMINER STAMETS
ONSERVATION COMMISSION
EXHIBIT NO. 5
NO. 5087
ted.by Skelly
Date 10-31-73

WELL COMPLETION DATA
Skelly Operated

MYERS LANGLIE MATTIX UNIT
Lea County, New Mexico

letion ata	Location Unit	Sec-Ts-Re	Elevation	Well Total Depth, Ft.	Casing Data Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	Present Completion Interval Open Hole - Perforations, Etc.	Type Well Proposed
30-41	H	8-24-37	3283' DF	3586	7-5/8"	22.0	317	175	Circ.*	O-H 3475'-3586' Perf 3380'-3460'	Inj. - (Dual
					5-1/2"	15.5	3475	300	2370'	(Jalmat 2875'-2950', 2990'-3065')	
9-55	J	8-24-37	3279' DF	3580	8-5/8"	24.0	356	225	Circ.		
					5-1/2"	15.5	3525	500	1876'	O-H 3525'-3580'	Prod.
23-53	P	32-23-37	3294' DF	3660	9-5/8"	32.0	303	225	Circ.		
					7"	20.0	3660	325	2067'	Perf 3420'-3590', 2-intervals	Prod.
1-57	I	32-23-37	3296' DF	3610	8-5/8"	24.0	306	225	Circ.		
					5-1/2"	15.5	3600	325	2393'	Perf 3413'-3594', 3-intervals	Inj.
24-46	E	36-23-36	3332' DF	3607	13-3/8"	36.0	554	400	80'*		
					8-5/8"	32.0	3450	450	2500'	O-H 3450'-3604'	Prod.
21-48	F	36-23-36	3323' DF	3600	8-5/8"	32.0	317	176	Circ.	O-H 3455'-3600' (PBD 3445')	Prod. - (Dua
					5-1/2"	15.5	3455	510	1887'	(Jalmat 2930'-3430', 5-intervals)	
27-49	G	36-23-36	3331' DF	3600	8-5/8"	32.0	313	200	Circ.		
					5-1/2"	15.5	3460	500	1900'	O-H 3460'-3600'	Inj.
27-49	H	36-23-36	3317' GL	3609	8-5/8"	32.0	328	200	Circ.		
					5-1/2"	15.5	3465	500	2026'	O-H 3465'-3609'	Prod.
24-49	A	36-23-36	3327' DF	3600	8-5/8"	32.0	307	175	Circ.	O-H 3485'-3590' (BP-3470')	Inj.
					5-1/2"	15.5	3485	500	2200'	(Jalmat 2835'-3420', 6-intervals)	
14-49	B	36-23-36	3338' DF	3600	8-5/8"	28.0	309	200	Circ.		
					5-1/2"	15.5	3490	500	2150'	O-H 3490'-3600'	Prod.

Operator Lease and Well No.	Completion Data	Location Unit	Sec-Ts-Re	Elevation	Well Total Depth, Ft.	Casing Data Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	Present Completion Inte Open Hole - Perforations
State LM "T" # 7A	7-19-49	C	36-23-36	3329' GL	3600	13-3/8"	54.5	294	200	Circ.	
						8-5/8"	28.0	1225	600	Circ.	
						5-1/2"	15.5	3500	500	1290'	O-H 3500'-3600'
State LM "T" # 8	8-31-49	D	36-23-36	3327' GL	3600	13-3/8"	54.5	289	200	Circ.	
						8-5/8"	32.0	1219	625	260'	
						5-1/2"	15.5	3480	500	2055'	O-H 3480'-3590'
AMOCO PROD CO.											
Meyers "B" Federal # 2	6-8-37	M	4-24-37	3269' DF	3570	8-5/8"	22.0	1176	415	Circ.*	O-H 3409'-3570' (PBD 3195
						5-1/2"	17.0	3409	400	1639'*	(Jalmat 2720'-3188', 6-in
Meyers "B" Federal # 3	7-12-37	I	4-24-37	3290' DF	3639	8-5/8"	28.0	1399	400	260'*	
						5-1/2"	17.0	3466	400	1702'*	O-H 3466'-3639'
Meyers "B" Federal # 5	8-9-38	K	9-24-37	3272' DF	3610	8-5/8"	28.0	1197	400	58'*	O-H 3265'-3610' (Packer 3
						5-1/2"	17.0	3265	125	2712'*	(Jalmat 2675'-3185', 8-in
Meyers "B" Federal # 6	9-25-40	E	7-24-37	3328' DF	3595	8-5/8"	32.3	2748	600	1039'*	
						5-1/2"	14.0	3480	185	2661'*	O-H 3480'-3595'
Meyers "B" Federal # 8	9-27-47	H	7-24-37	3308' DF	3574	9-5/8"	32.3	1248	40	1150'*	
						7"	24.0	3400	175	2237'*	O-H 3400'-3556'
Meyers "B" Federal # 9	12-24-47	F	7-24-37	3326' DF	3592	9-5/8"	36.0	1240	425	Circ.	
						7"	23.0	3398	175	2504'*	O-H 3398'-3592'
Meyers "B" Federal # 10	6-9-48	G	7-24-37	3321' DF	3595	9-5/8"	36.0	1260	500	36'*	O-H 3485'-3595' (PBD 3295
						7"	23.0	3485	250	1822'*	(Jalmat 2860'-3250')
Courtland Meyers "B" # 11	5-18-52	B	6-24-37	3325' KB	3712	9-5/8"	32.0	1210	600	Circ.	O-H 3461'-3712'
						7"	23.0	3461	300	2476'	(Jalmat 2994'-3230', 8-in
Meyers "B" Federal # 13	1-21-57	L	9-24-37	3270' DF	3697	9-5/8"	32.3	333	350	Circ.	Perf. 3327'-3653', 6-inte
						7"	20.0	3697	1650	Circ.*	(PBT 3298') (Jalmat 2724'-
											7-intervals)

tion	Location Unit	Sec-Ts-Re	Elevation	Well Total Depth, Ft.	Casing Data Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	Present Completion Interval Open Hole - Perforations, Etc.	Type Well Proposed
49	C	36-23-36	3329' GL	3600	13-3/8"	54.5	294	200	Circ.		
					8-5/8"	28.0	1225	600	Circ.		
					5-1/2"	15.5	3500	500	1290'	O-H 3500'-3600'	Inj.
-49	D	36-23-36	3327' GL	3600	13-3/8"	54.5	289	200	Circ.		
					8-5/8"	32.0	1219	625	260'		
					5-1/2"	15.5	3480	500	2055'	O-H 3480'-3590'	Prod.
37	M	4-24-37	3269' DF	3570	8-5/8"	22.0	1176	415	Circ.*	O-H 3409'-3570' (PBD 3195')	Prod. - (Dual
					5-1/2"	17.0	3409	400	1639'*	(Jalmat 2720'-3188', 6-intervals)	
-37	I	4-24-37	3290' DF	3639	8-5/8"	28.0	1399	400	260'*		
					5-1/2"	17.0	3466	400	1702'*	O-H 3466'-3639'	Prod.
38	K	9-24-37	3272' DF	3610	8-5/8"	28.0	1197	400	58'*	O-H 3265'-3610' (Packer 3235')	Inj.
					5-1/2"	17.0	3265	125	2712'*	(Jalmat 2675'-3185', 8-intervals)	
5-40	E	7-24-37	3328' DF	3595	8-5/8"	32.3	2748	600	1039'*		
					5-1/2"	14.0	3480	185	2661'*	O-H 3480'-3595'	Inj.
7-47	H	7-24-37	3308' DF	3574	9-5/8"	32.3	1248	40	1150'*		
					7"	24.0	3400	175	2237'*	O-H 3400'-3556'	Prod.
24-47	F	7-24-37	3326' DF	3592	9-5/8"	36.0	1240	425	Circ.		
					7"	23.0	3398	175	2504'*	O-H 3398'-3592'	Prod.
-48	G	7-24-37	3321' DF	3595	9-5/8"	36.0	1260	500	36'*	O-H 3485'-3595' (PBD 3295')	Inj.
					7"	23.0	3485	250	1822'*	(Jalmat 2860'-3250')	
18-52	B	6-24-37	3325' KB	3712	9-5/8"	32.0	1210	600	Circ.	O-H 3461'-3712'	
					7"	23.0	3461	300	2476'	(Jalmat 2994'-3230', 8-intervals)	Prod - (Dual)
21-57	L	9-24-37	3270' DF	3697	9-5/8"	32.3	333	350	Circ.	Perf. 3327'-3653', 6-intervals	
					7"	20.0	3697	1650	Circ.*	(PBT 3298') (Jalmat 2724'-3145', 7-intervals)	Prod. - (Dual

Operator Lease and Well No.	Completion Data	Location Unit	Sec-Ts-Re	Elevation	Well Total Depth, Ft.	Casing Data Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	Present Completion Interv Open Hole - Perforations.
Meyers "B" Federal # 15	1-7-62	A	6-24-37	3324' KB	3726	8-5/8"	22.7	351	250	Circ.	
						4-1/2"	9.5	3726	725	2700'	Perf. 3546'-3655', 7-interv
Meyers "B" Federal # 16	1-22-62	D	5-24-37	3314' KB	3680	8-5/8"	22.7	352	250	Circ.	
						5-1/2"	14.0	3680	300	2550'	Perf. 3503'-3673'
Meyers "B" Federal # 17	2-12-62	E	5-24-37	3315' KB	3691	8-5/8"	22.7	353	225	Circ.	
						4-1/2"	9.5	3691	350	2513'*	Perf. 3509'-3644'
Meyers "B" Federal # 18	2-4-62	H	6-24-37	3321' KB	3701	8-5/8"	22.7	353	250	Circ.	
						4-1/2"	9.5	3701	350	2523'*	Perf. 3517'-3640'
Meyers "B" Federal # 19	3-15-62	G	6-24-37	3331' KB	3696	8-5/8"	22.7	352	225	Circ.	
						4-1/2"	9.5	3696	385	2556'*	Perf. 3519'-3644'
Meyers "B" Federal # 20	2-20-62	A	7-24-37	3321' KB	3671	8-5/8"	22.7	360	225	Circ.	
						4-1/2"	9.5	3671	350	1325'	Perf. 3472'-3600', 8-interv
Meyers "B" Federal # 21	3-8-62	B	7-24-37	3323' KB	3705	8-5/8"	22.7	354	225	Circ.	
						4-1/2"	9.5	3705	335	2577'*	Perf. 3466'-3601', 8-inter
Meyers "B" Federal # 22	4-13-62	C	5-24-37	3314' KB	3734	8-5/8"	22.7	352	225	Circ.	
						4-1/2"	9.5	3734	335	2606'	Perf. 3430'-3694', 12-inte
Meyers "B" Federal # 23	3-1-62	F	5-24-37	3305' KB	3729	8-5/8"	22.7	349	225	Circ.*	
						4-1/2"	9.5	3729	335	2601'*	Perf. 3437'-3680', 11-inte
ATLANTIC RICHFIELD CO.											
L. Carter # 1	11-9-37	H	9-24-37	3289' GL	3787	13"	45.0	262	300	Circ.	
						9-5/8"	40.0	1348	400	253'*	
						7"	24.0	3129	200	2109'*	O-H 3129'-3612'
W. N. Cooper # 1	7-23-40	G	12-24-36	3336' GL	3588	9-5/8"	NA	1184	250	572'*	O-H 3465'-3588'
						7"	NA	3465	300	1460'*	(Jalmat 2910'-3150')

letion ata	Location Unit	Sec-Ts-Re	Elevation	Well Total Depth, Ft.	Casing Data Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	Present Completion Interval Open Hole - Perforations, Etc.	Type Well Proposed
7-62	A	6-24-37	3324' KB	3726	8-5/8"	22.7	351	250	Circ.		
					4-1/2"	9.5	3726	725	2700'	Perf. 3546'-3655', 7-intervals	Inj.
22-62	D	5-24-37	3314' KB	3680	8-5/8"	22.7	352	250	Circ.		
					5-1/2"	14.0	3680	300	2550'	Perf. 3503'-3673'	Prod.
12-62	E	5-24-37	3315' KB	3691	8-5/8"	22.7	353	225	Circ.		
					4-1/2"	9.5	3691	350	2513'*	Perf. 3509'-3644'	Inj.
4-62	H	6-24-37	3321' KB	3701	8-5/8"	22.7	353	250	Circ.		
					4-1/2"	9.5	3701	350	2523'*	Perf. 3517'-3640'	Prod.
15-62	G	6-24-37	3331' KB	3696	8-5/8"	22.7	352	225	Circ.		
					4-1/2"	9.5	3696	385	2556'*	Perf. 3519'-3644'	Inj.
20-62	A	7-24-37	3321' KB	3671	8-5/8"	22.7	360	225	Circ.		
					4-1/2"	9.5	3671	350	1325'	Perf. 3472'-3600', 8-intervals	Inj.
3-62	B	7-24-37	3323' KB	3705	8-5/8"	22.7	354	225	Circ.		
					4-1/2"	9.5	3705	335	2577'*	Perf. 3466'-3601', 9-intervals	Prod.
13-62	C	5-24-37	3314' KB	3734	8-5/8"	22.7	352	225	Circ.		
					4-1/2"	9.5	3734	335	2606'	Perf. 3430'-3694', 12-intervals	Inj.
1-62	F	5-24-37	3305' KB	3729	8-5/8"	22.7	349	225	Circ.*		
					4-1/2"	9.5	3729	335	2601'*	Perf. 3437'-3680', 11-intervals	Prod.
9-37	H	9-24-37	3289' GL	3787	13"	45.0	262	300	Circ.		
					9-5/8"	40.0	1348	400	253'*		
					7"	24.0	3129	200	2109'*	O-H 3129'-3612'	Prod.
23-40	G	12-24-36	3336' GL	3588	9-5/8"	NA	1184	250	572'*	O-H 3465'-3588'	Inj. - (Dual)
					7"	NA	3465	300	1460'*	(Jalmat 2910'-3150')	

Operator Lease and Well No.	Completion Data	Location Unit	Sec-Ts-Re	Elevation	Well Total Depth, Ft.	Casing Data Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	Present Completion Inter Open Hole - Perforations
W. N. Cooper # 2	10-6-41	F	12-24-36	3349' GL	3644	9-5/8"	36.0	1188	200	699'*	O-H 3485'-3644' (PBD 3466
						7"	24.0	3485	300	1955'*	(Jalmat 3400'-3456', 2-in
Fowler Hair # 2	8-15-38	E	9-24-37	3267' GL	3560	13"	40.0	239	200	Circ.*	
						8-5/8"	28.0	1285	200	715'*	
						7"	24.0	3143	150	2145'*	O-H 3143'-3560'
G. W. Toby # 1	2-15-37	P	12-24-36	3324' KB	3685	13"	40.0	289	170	72'*	
						9-5/8"	36.0	2844	714	1096'*	O-H 3429'-3508' (Packer 34
						7"	24.0	3256	100	2746'*	(Jalmat O-H 3256'-3508')
G. W. Toby # 2	1-30-40	I	12-24-36	3328' DF	3570	12-1/2"	40.0	258	200	Circ.*	
						9-5/8"	36.0	2751	700	1037'*	
						7"	24.0	3400	75	2659'*	O-H 3400'-3570'
G. W. Toby # 3	9-14-40	J	12-24-36	3337' GL	3595	13"	40.0	268	200	13'*	
						8-5/8"	32.0	2782	585	1116'*	
						5-1/2"	17.0	3448	100	3005'*	O-H 3448'-3595'
FRANK BATEMAN											
B. E. Davis # 1	10-1-38	N	33-23-37	3275' NA	3600	9-5/8"	NA	1420	500	196'*	
						7"	NA	3300	300	1770'*	O-H 3300'-36[illegible]
TOM BROWN INC.											
LaMunyon Federal # 1	2-23-60	M	28-23-37	3307.3 GL	3652	8-5/8"	24.0	308	150	Circ.*	
						5-1/2"	14.0	3652	200	2560'	Perf. 3568' (1')
W. K. BYROM											
B. E. Davis # 1	2-29-56	L	33-23-37	3290' DF	3635	8-5/8"	28.0	231	150	Circ.	O-H 3507'-3618' (Packer 34
						5-1/2"	14.0	3507	200	2622'*	(Jalmat 2744'-2947', 13-1 intervals)
B. E. Davis # 2	3-17-56	K	33-23-37	3282' RT	3640	10-1/4"	NA	231	150	Circ.	
						5-1/2"	14.0	3640	300	2312'*	Perf. 3503'-3626', 7-inter

etion ta	Location Unit	Sec-Ts-Re	Elevation	Well Total Depth, Ft.	Casing Data Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	Present Completion Interval Open Hole - Perforations, Etc.	Type Well Proposed
-41	F	12-24-36	3349' GL	3644	9-5/8"	36.0	1188	200	699'*	O-H 3485'-3644' (PBD 3466') (Jalmat 3400'-3456', 2-intervals)	Prod. - (Dua
					7"	24.0	3485	300	1955'*		
38	E	9-24-37	3267' GL	3560	13"	40.0	239	200	Circ.*		
					8-5/8"	28.0	1285	200	715'*		
					7"	24.0	3143	150	2145'*	O-H 3143'-3560'	Inj. - (Dual
37	P	12-24-36	3324' KB	3685	13"	40.0	289	170	72'*		
					9-5/8"	36.0	2844	714	1096'*	O-H 3429'-3508' (Packer 3429') (Jalmat O-H 3256'-3508')	Prod. - (Dua
					7"	24.0	3256	100	2746'*		
40	I	12-24-36	3328' DF	3570	12-1/2"	40.0	258	200	Circ.*		
					9-5/8"	36.0	2751	700	1037'*		
					7"	24.0	3400	75	2659'*	O-H 3400'-3570'	Inj.
40	J	12-24-36	3337' GL	3595	13"	40.0	268	200	13'*		
					8-5/8"	32.0	2782	585	1116'*		
					5-1/2"	17.0	3448	100	3005'*	O-H 3448'-3595'	Prod.
38	N	33-23-37	3275' NA	3600	9-5/8"	NA	1420	500	196'*		
					7"	NA	3300	300	1770'*	O-H 3300'-3600'	Prod.
0	M	28-23-37	3307.3 GL	3652	8-5/8"	24.0	308	150	Circ.*		
					5-1/2"	14.0	3652	200	2560'	Perf. 3568' (1')	Prod.
6	L	33-23-37	3290' DF	3635	8-5/8"	28.0	231	150	Circ.		
					5-1/2"	14.0	3507	200	2622'*	O-H 3507'-3618' (Packer 3400') (Jalmat 2744'-2947', 13-1 shot intervals)	Prod.
5	K	33-23-37	3282' RT	3640	10-1/4"	NA	231	150	Circ.		
					5-1/2"	14.0	3640	300	2312'*	Perf. 3503'-3626', 7-intervals	Inj.

Operator Lease and Well No.	Completion Data	Location Unit	Sec-Ts-Re	Elevation	Well Total Depth, Ft.	Casing Data Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	Present Completion Inte Open Hole - Perforations
B. E. Davis "B" # 1	4-28-56	M	33-23-37	3290' RT	3635	8-5/8"	28.0	236	150	Circ.	
						5-1/2"	14.0	3635	300	2307'*	Perf. 3530'-3624', 8-inte
Sinclair Carter # 1	7-19-56	A	9-24-37	3277' RT	3606	10-3/4"	NA	220	200	Circ.*	
						5-1/2"	14.0	3606	300	2491'*	Perf. 3505'-3554', 3-inte
RALPH CLARK											
Imperial Royalties # 1	3-10-38	F	9-24-37	3278' DF	3640	10-3/4"	35.0	258	300	Circ.*	
						5-1/2"	15.0	3138	350	1588'*	O-H 3138'-3545'
CONTINENTAL-EMSCO CO.											
Fowler Hair # 1	7-26-55	C	9-24-37	3298' KB	3585	8-5/8"	29.0	259	150	Circ.	
						5-1/2"	15.5	3525	200	265'*	O-H 3525'-3585'
Fowler Hair "A" # 1	8-15-55	B	9-24-37	3297' GL	3591	8-5/8"	32.0	265	150	Circ.	
						5-1/2"	14.0	3519	200	280'*	O-H 3519'-3591'
CONTINENTAL OIL CO.											
Cooper # 1	8-16-52	I	8-24-37	3303' GL	3588	9-5/8"	36.0	290	150	Circ.	O-H 3145'-3588' (O-H Pack
						7"	20.0	2836	400	2041'*	(Jalmat O-H 2836'-3145')
Cooper # 2	4-12-55	K	8-24-37	3300' GL	3575	9-5/8"	32.0	319	100	Circ.	
						7"	20.0	3427	400	1705'*	O-H 3427'-3575'
Lynn B 25 # 3	12-8-49	P	25-23-36	3340' DF	3635	10-3/4"	NA	298	200	Circ.*	
						7-5/8"	NA	1214	500	1119'*	
						5-1/2"	NA	3498	900	2195'*	O-H 3489'-3635'
Lynn B 25 # 4	2-22-50	O	25-23-36	3344' DF	3602	10-3/4"	NA	295	200	Circ.*	
						7-5/8"	NA	1204	500	85'*	
						5-1/2"	NA	3478	800	Circ.*	O-H 3478'-3602'

pletion Data	Location Unit	Sec-Ts-Re	Elevation	Well Total Depth, Ft.	Casing Data Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	Present Completion Interval Open Hole - Perforations, Etc.	Type Well Proposed
·28-56	M	33-23-37	3290' RT	3635	8-5/8"	28.0	236	150	Circ.		
					5-1/2"	14.0	3635	300	2307'*	Perf. 3530'-3624', 8-intervals	Inj.
·19-56	A	9-24-37	3277' RT	3606	10-3/4"	NA	220	200	Circ.*		
					5-1/2"	14.0	3606	300	2491'*	Perf. 3505'-3554', 3-intervals	Inj.
·10-38	F	9-24-37	3278' DF	3640	10-3/4"	35.0	258	300	Circ.*		
					5-1/2"	15.0	3138	350	1588'*	O-H 3138'-3545'	Prod.
·26-55	C	9-24-37	3298' KB	3585	8-5/8"	29.0	259	150	Circ.		
					5-1/2"	15.5	3525	200	265'*	O-H 3525'-3585'	Inj.
15-55	B	9-24-37	3297' GL	3591	8-5/8"	32.0	265	150	Circ.		
					5-1/2"	14.0	3519	200	280'*	O-H 3519'-3591'	Prod.
16-52	I	8-24-37	3303' GL	3588	9-5/8"	36.0	290	150	Circ.	O-H 3145'-3588' (O-H Packer 3145')	Prod. - (Dual
					7"	20.0	2836	400	2041'*	(Jalmat O-H 2836'-3145')	
12-55	K	8-24-37	3300' GL	3575	9-5/8"	32.0	319	100	Circ.		
					7"	20.0	3427	400	1705'*	O-H 3427'-3575'	Inj.
·8-49	P	25-23-36	3340' DF	3635	10-3/4"	NA	298	200	Circ.*		
					7-5/8"	NA	1214	500	1119'*		
					5-1/2"	NA	3498	900	2195'*	O-H 3489'-3635'	Prod.
22-50	O	25-23-36	3344' DF	3602	10-3/4"	NA	295	200	Circ.*		
					7-5/8"	NA	1204	500	85'*		
					5-1/2"	NA	3478	800	Circ.*	O-H 3478'-3602'	Inj.

Operator Lease and Well No.	Completion Data	Location Unit	Sec-Ts-Re	Elevation	Well Total Depth, Ft.	Casing Data Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	Present Completion Inter Open Hole - Perforations,
Stewart 28 Federal # 1	4-6-56	M	28-23-37	3303' DF	3655	9-5/8"	NA	309	200	Circ.	
						5-1/2"	NA	3650	300	2323'*	Perf. 3428'-3616', 3-inter
Stewart 28 Federal # 2	3-1-59	K	28-23-37	3335' DF	3762	9-5/8"	NA	298	175	Circ.*	
						5-1/2"	NA	3762	600	1105'*	Perf. 3391'-3644', 10-inte
Stewart 29 Federal # 1	7-15-51	O	29-23-37	3306' DF	3625	10-3/4"	NA	304	150	Circ.*	
						7"	NA	3403	350	899'*	O-H 3403'-3625'
Stewart 29 Federal # 2	1-12-52	I	29-23-37	3310' DF	4000	10-3/4"	NA	306	225	Circ.*	O-H 3465'-4000' (PBD 3390'
						5-1/2"	NA	3465	300	2137'*	(Jalmat 2693'-3040' 1-inte
Stewart 29 Federal # 3	6-1-55	P	29-23-37	3306' DF	3650	8-5/8"	NA	319	175	Circ.*	
						5-1/2"	NA	3464	300	2136'*	O-H 3464'3650'
Vaughn A 12 Federal # 1	2-19-42	E	12-24-36	3358' DF	3680	10-3/4"	NA	292	200	Circ.*	
						7-5/8"	NA	2830	750	1152'*	
						5-1/2"	NA	3474	100	3032'*	O-H 3516'-3680' (Packer 34
						4-1/2"	NA	3407	-	Liner	(Jalmat 2962'-3164', 1-int
Vaughn B 12 Federal # 1	7-8-40	H	12-24-36	3334' DF	3560	10-3/4"	NA	360	250	Circ.*	
						7-5/8"	NA	2756	450	1007'*	O-H 3447'-3560'
						5-1/2"	NA	3447	100	442'*	(Jalmat 2758'-3350')
Vaughn B Federal # 3	12-27-49	A	1-24-38	3322' DF	3609	10-3/4"	NA	282	200	Circ.	
						7-5/8"	NA	1206	500	405'	
						5-1/2"	NA	3449	500	Circ.	O-H 3449'-3609'
CROWN CENTRAL PET. CORP.											
M. A. Hair # 1	3-1-36	E	11-24-37	NA	3760	8-1/4"	32.0	1375	100	1159'*	
						7"	24.0	3444	100	2934'*	O-H 3444'-3760'

letion eta	Location Unit	Sec-Ts-Re	Elevation	Well Total Depth, Ft.	Casing Data Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	Present Completion Interval Open Hole - Perforations, Etc.	Type Well Proposed
-56	M	28-23-37	3303' DF	3655	9-5/8"	NA	309	200	Circ.		
					5-1/2"	NA	3650	300	2323'*	Perf. 3428'-3616', 3-intervals	Inj.
-59	K	28-23-37	3335' DF	3762	9-5/8"	NA	298	175	Circ.*		
					5-1/2"	NA	3762	600	1105'*	Perf. 3391'-3644', 10-intervals	Prod.
5-51	O	29-23-37	3306' DF	3625	10-3/4"	NA	304	150	Circ.*		
					7"	NA	3403	350	899'*	O-H 3403'-3625'	Inj.
2-52	I	29-23-37	3310' DF	4000	10-3/4"	NA	306	225	Circ.*	O-H 3465'-4000' (PBD 3390')	
					5-1/2"	NA	3465	300	2137'*	(Jalmat 2693'-3040' 1-interval)	Inj.
-55	P	29-23-37	3306' DF	3650	8-5/8"	NA	319	175	Circ.*		
					5-1/2"	NA	3464	300	2136'*	O-H 3464'3650'	Prod.
9-42	E	12-24-36	3358' DF	3680	10-3/4"	NA	292	200	Circ.*		
					7-5/8"	NA	2830	750	1152'*		
					5-1/2"	NA	3474	100	3032'*	O-H 3516'-3680' (Packer 3404')	Inj. - (Dual)
					4-1/2"	NA	3407	-	-Liner	(Jalmat 2962'-3164', 1-interval)	
-40	H	12-24-36	3334' DF	3560	10-3/4"	NA	360	250	Circ.*		
					7-5/8"	NA	2756	450	1007'*	O-H 3447'-3560'	Prod. - (Dual)
					5-1/2"	NA	3447	100	442'*	(Jalmat 2758'-3350')	
27-49	A	1-24-36	3322' DF	3609	10-3/4"	NA	282	200	Circ.		
					7-5/8"	NA	1206	500	405'		
					5-1/2"	NA	3449	500	Circ.	O-H 3449'-3609'	Inj.
1-36	E	11-24-37	NA	3760	8-1/4"	32.0	1375	100	1159'*		
					7"	24.0	3444	100	2934'*	O-H 3444'-3760'	Prod.

Operator Lease and Well No.	Completion Data	Location Unit	Sec-Ts-Re	Elevation	Well Total Depth, Ft.	Casing Data Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	Present Completion I Open Hole - Perforati
EL PASO NAT. GAS.											
Shell St. "JL" # 1	4-31-61	L	32-23-37	3313' DF	3720	7-5/8"	NA	266	180	Circ.	Perf. 3537'-3684' (PB 3
						4-1/2"	NA	3719	200	2608'*	(Jalmat 3001'-3184')
FLAG REDFERN OIL CO.											
Lynn B-25 Federal # 1	11-22-50	N	25-23-36	3338' KB	3644	8-5/8"	NA	1195	400	56'*	
						5-1/2"	15.5	3472	800	Circ.*	
						4-1/2"	NA	3644	-	Liner	Liner Perf. 3492'-3644'
Lynn B-25 Federal # 2	12-30-50	J	25-23-36	3348' KB	3645	8-5/8"	NA	1214	400	Circ.*	O-H 3478'-3645' Perf. 3
						5-1/2"	15.5	3478	940	Circ.*	3367', 3-intervals
Lynn B-25 Federal # 3	6-19-51	K	25-23-36	3341' KB	3620	9-5/8"	NA	1179	450	78'*	
						7"	20.0	3484	980	Circ.*	O-H 3484'-3620'
Lynn B-25 Federal # 4	10-20-52	M	25-23-36	3330' KB	3743	8-5/8"	NA	1181	325	255'*	
						5-1/2"	15.5	3517	800	Circ.*	O-H 3517'-3697' Perf 34
ALBERT GACKLE											
R. M. Cowden # 2	3-9-66	I	30-23-37	3324' KB	3800	8-5/8"	24.0	275	150	Circ.*	Perf. 3631'-3669' (PBD
						4-1/2"	9.5	3800	400	1578'*	Perf. 3456'-3595'
R. M. Cowden "B" # 2	6-20-49	M	30-23-37	3343' DF	3650	8-5/8"	24.0	1237	500	Circ.	
						5-1/2"	14.0	3485	600	600'*	O-H 3485'-3650'
R. M. Cowden "B" # 3-A	8-11-49	L	30-23-37	3341' GL	3759	10-3/4"	32.7	239	250	Circ.*	
						7-5/8"	26.4	1243	500	125'*	
						5-1/2"	14.0	3523	600	1000'	O-H 3523'-3759'
R. M. Cowden C # 1A	12-8-37	A	31-23-37	3321' DF	3850	13"	NA	202	300	Circ.*	
						9"	40.0	1267	400	Circ.*	
						7"	24.0	3340	200	2320'*	Well Presently PA, O-H 3

letion ta	Location Unit	Sec-Ts-Re	Elevation	Well Total Depth, Ft.	Casing Data Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	Present Completion Interval Open Hole - Perforations, Etc.	Type Well Proposed
1-61	L	32-23-37	3313' DF	3720	7-5/8"	NA	266	180	Circ.	Perf. 3537'-3684' (PB 3400')	Prod. - (Dual
					4-1/2"	NA	3719	200	2608'*	(Jalmat 3001'-3184')	
22-50	N	25-23-36	3338' KB	3644	8-5/8"	NA	1195	400	56'*		
					5-1/2"	15.5	3472	800	Circ.*		
					4-1/2"	NA	3644	-	Liner	Liner Perf. 3492'-3644'	Prod.
30-50	J	25-23-36	3348' KB	3645	8-5/8"	NA	1214	400	Circ.*	O-H 3478'-3645' Perf. 3312'-	Prod.
					5-1/2"	15.5	3478	940	Circ.*	3367', 3-intervals	
9-51	K	25-23-36	3341' KB	3620	9-5/8"	NA	1179	450	78'*		
					7"	20.0	3484	980	Circ.*	O-H 3484'-3620'	Inj.
20-52	M	25-23-36	3330' KB	3743	8-5/8"	NA	1181	325	255'*		
					5-1/2"	15.5	3517	800	Circ.*	O-H 3517'-3697' Perf 3473'-3484'	Inj.
-66	I	30-23-37	3324' KB	3800	8-5/8"	24.0	275	150	Circ.*	Perf. 3631'-3669' (PBD 3595')	Inj.
					4-1/2"	9.5	3800	400	1578'*	Perf. 3456'-3595'	
0-49	M	30-23-37	3343' DF	3650	8-5/8"	24.0	1237	500	Circ.		
					5-1/2"	14.0	3485	600	600'*	O-H 3485'-3650'	Inj.
1-49	L	30-23-37	3341' GL	3759	10-3/4"	32.7	239	250	Circ.*		
					7-5/8"	26.4	1243	500	125'*		
					5-1/2"	14.0	3523	600	1000'	O-H 3523'-3759'	Prod.
3-37	A	31-23-37	3321' DF	3850	13"	NA	202	300	Circ.*		
					9"	40.0	1267	400	Circ.*		
					7"	24.0	3340	200	2320'*	Well Presently PA, O-H 3440'-3570'	Prod.

Operator Lease and Well No.	Completion Data	Location Unit	Sec-Ts-Re	Elevation	Well Total Depth, Ft.	Casing Data Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	Present Completion Interval Open Hole - Perforations,
R. M. Cowden "C" # 1	9-7-49	D	31-23-37	3327' DF	3650	10-3/4"	32.8	236	NA	Circ.	
						7-5/8"	26.4	1185	500	Circ.*	
						5-1/2"	14.0	3485	600	1100'	
						4-1/2"	NA	3560	100	Circ.	O-H 3560'-3648'
R. M. Cowden "C" # 2	9-30-49	E	31-23-37	3317' GL	3650	8-5/8"	24.0	1185	500	Circ.*	
						5-1/2"	14.0	3481	600	Circ.	
						4-1/2"	NA	3647	-	Liner	Liner Perf. 3459'-3647'
R. M. Cowden "C" # 3	10-23-49	F	31-23-37	3327' DF	3698	8-5/8"	28.0	1185	500	Circ.	
						5-1/2"	14.0	3480	600	Circ.	
						4-1/2"	NA	3698	70	Circ.	Perf. 3570'-3670', 4-inter
R. M. Cowden "C" # 5	3-23-50	G	31-23-37	3326' DF	3682	8-5/8"	26.0	1205	500	Circ.	
						5-1/2"	14.0	3480	600	Circ.	Liner Perf. 3560'-3659',
						4-1/2"	NA	3682	NA	Liner	3-intervals
GETTY OIL CO.											
B. F. Davis # 1	5-27-57	J	33-23-37	3282' DF	3626	8-5/8"	22.7	371	300	Circ.	
						5-1/2"	15.5	3625	800	990'	Perf. 3528'-3613', 5-inter
GREAT WESTERN DRLG. CO.											
H. Leonard "B" State # 1	9-10-38	H	32-23-37	3283' NA	3660	13"	40.0	190	190	Circ.*	
						10-3/4"	35.7	230	100	Circ.*	
						7"	NA	3350	500	801'*	O-H 3350'-3660'
H. Leonard "B" State # 2	4-21-39	D	32-23-37	3312' GL	3623	13"	NA	40	50	Circ.*	
						8-5/8"	28.0	1200	500	Circ.*	
						5-1/2"	17.0	3470	200	2585'*	Perf. 2992'-3109'
H. Leonard "B" State # 3	6-1-39	C	32-23-37	3308' GL	3564	8-5/8"	28.0	1192	500	Circ.*	
						5-1/2"	17.0	3428	200	2538'*	O-H 3423'-3564'

tion a	Location Unit	Sec-Ts-Re	Elevation	Well Total Depth, Ft.	Casing Data Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	Present Completion Interval Open Hole - Perforations, Etc.	Type Well Proposed
-49	D	31-23-37	3327' DF	3650	10-3/4"	32.8	236	NA	Circ.		
					7-5/8"	26.4	1185	500	Circ.*		
					5-1/2"	14.0	3485	600	1100'		
					4-1/2"	NA	3560	100	Circ.	O-H 3560'-3648'	Prod.
-49	E	31-23-37	3317' GL	3650	8-5/8"	24.0	1185	500	Circ.*		
					5-1/2"	14.0	3481	600	Circ.		
					4-1/2"	NA	3647	-	Liner	Liner Perf. 3459'-3647'	Inj.
23-49	F	31-23-37	3327' DF	3698	8-5/8"	28.0	1185	500	Circ.		
					5-1/2"	14.0	3480	600	Circ.		
					4-1/2"	NA	3698	70	Circ.	Perf. 3570'-3670', 4-intervals	Prod.
3-50	G	31-23-37	3326' DF	3682	8-5/8"	26.0	1205	500	Circ.		
					5-1/2"	14.0	3480	600	Circ.	Liner Perf. 3560'-3659',	Inj.
					4-1/2"	NA	3682	NA	Liner	3-intervals	
7-57	J	33-23-37	3282' DF	3626	8-5/8"	22.7	371	300	Circ.		
					5-1/2"	15.5	3625	800	990'	Perf. 3528'-3613', 5-intervals	Prod.
0-38	H	32-23-37	3283' NA	3660	13"	40.0	190	190	Circ.*		
					10-3/4"	35.7	230	100	Circ.*		
					7"	NA	3350	500	801'*	O-H 3350'-3660'	Prod.
1-39	D	32-23-37	3312' GL	3623	13"	NA	40	50	Circ.*		
					8-5/8"	28.0	1200	500	Circ.*		
					5-1/2"	17.0	3470	200	2585'*	Perf. 2992'-3109'	Prod. - (Dual
-39	C	32-23-37	3308' GL	3564	8-5/8"	28.0	1192	500	Circ.*		
					5-1/2"	17.0	3428	200	2538'*	O-H 3423'-3564'	Inj.

Operator Lease and Well No.	Completion Data	Location Unit	Sec-Ts-Re	Elevation	Well Total Depth, Ft.	Casing Data Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	Present Completion Inter Open Hole - Perforations,
H. Leonard "B" State # 4	1-4-56	B	32-23-37	3294' GL	3561	8-5/8"	24.0	331	200	Circ.*	
						5-1/2"	14.0	3508	200	2623'*	O-H 3508'-3561'
H. Leonard "B" State # 5	9-13-60	A	32-23-37	3282' GL	3720	8-5/8"	24.0	319	250	Circ.*	
						4-1/2"	16.6	3713	425	3150'	Perf. 3531'-3520', 6-inter
GULF OIL CORP.											
S. J. Carr # 2	9-14-39	E	10-24-37	3271' DF	3600	10-3/4"	51.0	255	NA	Circ.	
						7"	20.0	3367	250	2285'	O-H 3367'-3600'
S. J. Carr # 3	6-26-40	K	10-24-37	3259' GL	3580	9-5/8"	25.7	290	NA	Circ.	
						6"	16.0	3350	300	1597'*	O-H 3350'-3530'
S. J. Carr # 4	6-11-41	N	10-24-37	3258' DF	3696	9-5/8"	NA	210	NA	Circ.	
						5-1/2"	14.0	3346	350	1796'*	O-H 3346'-3500'
Carter Eaves "A" # 1	7-7-51	C	6-24-37	3327' DF	3615	13-3/8"	48.0	331	350	Circ.	
						5-1/2"	14.0	3460	1300	Circ.*	Perf. 3008'-3194'
Carter Eaves "A" # 2	3-25-54	F	6-24-37	3329' RT	3620	9-5/8"	36.0	354	400	Circ.	
						7"	20.0	3464	460	273'	O-H 3464'-3620'
Carter Eaves "B" # 1	9-9-54	N	6-24-37	3324' DF	3625	9-5/8"	36.0	363	400	Circ.*	
						7"	20.0	3419	525	741'*	O-H 3419'-3584'
B. A. Christmas # 1	12-21-53	K	6-24-37	3330' DF	3620	9-5/8"	36.0	555	400	Circ.	
						7"	20.0	3464	340	Circ.	O-H 3464'-3610'
Fowler Hair # 1	4-11-48	M	8-24-37	3296' DF	3625	9-5/8"	36.0	299	300	Circ.	O-H 3440'-3625' (BP 3210')
						7"	23.0	3440	600	379'*	(Jalmet 2886'-3123', 6-int
J. R. Holt "B" State # 1	12-16-49	I	36-23-36	3329' DF	3610	9-5/8"	36.0	322	NA	Circ.	
						5-1/2"	17.0	3450	750	1650'	O-H 3450-3610'
J. R. Holt "B" State # 2	8-6-49	P	36-23-36	3328' DF	3608	9-5/8"	36.0	307	NA	Circ.	O-H 3389'-3608'
						5-1/2"	15.5	3389	900	650'	(Jalmat 2920'-3090', 1-int

letion eta	Location Unit	Sec-Ts-Re	Elevation	Well Total Depth, Ft.	Casing Data Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	Present Completion Interval Open Hole - Perforations, Etc.	Type Well Proposed
-4-56	B	32-23-37	3294' GL	3561	8-5/8"	24.0	331	200	Circ.*		
					5-1/2"	14.0	3508	200	2623'*	O-H 3508'-3561'	Prod.
-13-60	A	32-23-37	3282' GL	3720	8-5/8"	24.0	319	250	Circ.*		
					4-1/2"	16.6	3713	425	3150'	Perf. 3531'-3520', 6-intervals	Inj.
-14-39	E	10-24-37	3271' DF	3600	10-3/4"	51.0	255	NA	Circ.		
					7"	20.0	3367	250	2285'	O-H 3367'-3500'	Inj.
-26-40	K	10-24-37	3259' GL	3580	9-5/8"	25.7	290	NA	Circ.		
					6"	16.0	3350	300	1597'*	O-H 3350'-3530'	Inj.
-11-41	N	10-24-37	3258' DF	3696	9-5/8"	NA	210	NA	Circ.		
					5-1/2"	14.0	3346	350	1796'*	O-H 3346'-3500'	Prod.
-7-51	C	6-24-37	3327' DF	3615	13-3/8"	48.0	331	350	Circ.		
					5-1/2"	14.0	3460	1300	Circ.*	Perf. 3008'-3194'	Inj. - (Dual
-25-54	F	6-24-37	3329' RT	3620	9-5/8"	36.0	354	400	Circ.		
					7"	20.0	3464	460	273'	O-H 3464'-3620'	Prod.
-9-54	N	6-24-37	3324' DF	3625	9-5/8"	36.0	363	400	Circ.*		
					7"	20.0	3419	525	741'*	O-H 3419'-3584'	Prod.
-21-53	K	6-24-37	3330' DF	3620	9-5/8"	36.0	555	400	Circ.		
					7"	20.0	3464	340	Circ.	O-H 3464'-3610'	Prod.
-11-48	M	8-24-37	3296' DF	3625	9-5/8"	36.0	299	300	Circ.	O-H 3440'-3625' (BP 3210')	Prod. - (Dua
					7"	23.0	3440	600	379'*	(Jalmat 2886'-3123', 6-intervals)	
-16-49	I	36-23-36	3329' DF	3610	9-5/8"	36.0	322	NA	Circ.		
					5-1/2"	17.0	3450	750	1650'	O-H 3450-3610'	Inj.
6-49	P	36-23-36	3328' DF	3608	9-5/8"	36.0	307	NA	Circ.	O-H 3389'-3608'	
					5-1/2"	15.5	3389	900	650'	(Jalmat 2920'-3090', 1-interval)	Prod. - (Dua

Operator Lease and Well No.	Completion Data	Location Unit	Sec-Ts-Re	Elevation	Well Total Depth, Ft.	Casing Data Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	Present Completion Interv Open Hole - Perforations,
C. E. LaMunyon Fed. # 2	5-29-40	E	29-23-37	3312' DF	3625	8-5/8"	32.0	1187	550	Circ.	
						6"	16.0	3475	125	2797'*	O-H 3475'-3625'
C. E. LaMunyon Fed. # 3	4-3-42	F	29-23-37	3305' DF	3613	8-5/8"	32.0	1172	400	33'*	
						5-1/2"	14.0	3499	550	1046'*	O-H 3499'-3613'
C. E. LaMunyon Fed. # 4	12-13-44	D	29-23-37	3309' DF	3620	9-5/8"	NA	1190	400	200'	O-H 3479'-3620' (PBD 3288'
						5-1/2"	14.0	3479	150	2540'	(Jalmat 2772'-3103', 20-in
C. E. LaMunyon Fed. # 15	4-7-51	G	29-23-37	3304' DF	3620	13-3/8"	48.0	NA	300	Circ.	
						7"	23.0	3463	650	325'	O-H 3463'-3620'
C. E. LaMunyon Fed. # 17	5-29-51	B	29-23-37	3316' DF	3620	9-5/8"	36.0	NA	250	Circ.	
						7"	20.0	3464	655	515	O-H 3464'-3620'
C. E. LaMunyon Fed. # 18	8-26-51	C	29-23-37	3308.5' DF	3615	13-3/8"	48.0	NA	375	Circ.	O-H 3470'-3615'
						7"	23.0	3470	650	Circ.	(Jalmat 2724'-3150', 13-in
JOHN H. HENDRIX											
C. E. LaMunyon Fed. # 1	12-2-57	H	29-23-37	3308' DF	3625	8-5/8"	24.0	327	175	Circ.*	
						4-1/2"	9.5	3625	1850	Circ.	Perf. 3520'-3592'
C. E. LaMunyon Fed. # 2	1-15-58	A	29-23-37	3314' DF	3635	8-5/8"	24.0	320	175	Circ.*	
						4-1/2"	9.5	3634	1960	Circ.	Perf 3526'-3538', 3546'-35
N. B. HUNT OIL CO.											
Mattix "A" Federal # 1	10-24-50	B	3-24-37	3256' DF	3564	10-3/4	40.0	255	150	Circ.	
						7"	23.0	3323	750	Circ.	O-H 3328'-3564'
Mattix "A" Federal # 2	9-14-50	A	3-24-37	3249' DF	3564	10-3/4"	40.0	256	140	Circ.	
						7"	20.0	3320	750	Circ.	O-H 3320'-3564'
Mattix "A" Federal # 3	1-9-51	H	3-24-37	3450' DF	3570	10-3/4"	40.0	250	150	Circ.	
						7"	23.0	3312	800	Circ.*	O-H 3312'-3570'

pletion Data	Location Unit	Sec-Ts-Re	Elevation	Well Total Depth, Ft.	Casing Data Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	Present Completion Interval Open Hole - Perforations, Etc.	Type Well Proposed
-29-40	E	29-23-37	3312' DF	3625	8-5/8"	32.0	1187	550	Circ.		
					6"	16.0	3475	125	2797'*	O-H 3475'-3625'	Inj.
-3-42	F	29-23-37	3305' DF	3613	8-5/8"	32.0	1172	400	33'*		
					5-1/2"	14.0	3499	550	1046'*	O-H 3499'-3613'	Prod.
2-13-44	D	29-23-37	3309' DF	3620	9-5/8"	NA	1190	400	200'	O-H 3479'-3620' (PBD 3288')	Prod. - (Dua
					5-1/2"	14.0	3479	150	2540'	(Jalmat 2772'-3103', 20-intervals)	
-7-51	G	29-23-37	3304' DF	3620	13-3/8"	48.0	NA	300	Circ.		
					7"	23.0	3463	650	325'	O-H 3463'-3620'	Inj.
-29-51	B	29-23-37	3316' DF	3620	9-5/8"	36.0	NA	250	Circ.		
					7"	20.0	3464	655	515	O-H 3464'-3620'	Prod.
-26-51	C	29-23-37	3308.5' DF	3615	13-3/8"	48.0	NA	375	Circ.	O-H 3470'-3615'	
					7"	23.0	3470	650	Circ.	(Jalmat 2724'-3150', 13-intervals)	Inj.
2-2-57	H	29-23-37	3308' DF	3625	8-5/8"	24.0	327	175	Circ.*		
					4-1/2"	9.5	3625	1850	Circ.	Perf. 3520'-3592'	Prod.
-15-58	A	29-23-37	3314' DF	3635	8-5/8"	24.0	320	175	Circ.*		
					4-1/2"	9.5	3634	1960	Circ.	Perf 3526'-3538', 3546'-3566'	Prod.
-24-50	B	3-24-37	3256' DF	3564	10-3/4	40.0	255	150	Circ.		
					7"	23.0	3323	750	Circ.	O-H 3328'-3564'	Prod.
14-50	A	3-24-37	3249' DF	3564	10-3/4"	40.0	256	140	Circ.		
					7"	20.0	3320	750	Circ.	O-H 3320'-3564'	Inj.
9-51	H	3-24-37	3450' DF	3570	10-3/4"	40.0	250	150	Circ.		
					7"	23.0	3312	800	Circ.*	O-H 3312'-3570'	Prod.

Operator Lease and Well No.	Completion Data	Location Unit	Location Sec-Ts-Re	Location Elevation	Well Total Depth, Ft.	Casing Data Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	Present Completion Inter Open Hole - Perforations,
Mattix "A" Federal # 4	11-26-51	G	3-24-37	3255' DF	3560	10-3/4"	40.0	289	150	Circ.	
						7"	23.0	3325	700	Circ.	O-H 3325'-3560'
Mattix "A" Federal # 5	3-10-52	I	3-24-37	3255' DF	3586	10-3/4"	32.0	261	150	Circ.	
						7"	23.0	3325	800	Circ.	O-H 3325'-3586'
Mattix "B" Federal # 1	12-21-37	H	10-24-37	3246' DF	3625	10-3/4"	40.0	210	210	Circ.	
						5-1/2"	17.0	3396	525	1073'*	O-H 3396'-3625'
Mattix "B" Federal # 2	7-29-40	J	10-24-37	3251' DF	3531	10"	40.0	502	250	Circ.	
						7"	23.0	3210	450	914'*	O-H 3210'-3531'
Mattix "B" Federal # 3	11-2-40	O	10-24-37	3256' DF	3530	10-3/4"	40.0	502	300	Circ.	
						7"	23.0	3259	600	199'*	O-H 3259'-3530'
Mattix "B" Federal # 4	5-22-41	G	10-24-37	3258' DF	3531	8-1/4"	32.0	510	270	Circ.	
						5-1/2"	17.0	3311	475	Circ.*	O-H 3311'-3531'
Mattix B-10 # 1	1-27-40	F	10-24-37	NA	3568	12-1/4"	NA	105	NA	Circ.	
						7"	23.0	3152	250	1877'*	O-H 3152'-3568'
Mattix B-10 # 2	4-7-53	C	10-24-37	3253' DF	3582	8-5/8"	32.0	258	200	Circ.	
						5-1/2"	15.5	3347	800	Circ.	O-H 3347'-3582'
Mattix B-10 # 3	2-5-53	B	10-24-37	3245' GL	3643	9-5/8"	36.0	254	165	Circ.	
						5-1/2"	15.5	3324	800	Circ.*	
						4"	11.6	3610	-	Liner	O-H 3470'-3610'
JOHNSON & FRENCH OIL CO.											
B. F. Davis # 1	3-20-38	O	33-23-37	3286' NA	3623	12-1/4"	50.0	249	225	Circ.*	
						8-5/8"	32.0	2577	700	583'*	
						5-1/2"	17.0	3375	100	2933'*	O-H 3375'-3623'
B. F. Davis # 2	3-30-55	P	33-23-37	3277' RT	3598	8-5/8"	24.0	297	200	Circ.	
						5-1/2"	14.0	3425	300	2097'*	O-H 3425'-3598'

letion ata	Location Unit	Sec-Ts-Re	Elevation	Well Total Depth, Ft.	Casing Data Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	Present Completion Interval Open Hole - Perforations, Etc.	Type Well Proposed
-26-51	G	3-24-37	3255' DF	3560	10-3/4"	40.0	289	150	Circ.		
					7"	23.0	3325	700	Circ.	O-H 3325'-3560'	Inj.
10-52	I	3-24-37	3255' DF	3586	10-3/4"	32.0	261	150	Circ.		
					7"	23.0	3325	800	Circ.	O-H 3325'-3586'	Inj.
-21-37	H	10-24-37	3246' DF	3625	10-3/4"	40.0	210	210	Circ.		
					5-1/2"	17.0	3396	525	1073'*	O-H 3396'-3625'	Prod.
29-40	J	10-24-37	3251' DF	3531	10"	40.0	502	250	Circ.		
					7"	23.0	3210	450	914'*	O-H 3210'-3531'	Prod.
-2-40	O	10-24-37	3256' DF	3530	10-3/4"	40.0	502	300	Circ.		
					7"	23.0	3259	600	199'*	O-H 3259'-[illegible]	Inj.
22-41	G	10-24-37	3258' DF	3531	8-1/4"	32.0	510	270	Circ.		
					5-1/2"	17.0	3311	475	Circ.*	O-H 3311'-3531'	Inj.
27-40	F	10-24-37	NA	3568	12-1/4"	NA	105	NA	Circ.		
					7"	23.0	3152	250	1877'*	O-H 3152'-3568'	Prod.
7-53	C	10-24-37	3253' DF	3582	8-5/8"	32.0	258	200	Circ.		
					5-1/2"	15.5	3347	800	Circ.	O-H 3347'-3582'	Prod.
5-53	B	10-24-37	3245' GL	3643	9-5/8"	36.0	254	165	Circ.		
					5-1/2"	15.5	3324	800	Circ.*		
					4"	11.6	3616	-	Liner	O-H 3470'-3610'	Inj.
20-38	O	33-23-37	3286' NA	3623	12-1/4"	50.0	249	225	Circ.*		
					8-5/8"	32.0	2577	700	583'*		
					5-1/2"	17.0	3375	100	2933'*	O-H 3375'-3623'	Inj.
30-55	P	33-23-37	3277' RT	3598	8-5/8"	24.0	297	200	Circ.		
					5-1/2"	14.0	3425	300	2097'*	O-H 3425'-3598'	Prod.

Operator Lease and Well No.	Completion Data	Location Unit	Sec-Ts-Re	Elevation	Well Total Depth, Ft.	Casing Data Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	Present Completion Inte Open Hole - Perforations
KING WARREN & DYE											
S. E. Toby # 1	4-11-40	L	7-24-37	3323' GL	3640	9-5/8"	36.0	357	275	Circ.*	
						7"	22.0	3451	375	1502'*	O-H 3451'-3640'
S. E. Toby # 2	7-23-47	K	7-24-37	3323' GL	3570	13-3/8"	61.0	150	200	Circ.*	
						8-5/8"	32.0	2789	700	561'*	O-H 3423'-3570'
						5-1/2"	17.0	3423	250	2317'±	(Jalmat 2872'-3100', 1-in
RALPH LOWE											
Shell State "C" # 1	3-13-47	K	36-23-36	3335' DF	3600	8-5/8"	28.0	290	150	Circ.*	
						5-1/2"	14.0	3452	200	2567'*	O-H 3452'-3600'
Shell State "C" # 2	2-13-48	N	36-23-36	3150' DF	3600	10-3/4"	40.0	290	824	Circ.	O-H 3450'-3600'
						5-1/2"	28.0	3450	300	2123'*	(Jalmat 2875')
MOBIL OIL CORP.											
Jim Camp # 1	6-2-50	D	6-24-37	3321' DF	3588	13-3/8"	40.0	352	300	Circ.	
						9-5/8"	36.0	1188	500	Circ.	
						7"	20.0	3454	650	Circ.	O-H 3454'-3588'
PETROLEUM CORP. OF TEXAS											
N. O. Lankford # 2	8-19-59	B	25-23-36	3353' DF	3628	9-5/8"	NA	341	350	Circ.*	
						4-1/2"	NA	3628	200	2133'*	Perf. 3520'-3592'
RESERVE OIL & GAS CO.											
L. Carter # 1	7-29-39	A	25-23-36	3351' DF	3641	8-5/8"	32.0	1210	150	782'*	
						5-3/16"	17.0	3459	150	2102'*	O-H 3459'-3574'
RESLER & SHELDON											
Fanning # 1	10-11-50	E	33-23-37	3280' DF	3620	15-1/2"	50.6	214	150	Circ.*	
						8-5/8"	NA	1225	100	941'*	O-H 3480'-3620' (O-H pkr.
						7"	20.0	3350	200	2330'*	(Jalmat O-H 3350'-3480')

pletion Data	Location Unit	Sec-Ts-Re	Elevation	Well Total Depth, Ft.	Casing Data Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	Present Completion Interval Open Hole - Perforations, Etc.	Type Well Proposed
-11-40	L	7-24-37	3323' GL	3640	9-5/8"	36.0	357	275	Circ.*		
					7"	22.0	3451	375	1502'*	O-H 3451'-3640'	Prod.
-23-47	K	7-24-37	3323' GL	3570	13-3/8"	61.0	150	200	Circ.*		
					8-5/8"	32.0	2789	700	561'*	O-H 3423'-3570'	
					5-1/2"	17.0	3423	250	2317'*	(Jalmat 2872'-3100', 1-interval)	Inj. - (Dual)
-13-47	K	36-23-36	3335' DF	3600	8-5/8"	28.0	290	150	Circ.*		
					5-1/2"	14.0	3452	200	2567'*	O-H 3452'-3600'	Prod.
-13-48	N	36-23-36	3150' DF	3600	10-3/4"	40.0	290	824	Circ.	O-H 3450'-3600'	
					5-1/2"	28.0	3450	300	2123'*	(Jalmat 2875')	Prod. - (Dual)
2-50	D	6-24-37	3321' DF	3588	13-3/8"	40.0	352	300-	Circ.		
					9-5/8"	36.0	1188	500	Circ.		
					7"	20.0	3454	650	Circ.	O-H 3454'-3588'	Prod.
19-59	B	25-23-36	3353' DF	3628	9-5/8"	NA	341	350	Circ.*		
					4-1/2"	NA	3628	200	2133'*	Perf. 3520'-3592'	Prod.
29-39	A	25-23-36	3351' DF	3641	8-5/8"	32.0	1210	150	782'*		
					5-3/16"	17.0	3459	150	2102'*	O-H 3459'-3574'	Inj.
-11-50	E	33-23-37	3280' DF	3620	15-1/2"	50.6	214	150	Circ.*		
					8-5/8"	NA	1225	100	941'*	O-H 3480'-3620' (O-H pkr. 3480')	
					7"	20.0	3350	200	2330'*	(Jalmat O-H 3350'-3480')	Inj.

Operator Lease and Well No.	Completion Data	Location Unit	Sec-Ts-Re	Elevation	Well Total Depth, Ft.	Casing Data Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	Present Completion Inte Open Hole - Perforations
Fanning # 3	2-27-51	F	33-23-37	3285' DF	3576	12-1/2"	NA	170	250	Circ.	
						8-5/8"	NA	1342	25	1233'*	O-H 3440'-3576' (BP 3430'
						7"	20.0	3440	600	379'*	(Jalmat 3380'-3420', 1-in
Fanning # 4	12-15-55	D	33-23-37	3298' DF	3670	8-5/8"	24.0	260	200	Circ.*	
						5-1/2"	14.0	3670	600	1015'*	Perf. 3500'-3626', 6-inte
Fanning # 5	8-13-56	C	33-23-37	3286' DF	3649	8-5/8"	24.0	NA	200	Circ.	
						5-1/2"	14.0	3649	400	1878'*	Perf 3383'-3627', 11-inte
Fanning "B" # 1	10-20-56	A	33-23-37	3306' DF	3630	10-3/4"	40.0	265	200	Circ.	
						7"	20.0	3630	400	2040'*	Perf. 3372'-3598', 4-inte
SKELLY OIL COMPANY											
J. W. Cooper # 1	7-12-41	K	12-24-36	3344' DF	3607	9-5/8"	36.0	1209	300	Circ.	
						7"	22.0	3467	300	1254'*	O-H 3467'-3607'
J. W. Cooper # 2	9-21-42	L	12-24-36	3359' DF	3675	9-5/8"	36.0	1204	300	Circ.*	
						7"	20.0	3505	200	1630'*	O-H 3565'-3675'
Liberty Royalties # 1	11-25-41	O	7-24-37	3313' DF	3595	9-5/8"	36.0	1225	300	Circ.	
						7"	20.0	3407	300	1194'*	O-H 3407'-3580'
Liberty Royalties # 2	2-16-47	P	7-24-37	3303' DF	3570	16"	43.5	138	100	Circ.	
						8-5/8"	28.0	1209	100	907'*	
						5-1/2"	17.0	3411	150	1017'*	O-H 3411'-3570'
Liberty Royalties # 3	4-28-47	I	7-24-37	3306' DF	3570	9-5/8"	36.0	1210	300	Circ.	
						7"	20.0	3410	300	1197'*	O-H 3410'-3570'
Liberty Royalties # 4	1-24-48	J	7-24-37	3308' DF	3585	9-5/8"	36.0	1205	400	Circ.	
						7"	20.0	3419	200	1545'*	O-H 3419'-3585'
Mattix "A" # 1	1-16-51	D	2-24-37	3235' DF	3565	8-5/8"	24.0	350	225	Circ.	
						5-1/2"	14.0	3398	1000	Circ.*	O-H 3398'-3565'

letion ata	Location Unit	Sec-Ts-Re	Elevation	Well Total Depth, Ft.	Casing Data Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	Present Completion Interval Open Hole - Perforations, Etc.	Type Well Proposed
27-51	F	33-23-37	3285' DF	3576	12-1/2"	NA	170	250	Circ.		
					8-5/8"	NA	1342	25	1233'*	O-H 3440'-3576' (BP 3430')	Prod.
					7"	20.0	3440	600	379'*	(Jalmat 3380'-3420', 1-interval)	
15-55	D	33-23-37	3298' DF	3670	8-5/8"	24.0	260	200	Circ.*		
					5-1/2"	14.0	3670	600	1015'*	Perf. 3500'-3626', 6-intervals	Prod.
13-56	C	33-23-37	3286' DF	3649	8-5/8"	24.0	NA	200	Circ.		
					5-1/2"	14.0	3649	400	1878'*	Perf 3383'-3627', 11-intervals	Inj.
20-56	A	33-23-37	3306' DF	3630	10-3/4"	40.0	265	200	Circ.		
					7"	20.0	3630	400	2040'*	Perf. 3372'-3598', 4-intervals	Prod.
12-41	K	12-24-36	3344' DF	3607	9-5/8"	36.0	1209	300	Circ.		
					7"	22.0	3467	300	1254'*	O-H 3467'-3607'	Inj.
21-42	L	12-24-36	3359' DF	3675	9-5/8"	36.0	1204	300	Circ.*		
					7"	20.0	3505	200	1630'*	O-H 3565'-3675'	Prod.
25-41	O	7-24-37	3313' DF	3595	9-5/8"	36.0	1225	300	Circ.		
					7"	20.0	3407	300	1194'*	O-H 3407'-3580'	Inj.
16-47	P	7-24-37	3303' DF	3570	16"	43.5	138	100	Circ.		
					8-5/8"	28.0	1209	100	907'*		
					5-1/2"	17.0	3411	150	1017'*	O-H 3411'-3570'	Prod.
28-47	I	7-24-37	3306' DF	3570	9-5/8"	36.0	1210	300	Circ.		
					7"	20.0	3410	300	1197'*	O-H 3410'-3570'	Inj.
24-48	J	7-24-37	3308' DF	3585	9-5/8"	36.0	1205	400	Circ.		
					7"	20.0	3419	200	1545'*	O-H 3419'-3585'	Prod.
16-51	D	2-24-37	3235' DF	3565	8-5/8"	24.0	350	225	Circ.		
					5-1/2"	14.0	3398	1000	Circ.*	O-H 3398'-3565'	Prod.

Operator Lease and Well No.	Completion Data	Location Unit	Sec-Ts-Re	Elevation	Well Total Depth, Ft.	Casing Data Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	Present Completion Inter Open Hole - Perforations
Mattix "A" # 2	12-10-51	E	2-24-37	3240' DF	3600	8-5/8"	32.0	363	250	Circ.	
						5-1/2"	17.0	3399	1360	Circ.	O-H 3399'-3600'
Mattix "A" # 3	2-19-52	L	2-24-37	3236' DF	3596	8-5/8"	32.0	367	250	Circ.	
						5-1/2"	15.0	3440	1322	Circ.	O-H 3440'-3596'
Mattix "A" # 4	3-21-52	K	2-24-37	3234' DF	3594	8-5/8"	28.0	389	250	Circ.	
						5-1/2"	14.0	3438	1375	Circ.	O-H 3438'-3587'
Mattix "A" # 5	2-11-52	C	2-24-37	3234' DF	3585	8-5/8"	28.0	371	300	Circ.	
						5-1/2"	14.0	3400	1587	Circ.	O-H 3400'-3585'
Mattix "A" # 6	3-16-52	F	2-24-37	3228' DF	3578	8-5/8"	24.0	372	250	Circ.	
						5-1/2"	14.0	3428	1290	Circ.	O-H 3428'-3576'
Mattix "A" # 7	4-12-53	M	2-24-37	3232' DF	3588	8-5/8"	16.5	1010	400	Circ.	
						5-1/2"	15.5	3400	200	Circ.	O-H 3400'-3588'
Mattix "A" # 8	6-22-53	N	2-24-37	3221' DF	3600	8-5/8"	16.5	1150	450	Circ.	
						5-1/2"	15.5	3500	200	2615'*	O-H 3500'-3600'
Mexico "D" # 1	8-28-48	J	36-23-36	3328' GL	3590	9-5/8"	36.0	1175	300	441'*	O-H 3400'-3590'
						7"	23.0	3400	250	2125'*	(Jalmat 2900'-3000', 1-int
Mexico "D" # 2	6-18-49	O	36-23-36	3325' GL	3648	9-5/8"	36.0	1168	400	189'*	
						7"	20.0	3385	350	1600'*	O-H 3385'-3648'
Mexico "P" # 1	6-1-52	B	2-24-37	3226' DF	3600	8-5/8"	32.0	1350	400	Circ.	
						7"	20.0	3400	200	2380'*	O-H 3400'-3600'
Mexico "P" # 2	3-21-53	G	2-24-37	3219' DF	3578	8-5/8"	24.0	1190	350	Circ.	
						7"	20.0	3480	200	1945'	O-H 3480'-3578'
S. E. Toby # 1	3-27-38	M	7-24-37	3314' DF	3666	9-5/8"	36.0	1203	300	Circ.	O-H 3440'-3666' (O-H Packe
						7"	20.0	3355	400	1314'*	(Jalmat O-H 3355'-3440')

letion ata	Location Unit	Sec-Ts-Re	Elevation	Well Total Depth, Ft.	Casing Data Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	Present Completion Interval Open Hole - Perforations, Etc.	Type Well Proposed
-10-51	E	2-24-37	3240' DF	3600	8-5/8"	32.0	363	250	Circ.		
					5-1/2"	17.0	3399	1360	Circ.	O-H 3399'-3600'	Inj.
19-52	L	2-24-37	3236' DF	3596	8-5/8"	32.0	367	250	Circ.		
					5-1/2"	15.0	3440	1322	Circ.	O-H 3440'-3596'	Prod.
21-52	K	2-24-37	3234' DF	3594	8-5/8"	28.0	389	250	Circ.		
					5-1/2"	14.0	3438	1375	Circ.	O-H 3438'-3587'	Inj.
11-52	C	2-24-37	3234' DF	3585	8-5/8"	28.0	371	300	Circ.		
					5-1/2"	14.0	3400	1587	Circ.	O-H 3400'-3585'	Inj.
16-52	F	2-24-37	3228' DF	3578	8-5/8"	24.0	372	250	Circ.		
					5-1/2"	14.0	3428	1290	Circ.	O-H 3428'-3576'	Prod.
12-53	M	2-24-37	3232' DF	3588	8-5/8"	16.5	1010	400	Circ.		
					5-1/2"	15.5	3400	200	Circ.	O-H 3400'-3588'	Prod.
22-53	N	2-24-37	3221' DF	3600	8-5/8"	16.5	1150	450	Circ.		
					5-1/2"	15.5	3500	200	2615'*	O-H 3500'-3600'	Prod.
28-48	J	36-23-36	3328' GL	3590	9-5/8"	36.0	1175	300	441'*	O-H 3400'-3590'	Prod. - (Dual
					7"	23.0	3400	250	2125'*	(Jalmat 2900'-3000', 1-interval)	
18-49	O	36-23-36	3325' GL	3648	9-5/8"	36.0	1168	400	189'*		
					7"	20.0	3385	350	1600'*	O-H 3385'-3648'	Inj.
-52	R	2-24-37	3226' DF	3600	8-5/8"	32.0	1350	400	Circ.		
					7"	20.0	3400	200	2380'*	O-H 3400'-3600'	Prod.
1-56	G	2-24-37	3219' DF	3578	8-5/8"	24.0	1190	350	Circ.		
					7"	20.0	3480	200	1945'	O-H 3480'-3578'	Inj.
7-38	M	7-24-37	3314' DF	3666	9-5/8"	36.0	1203	300	Circ.	O-H 3440'-3666' (O-H Packer 3440')	Inj. - (Dual)
					7"	20.0	3355	400	1314'*	(Jalmat O-H 3355'-3440')	

Operator Lease and Well No.	Completion Data	Location Unit	Location Sec-Ts-Re	Location Elevation	Well Total Depth, Ft.	Casing Data Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	Present Completion I Open Hole - Perforati
S. E. Toby # 2	9-16-41	N	7-24-37	3312' DF	3630	9-5/8"	36.0	1211	200	Circ.	
						7"	22.0	3427	250	2197'*	O-H 3427'-3630'
TEXACO INC.											
E. E. Blinebry "A" (NCT-1) # 1	6-11-50	J	31-23-37	3318' DF	3618	9-5/8"	32.3	1189	700	Circ.*	
						7"	20.0	3447	525	769'*	O-H 3447'-3618'
E. E. Blinebry "A" (NCT-1) # 2	11-13-60	I	31-23-37	3319' DF	3663	8-5/8"	24.0	1161	400	Circ.	Perf. 3510'-3618', 9-in
						5-1/2"	14.0	3663	300	2335'*	(Jalmat 3037'-3220', 8-
E. E. Blinebry "A" (NCT-1) # 3	4-1-61	P	31-23-37	3317' DF	3670	10-3/4"	24.0	294	250	Circ.	
						7-5/8"	24.0	1164	400	Circ.*	
						2-7/8"	6.4	3670	400	1732'*	Perf. 3542'-3648', 8-in
E. E. Blinebry "B" (NCT-1) # 1	6-19-49	L	31-23-37	3327' DF	3608	9-5/8"	32.0	1195	770	Circ.	
						7"	20.0	3450	525	772'*	O-H 3450'-3608'
E. E. Blinebry "B" (NCT-1) # 2	10-23-49	M	31-23-37	3323' DF	3608	9-5/8"	32.0	1191	700	Circ.	
						7"	20.0	3470	525	791'*	O-H 3470'-3608'
E. E. Blinebry "B" (NCT-1) # 3	1-20-50	K	31-23-37	3323' DF	3608	9-5/8"	32.0	1181	700	Circ.	
						7"	20.0	3440	525	761'*	O-H 3440'-3608'
E. E. Blinebry "B" (NCT-1) # 4	9-23-50	O	31-23-37	3324' DF	3645	9-5/8"	32.2	1186	700	Circ.*	
						7"	20.0	3450	525	771'*	O-H 3505'-3645' (Packer
						4-1/2"	9.5	3645	-	Liner	(Jalmat 3008'-3160', 2-

Completion Data	Location Unit	Sec-Ts-Re	Elevation	Well Total Depth, Ft.	Casing Data Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	Present Completion Interval Open Hole - Perforations, Etc.	Type We Propos
9-16-41	N	7-24-37	3312' DF	3630	9-5/8"	36.0	1211	200	Circ.		
					7"	22.0	3427	250	2197'*	O-H 3427'-3630'	Prod.
6-11-50	J	31-23-37	3318' DF	3618	9-5/8"	32.3	1189	700	Circ.*		
					7"	20.0	3447	525	769'*	O-H 3447'-3618'	Prod.
11-13-60	I	31-23-37	3319' DF	3663	8-5/8"	24.0	1161	400	Circ.	Perf. 3510'-3618', 9-intervals	Inj. - (Dual
					5-1/2"	14.0	3663	300	2335'*	(Jalmat 3037'-3220', 8-intervals)	
4-1-61	P	31-23-37	3317' DF	3670	10-3/4"	24.0	294	250	Circ.		
					7-5/8"	24.0	1164	400	Circ.*		
					2-7/8"	6.4	3670	400	1732'*	Perf. 3542'-3648', 3-intervals	Prod.
6-19-49	L	31-23-37	3327' DF	3608	9-5/8"	32.0	1195	770	Circ.		
					7"	20.0	3450	525	772'*	O-H 3450'-3608'	Prod.
10-23-49	M	31-23-37	3323' DF	3608	9-5/8"	32.0	1191	700	Circ.		
					7"	20.0	3470	525	791'*	O-H 3470'-3608'	Inj.
1-20-50	K	31-23-37	3323' DF	3608	9-5/8"	32.0	1181	700	Circ.		
					7"	20.0	3440	525	761'*	O-H 3440'-3608'	Inj.
9-23-50	O	31-23-37	3324' DF	3645	9-5/8"	32.2	1186	700	Circ.*		
					7"	20.0	3450	525	771'*	O-H 3505'-3645' (Packer 3397')	Inj.
					4-1/2"	9.5	3645	-	Liner	(Jalmat 3008'-3160', 2-intervals)	

Operator Lease and Well No.	Completion Data	Location Unit	Sec-Ts-Rs	Elevation	Well Total Depth, Ft.	Casing Data Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	Present Completion Inte Open Hole - Perforations
E. E. Blinebry "B" (NCT-1) # 5	10-22-51	N	31-23-37	3315' DF	3625	13"	48.0	275	275	Circ.	
						9-5/8"	32.0	1195	700	Circ.	
						7"	20.0	3453	525	774'*	O-H 3453'-3625'
E. D. Fanning # 1	9-4-36	P	4-24-37	3281' GL	3701	12-1/4"	50.0	201	150	Circ.	
						8-1/4"	32.0	1250	300	483'*	
						7"	24.0	3450	100	1941'*	O-H 3450'-3656'
E. D. Fanning # 2	10-17-38	B	4-24-37	3277' DF	3620	13"	40.0	416	50	326'*	
						8-5/8"	28.0	1243	100	959'*	
						7"	24.0	3349	125	2712'*	O-H 3349'-3605'
E. D. Fanning # 3	8-25-44	H	5-24-37	3281' DF	3588	13"	50.0	174	85	Circ.	
						10-3/4"	32.0	593	NA	NA	
						8-5/8"	28.0	1289	85	917'*	
						5-1/2"	14.0	3430	200	2545'*	O-H 3430'-3588'
E. D. Fanning # 4	12-13-44	E	4-24-37	3277' DF	3590	8-5/8"	28.0	1341	400	134'*	
						5-1/2"	14.0	3400	100	1804'*	O-H 3400'-3547'
E. D. Fanning # 5	6-10-54	A	5-24-37	3292' RT	3611	8-5/8"	32.0	1180	950	Circ.*	
						5-1/2"	17.0	3410	450	Circ.*	O-H 3410'-3611'
E. D. Fanning # 6	4-12-60	D	4-24-37	3285' DF	3680	7-5/8"	24.0	400	300	Circ.*	Perf. 3498'-3597', 4-int
						4-1/2"	10.0	3680	400	760'*	(Packer at 3300') (Jalma 3078', 11-intervals)
E. D. Fanning # 7	7-21-61	G	5-24-37	3294' DF	3687	7-5/8"	24.0	1175	580	Circ.	Perf. 3509'-3639', 6-int
						4-1/2"	10.0	3687	500	517'	(BP 3239') (Jalmat 3064' 1-interval)
St. N. Mex. "B" (NCT-4) # 1	10-26-61	M	32-23-37	3313' DF	3676	10-3/4"	21.0	298	250	Circ.	
						7-5/8"	24.0	1184	400	Circ.*	
						3-1/2"	6.0	3676	250	2143'*	Perf 3498'-3596' 7-inter

pletion Data	Location Unit	Sec-Ts-Re	Elevation	Well Total Depth, Ft.	Casing Data Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	Present Completion Interval Open Hole - Perforations, Etc.	Type Wel Propose
0-22-51	N	31-23-37	3315' DF	3625	13"	48.0	275	275	Circ.		
					9-5/8"	32.0	1195	700	Circ.		
					7"	20.0	3453	525	774'*	O-H 3453'-3625'	Prod.
-4-36	P	4-24-37	3281' GL	3701	12-1/4"	50.0	201	150	Circ.		
					8-1/4"	32.0	1250	300	483'*		
					7"	24.0	3450	100	1941'*	O-H 3450'-3656'	Prod.
9-17-38	B	4-24-37	3277' DF	3620	13"	40.0	416	50	326'*		
					8-5/8"	28.0	1243	100	959'*		
					7"	24.0	3349	125	2712'*	O-H 3349'-3605'	Prod.
25-44	H	5-24-37	3281' DF	3588	13"	50.0	174	85	Circ.		
					10-3/4"	32.0	593	NA	NA		
					8-5/8"	28.0	1289	85	917'*		
					5-1/2"	14.0	3430	200	2545'*	O-H 3430'-3588'	Prod.
-13-44	E	4-24-37	3277' DF	3590	8-5/8"	28.0	1341	400	134'*		
					5-1/2"	14.0	3400	100	1804'*	O-H 3400'-3547'	Inj.
10-54	A	5-24-37	3292' RT	3611	8-5/8"	32.0	1180	950	Circ.*		
					5-1/2"	17.0	3410	450	Circ.*	O-H 3410'-3611'	Prod.
12-60	D	4-24-37	3285' DF	3680	7-5/8"	24.0	400	300	Circ.*	Perf. 3498'-3597', 4-intervals	Prod.
					4-1/2"	10.0	3680	400	760'*	(Packer at 3300') (Jalmat 2710'-3078', 11-intervals)	
21-61	G	5-24-37	3294' DF	3687	7-5/8"	24.0	1175	580	Circ.	Perf. 3509'-3639', 6-intervals	Inj. - (D
					4-1/2"	10.0	3687	500	517'	(BP 3239') (Jalmat 3064'-3100' 1-interval)	
26-61	M	32-23-37	3313' DF	3676	10-3/4"	21.0	298	250	Circ.		
					7-5/8"	24.0	1184	400	Circ.*		
					3-1/2"	6.0	3676	250	2143'*	Perf 3498'-3596' 7-intervals	Inj.

Operator Lease and Well No.	Completion Data	Location Unit	Sec-Ts-Re	Elevation	Well Total Depth, Ft.	Casing Data Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	Present Completion Inte Open Hole - Perforations
St. N. Mex. "B" (NCT-4) # 2	12-13-61	N	32-23-37	3304' DF	3669	10-3/4"	21.0	278	250	Circ.	
						7-5/8"	15.0	1174	400	Circ.*	
						2-7/8"	6.0	3669	250	2338'*	Perf. 3459'-3538', 6-int
J. D. Young # 1	12-6-36	P	5-24-37	3277' GL	3647	15-1/2"	70.0	23	50	Circ.	
						8-1/4"	32.0	1293	434	Circ.	
						7"	24.0	3446	100	2936'*	O-H 3446'-3589'
J. D. Young # 2	5-2-44	I	5-24-37	3278' DF	3633	8-5/8"	28.0	1206	250	452'*	
						7"	20.0	1383	29	1513'*	
						5-1/2"	14.0	3488	100	3046'*	
						4-1/2"	NA	3633	-	Liner	O-H 3488'-3633'
J. D. Young # 3	5-26-55	O	5-24-37	3239' DF	3570	9-5/8"	32.0	1160	750	Circ.	O-H 3455'-3570' (Packer
						7"	20.0	3455	450	1159'*	(Jalmat 2945'-3105')
TEXAS PACIFIC OIL CO.											
Blinebry "A" # 1	3-29-40	H	30-23-37	3323' GL	3636	9-5/8"	40.0	1197	500	Circ.*	
						7"	24.0	3474	250	2199'*	O-H 3474'-3636'
Blinebry "A" # 2	11-8-40	D	30-23-37	3347' GL	3616	13"	NA	220	165	58'	
						9-5/8"	NA	2810	500	1586'*	
						7"	NA	3480	100	1970'*	O-H 3480'-3616'
Blinebry "A" # 3	6-10-41	L	29-23-37	3323' GL	3575	9-5/8"	36.0	650	250	30'*	
						5-1/2"	17.0	3440	600	784'*	O-H 3440'-3575'
Blinebry "A" # 4	7-15-41	K	29-23-37	3316' DF	3615	8-5/8"	32.0	650	250	Circ.*	
						5-1/2"	17.0	3474	600	818'*	O-H 3474'-3615'
Blinebry "A" # 5	4-28-45	A	30-23-37	3330' GR	3621	10-3/4"	32.0	700	300	Circ.*	
						7"	20.0	3510	200	2490'*	O-H 3510'-3621'
Blinebry "A" # 6	7-16-45	B	30-23-37	3321' GR	3620	8-5/8"	26.0	733	300	Circ.*	
						5-1/2"	14.0	3476	200	2591'*	O-H 3476'-3620'

pletion	Location			Well Total	Casing Data					Present Completion Interval	Type Well
Data	Unit	Sec-Ts-Re	Elevation	Depth, Ft.	Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	Open Hole - Perforations, Etc.	Proposed
2-13-61	N	32-23-37	3304' DF	3669	10-3/4"	21.0	278	250	Circ.		
					7-5/8"	15.0	1174	400	Circ.*		
					2-7/8"	6.0	3669	250	2338'*	Perf. 3459'-3538', 6-intervals	Prod.
2-6-36	P	5-24-37	3277' GL	3647	15-1/2"	70.0	23	50	Circ.		
					8-1/4"	32.0	1293	434	Circ.		
					7"	24.0	3446	100	2936'*	O-H 3446'-3589'	Prod.
-2-44	I	5-24-37	3278' DF	3633	8-5/8"	28.0	1206	250	452'*		
					7"	20.0	1383	29	1513'*		
					5-1/2"	14.0	3488	100	3046'*		
					4-1/2"	NA	3633	-	Liner	O-H 3488'-3633'	Prod.
26-55	O	5-24-37	3239' DF	3570	9-5/8"	32.0	1160	750	Circ.	O-H 3455'-3570' (Packer 3400')	Inj. - (Dua
					7"	20.0	3455	450	1159'*	(Jalmat 2945 -3105')	
29-40	H	30-23-37	3323' GL	3636	9-5/8"	40.0	1197	500	Circ.*		
					7"	24.0	3474	250	2199'*	O-H 3474'-3636'	Prod.
-8-40	D	30-23-37	3347' GL	3616	13"	NA	220	165	58'		
					9-5/8"	NA	2810	500	1586'*		
					7"	NA	3480	100	1970'*	O-H 3480'-3616'	Prod. - (Du
10-41	L	29-23-37	3323' GL	3575	9-5/8"	36.0	650	250	30'*		
					5-1/2"	17.0	3440	600	784'*	O-H 3440'-3575'	Prod.
15-41	K	29-23-37	3316' DF	3615	8-5/8"	32.0	650	250	Circ.*		
					5-1/2"	17.0	3474	600	818'*	O-H 3474'-3615'	Inj.
28-45	A	30-23-37	3330' GR	3621	10-3/4"	32.0	700	300	Circ.*		
					7"	20.0	3510	200	2490'*	O-H 3510'-3621'	Prod.
16-45	B	30-23-37	3321' GR	3620	8-5/8"	26.0	733	300	Circ.*		
					5-1/2"	14.0	3476	200	2591'*	O-H 3476'-3620'	Prod.

Operator Lease and Well No.	Completion Data	Location Unit	Sec-Ts-Re	Elevation	Well Total Depth, Ft.	Casing Data Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	Present Completion Inter Open Hole - Perforations,
Blinebry "A" # 9	9-12-60	D	30-23-37	3346' GR	3629	8-5/8"	32.0	305	225	Circ.*	
						5-1/2"	15.5	3628	550	1193'*	Perf. 3536'-3616', 6-inte
Blinebry "A" # 10	5-5-61	C	30-23-37	3334' DF	3629	8-5/8"	24.0	328	300	Circ.*	
						5-1/2"	14.0	3628	NA	2300'*	Perf. 3530'-3576', 2-inte
Blinebry "A" # 11	6-20-61	E	30-23-37	3360' DF	3662	8-5/8"	24.0	330	300	Circ.*	
						5-1/2"	14.0	3662	300	2334'*	Perf. 3572'-3624', 3-inte
Blinebry "A" # 12	1-21-62	F	30-23-37	3351' DF	3651	8-5/8"	24.0	327	300	Circ.*	
						5-1/2"	14.0	3651	300	2326'*	Perf 3568'-3624', 3-interv
Blinebry "B" # 1	1-24-41	M	34-23-37	3272' GL	3571	13"	40.0	336	250	42'*	
						9-5/8"	34.0	2540	500	717'*	
						7"	24.0	3435	100	2925'*	O-H 3435'-3571'
Blinebry "B" # 2	12-9-50	N	34-23-37	3268' DF	3570	10-3/4"	32.0	295	150	Circ.*	
						5-1/2"	17.0	3306	400	Circ.	O-H 3306'-3570'
Blinebry "B" # 3	3-15-54	C	34-23-37	3300' DF	9812	13-3/8"	54.0	309	300	Circ.*	
						9-5/8"	36.0	2871	2500	Circ.	O-H 2871'-3550'
Blinebry "B" # 4	6-7-61	L	34-23-37	3272' DF	3595	8-5/8"	24.0	331	300	Circ.	
						5-1/2"	14.0	3595	300	2267'*	Perf 3542'-3570', 2-inter
Blinebry "B" # 5	7-12-61	E	34-23-37	3285' DF	3616	8-5/8"	24.0	330	300	Circ.	
						5-1/2"	14.0	3615	300	2287'*	Perf 3537'-3562', 2-interv
Blinebry "B" # 6	7-4-61	K	34-23-37	3270' DF	3572	8-5/8"	24.0	350	300	Circ.	
						5-1/2"	14.0	3572	300	2244'*	Perf. 3488'-3559', 4-inte
Blinebry "B" # 7	9-9-61	F	34-23-37	3280' DF	3586	8-5/8"	24.0	323	300	Circ.	
						5-1/2"	14.0	3586	300	2258'*	Perf. 3502'-3566', 4-inte
Blinebry "B" # 8	10-8-51	D	34-23-37	3297' DF	3598	8-5/8"	24.0	322	300	Circ.	
						5-1/2"	14.0	3598	300	2920'*	Perf. 3508'-3549', 4-inte

pletion Data	Location Unit	Sec-Tc-Re	Elevation	Well Total Depth, Ft.	Casing Data Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	Present Completion Interval Open Hole - Perforations, Etc.	Type Well Proposed
-12-60	D	30-23-37	3346' GR	3629	8-5/8"	32.0	305	225	Circ.*		
					5-1/2"	15.5	3628	550	1193'*	Perf. 3536'-3616', 6-intervals	Prod.
-5-61	C	30-23-37	3334' DF	3629	8-5/8"	24.0	328	300	Circ.*		
					5-1/2"	14.0	3628	NA	2300'*	Perf. 3530'-3576', 2-intervals	Inj.
-20-61	E	30-23-37	3360' DF	3662	8-5/8"	24.0	330	300	Circ.*		
					5-1/2"	14.0	3662	300	2334'*	Perf. 3572'-3624', 3-intervals	Inj.
-21-62	F	30-23-37	3351' DF	3651	8-5/8"	24.0	327	300	Circ.*		
					5-1/2"	14.0	3651	300	2326'*	Perf 3568'-3624', 3-intervals	Prod.
-24-41	M	34-23-37	3272' GL	3571	13"	40.0	336	250	42'*		
					9-5/8"	34.0	2540	500	717'*		
					7"	24.0	3435	100	2925'*	O-H 3435'-3571'	Prod.
2-9-50	N	34-23-37	3268' DF	3570	10-3/4"	32.0	295	150	Circ.*		
					5-1/2"	17.0	3306	400	Circ.	O-H 3306'-3570'	Prod.
-15-54	C	34-23-37	3300' DF	9812	13-3/8"	54.0	309	300	Circ.*		
					9-5/8"	36.0	2871	2500	Circ.	O-H 2871'-3550'	Prod.
7-61	L	34-23-37	3272' DF	3595	8-5/8"	24.0	331	300	Circ.		
					5-1/2"	14.0	3595	300	2267'*	Perf 3542'-3570', 2-intervals	Inj.
12-61	E	34-23-37	3285' DF	3616	8-5/8"	24.0	330	300	Circ.		
					5-1/2"	14.0	3615	300	2287'*	Perf 3537'-3562', 2-intervals	Prod.
4-61	K	34-23-37	3270' DF	3572	8-5/8"	24.0	350	300	Circ.		
					5-1/2"	14.0	3572	300	2244'*	Perf. 3488'-3559', 4-intervals	Prod.
9-61	F	34-23-37	3280' DF	3586	8-5/8"	24.0	323	300	Circ.		
					5-1/2"	14.0	3586	300	2258'*	Perf. 3502'-3566', 4-intervals	Prod.
-8-61	D	34-23-37	3297' DF	3598	8-5/8"	24.0	322	300	Circ.		
					5-1/2"	14.0	3598	300	2920'*	Perf. 3508'-3549', 4-intervals	Inj.

Operator Lease and Well No.	Completion Data	Location Unit	Sec-Ts-Re	Elevation	Well Total Depth, Ft.	Casing Data Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	Present Completion Inte Open Hole - Perforations
Eva Blinebry # 1	2-12-39	M	29-23-37	3305' GL	3633	9-5/8"	19.5	1272	500	48'*	
						7"	22.0	3446	250	2171'*	O-H 3446'-3633'
Eva Blinebry # 2	7-19-39	N	29-23-37	3304' GL	3630	9-5/8"	25.7	1223	500	Circ.*	
						7"	22.0	3484	300	1954'*	O-H 3484'-3630'
O. M. Hodge # 1	5-27-51	H	8-24-37	3268' GL	3580	8-5/8"	24.0	1198	625	Circ.*	
						5-1/2"	17.0	2638	600	Circ.*	O-H 3532'-3580' Liner. P
						4"	12.4	3532	100	3438'	3410'-3528'
O. M. Hodge # 3	9-12-54	B	8-24-37	3286' GL	3561	8-5/8"	23.0	286	225	Circ.	
						5-1/2"	15.5	3390	300	245'*	O-H 3390'-3561'
O. M. Hodge # 4	10-16-54	G	8-24-37	3296' DF	3537	8-5/8"	24.0	298	225	Circ.	
						5-1/2"	15.5	3400	300	245'*	O-H 3400'-3537'
O. M. Hodge # 5	12-1-54	A	8-24-37	3283' DF	3561	8-5/8"	24.0	289	225	Circ.*	
						5-1/2"	15.5	3398	300	244'*	O-H 3398'-3561'
Jack Federal # 1	1-10-51	E	8-24-37	3305' GL	3600	10-3/4"	40.0	323	200	Circ.*	
						5-1/2"	15.5	3460	300	2132'*	O-H 3460'-3600'
Jack Federal # 2	1-27-55	F	8-24-37	3299' DF	3560	9-5/8"	32.0	288	225	Circ.	
						7"	20.0	3410	300	1880'*	O-H 3410'-3560'
Jack Federal # 3	2-18-55	C	8-24-37	3298' DF	3562	8-5/8"	23.0	297	225	Circ.*	
						5-1/2"	15.5	3420	300	285'*	O-H 3420'-3562'
Jack Federal # 4	3-17-55	D	8-24-37	3311' DF	3572	9-5/8"	36.0	285	250	Circ.	
						7"	23.0	3400	300	159'*	O-H 3400'-3572'
Courtland Meyers # 1	8-5-54	J	6-24-37	3322' DF	3589	10-3/4"	32.7	387	250	Circ.	O-H 3477'-3589'
						7"	23.0	3477	300	1947'*	(Jalmat 3064'-3196', 5-i
Courtland Meyers # 2	11-1-54	P	5-24-37	3316' DF	3561	10-3/4"	32.0	391	250	Circ.	O-H 3455'-3561'
						7"	23.0	3455	350	1669'*	(Jalmat 3107'-3152', 4-i

pletion Data	Location Unit	Sec-Ts-Re	Elevation	Well Total Depth, Ft.	Casing Data Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	Present Completion Interval Open Hole - Perforations, Etc.	Type Well Proposed
2-12-39	M	29-23-37	3305' GL	3633	9-5/8"	19.5	1272	500	48'*		
					7"	22.0	3446	250	2171'*	O-H 3446'-3633'	Inj.
7-19-39	N	29-23-37	3304' GL	3630	9-5/8"	25.7	1223	500	Circ.*		
					7"	22.0	3484	300	1954'*	O-H 3484'-3630'	Prod.
5-27-51	H	8-24-37	3268' GL	3580	8-5/8"	24.0	1198	625	Circ.*		
					5-1/2"	17.0	2638	600	Circ.*	O-H 3532'-3580' Liner. Perf.	Prod.
					4"	12.4	3532	100	3438'	3410'-3528'	
9-12-54	B	8-24-37	3286' GL	3561	8-5/8"	23.0	286	225	Circ.		
					5-1/2"	15.5	3390	300	245'*	O-H 3390'-3561'	Prod.
10-16-54	G	8-24-37	3296' DF	3537	8-5/8"	24.0	298	225	Circ.		
					5-1/2"	15.5	3400	300	245'*	O-H 3400'-3537'	Inj.
12-1-54	A	8-24-37	3283' DF	3561	8-5/8"	24.0	289	225	Circ.*		
					5-1/2"	15.5	3398	300	244'*	O-H 3398'-3561'	Inj.
1-10-51	E	8-24-37	3305' GL	3600	10-3/4"	40.0	323	200	Circ.*		
					5-1/2"	15.5	3460	300	2132'*	O-H 3460'-3600'	Inj. - (D
1-27-55	F	8-24-37	3299' DF	3560	9-5/8"	32.0	288	225	Circ.		
					7"	20.0	3410	300	1880'*	O-H 3410'-3560'	Prod.
1-18-55	C	8-24-37	3298' DF	3562	8-5/8"	23.0	297	225	Circ.*		
					5-1/2"	15.5	3420	300	285'*	O-H 3420'-3562'	Inj.
1-17-55	D	8-24-37	3311' DF	3572	9-5/8"	36.0	285	250	Circ.		
					7"	23.0	3400	300	159'*	O-H 3400'-3572'	Prod.
1-5-54	J	6-24-37	3322' DF	3589	10-3/4"	32.7	387	250	Circ.	O-H 3477'-3589'	Prod. - (
					7"	23.0	3477	300	1947'*	(Jalmat 3064'-3196', 5-intervals)	
1-1-54	P	5-24-37	3316' DF	3561	10-3/4"	32.0	391	250	Circ.	O-H 3455'-3561'	Inj. - (D
					7"	23.0	3455	350	1669'*	(Jalmat 3107'-3152', 4-intervals)	

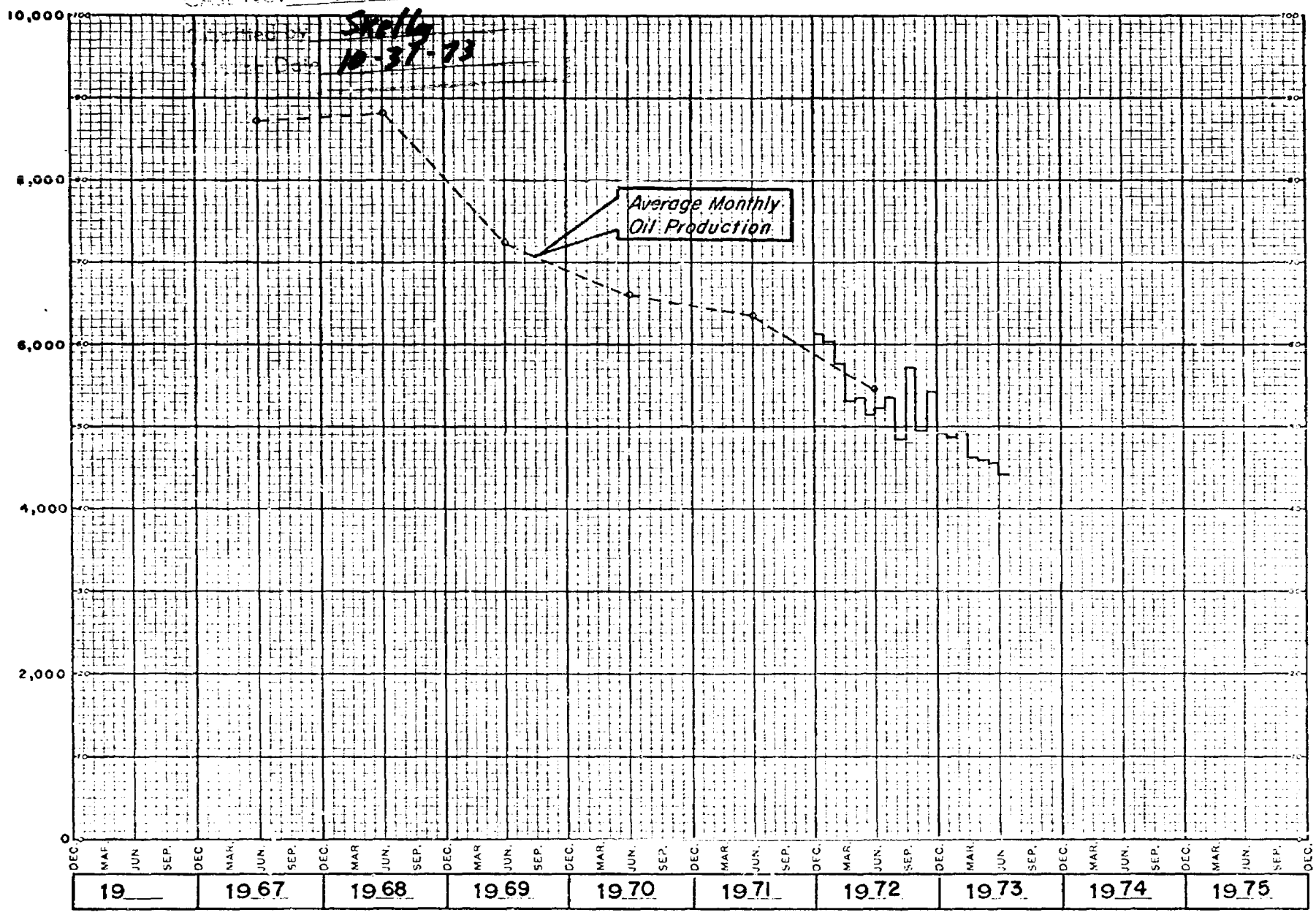
Operator Lease and Well No.	Completion Data	Location Unit	Sec-Ts-Re	Elevation	Well Total Depth, Ft.	Casing Data Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	Present Completion Inte Open Hole - Perforations
Courtland Meyers # 3	1-25-56	N	5-24-37	3405' DF	3621	10-3/4"	32.7	1086	600	Circ.	
						7"	20.0	3620	250	2345'*	Perf. 3442'-3510', 4-int
Courtland Meyers # 4	10-6-56	P	6-24-37	3320' DF	3627	9-5/8"	30.0	350	250	Circ.	
						5-1/2"	15.5	3627	300	2299'*	Perf. 3516'-3590', 3-int
Courtland Meyers # 5	6-22-61	O	6-24-37	3323' DF	3620	8-5/8"	24.0	349	300	Circ.	
						5-1/2"	14.0	3620	250	2514'*	Perf. 3538'-3617', 2-int
Courtland Meyers # 6	5-8-61	H	6-24-37	3319' DF	3630	8-5/8"	24.0	326	300	Circ.	
						5-1/2"	14.0	3630	250	2501'*	Perf. 3551'-3620', 2-int
Courtland Meyers # 7	6-11-61	L	5-24-37	3311' DF	3625	8-5/8"	24.0	334	300	Circ.	
						5-1/2"	14.0	3621	250	2515'*	Perf 3552'-3607', 3-inte
Courtland Meyers # 8	7-21-61	K	5-24-37	3306' DF	3597	8-5/8"	24.0	327	300	Circ.	
						5-1/2"	14.0	3597	300	1691'	Perf. 3534'-3588', 4-int

* Top of Cement Calculated

pletion Data	Location Unit	Sec-Ts-Re	Elevation	Well Total Depth, Ft.	Casing Data Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	Present Completion Interval Open Hole - Perforations, Etc.	Type Well Proposed
1-25-56	N	5-24-37	3405' DF	3621	10-3/4"	32.7	1086	600	Circ.		
					7"	20.0	3620	250	2345'*	Perf. 3442'-3510', 4-intervals	Prod.
10-6-56	P	6-24-37	3320' DF	3627	9-5/8"	30.0	350	250	Circ.		
					5-1/2"	15.5	3627	300	2299'*	Perf. 3516'-3590', 3-intervals	Prod.
5-22-61	O	6-24-37	3323' DF	3620	8-5/8"	24.0	349	300	Circ.		
					5-1/2"	14.0	3620	250	2514'*	Perf. 3538'-3617', 2-intervals	Inj.
6-8-61	H	6-24-37	3319' DF	3630	8-5/8"	24.0	326	300	Circ.		
					5-1/2"	14.0	3630	250	2501'*	Perf. 3551'-3620', 2-intervals	Inj.
6-11-61	L	5-24-37	3311' DF	3625	8-5/8"	24.0	334	300	Circ.		
					5-1/2"	14.0	3623	250	2515'*	Perf 3552'-3607', 3-intervals	Prod.
6-21-61	K	5-24-37	3306' DF	3597	8-5/8"	24.0	327	300	Circ.		
					5-1/2"	14.0	3597	300	1691'	Perf. 3534'-3588', 4-intervals	Inj.

BEFORE EXAMINER STEVENS
OIL CONSERVATION COMMISSION
EXHIBIT NO. 6
CASE NO. 5087

PRIMARY PERFORMANCE GRAPH
Myers Langlie Mattix Unit
OPERATOR–SKELLY OIL COMPANY
Monthly Oil Production — BOPM



SUPPLEMENTAL
WELL DATA

MYERS LANGLIE MATTIX UNIT

Operator Lease and Well Number	Completion Date	Oil Production Rate B/D Initial	 July 73	Production to 1-1-73
AMERADA HESS CORPORATION				
O. M. Hodges # 1	11-30-41	36	JG	28,809
O. M. Hodges # 2	4-19-55	144	0	19,498
State LMA Com # 1	12-23-53	41	1.6	58,361
State LMA Com # 2	11-1-57	10	0	10,410
State LMT # 1	3-24-46	53	0	56,070
State LMT # 2	12-21-48	9	JG	20,994
State LMT # 3	1-27-49	121	1.1	89,315
State LMT # 4	2-27-49	141	0.9	85,197
State LMT # 5	4-24-49	179	0	76,122
State LMT # 6	6-14-49	58	0	38,138
State LMT # 7A	7-19-49	37	2.0	72,319
State LMT # 8	8-31-49	53	0	44,163
	TOTAL AMERADA HESS		5.6	599,396
AMOCO PRODUCTION COMPANY				
Meyers B Federal # 2	6-8-37	NA	JG	87,515
Meyers B Federal # 3	7-12-37	31	1.2	40,144
Meyers B Federal # 5	8-9-38	NA	0	27,526
Meyers B Federal # 6	9-25-40	64	0	41,514
Meyers B Federal # 8	9-27-47	27	0	56,773
Meyers B Federal # 9	12-24-47	5	0	8,971
*Meyers B Federal # 10	6-9-48	101	0	1,700
*Meyers B Federal # 11	5-18-52	12	JG	2,558
*Meyers B Federal # 13	1-21-57	7	JG	2,252
Meyers B Federal # 15	1-7-62	41	0	11,365
Meyers B Federal # 16	1-22-62	80	0	19,003
Meyers B Federal # 17	2-12-62	62	0	14,242
Meyers B Federal # 18	2-4-62	42	0	16,153
Meyers B Federal # 19	3-17-62	38	0	9,623
Meyers B Federal # 20	2-20-62	56	0.4	15,218
Meyers B Federal # 21	3-8-62	10	0	9,594
Meyers B Federal # 22	4-13-62	22	0	7,266
Meyers B Federal # 23	3-1-62	64	0	19,329
	TOTAL AMOCO		1.6	390,746
ATLANTIC RICHFIELD COMPANY				
L. Carter # 1	11-9-37	56	0	62,746
W. N. Cooper # 1	7-23-40	35	JG	107,448
W. N. Cooper # 2	10-6-41	60	JG	21,336
Fowler Hair # 1	6-26-37	580	PA	89,890
Fowler Hair # 2	8-15-38	NA	JG	0
Toby # 1	2-15-37	20	JG	152,564
Toby # 2	1-3-40	115	0.4	113,620
Toby # 3	9-14-40	120	0	121,066
	TOTAL ARCO		0.4	668,670
FRANK BATEMAN				
Davis # 1	10-1-38	67	0.4	23,060
TOM BROWN, INC.				
LaMunyon Fed. # 1	2-23-60	52	5.0	40,483
W. K. BYROM				
Davis # 1	2-29-56	12	1.9	25,912
Davis # 2	3-17-56	60	0.7	29,876
Davis B # 1	4-28-56	50	0	26,570

Operator Lease and Well Number	Completion Date	Oil Production Rate B/D Initial	 July 73	Production to 1-1-73
Sinclair Carter # 1	7-19-56	135	1.6	32,510
	TOTAL W. K. BYROM		4.2	114,868
RALPH CLARKE, ET AL				
Imperial Royalties # 1	3-10-38	169	0.7	62,240
CONTINENTAL-EMSCO COMPANY				
Fowler Hair # 1	7-26-55	192	4.8	46,573
Fowler Hair A # 1	8-15-55	200	0	10,675
	TOTAL CONTINENTAL-EMSCO		4.8	57,248
CONTINENTAL OIL COMPANY				
Cooper # 1	8-16-52	40	JG	13,298
Cooper # 2	4-12-55	50	0	7,578
Lynn B 25 # 3	12-8-49	140	0	19,114
Lynn B 25 # 4	2-22-50	155	0	29,528
Stewart 28 # 1	4-6-56	55	1.4	23,913
Stewart 28 # 2	3-1-59	160	0	5,155
Stewart 29 # 1	7-15-51	55	0	53,237
Stewart 29 # 2	1-12-52	11	0	24,315
Stewart 29 # 3	6-1-55	45	0	22,430
Vaughan A 12 Fed. # 1	2-19-42	132	JG	56,597
Vaughn B 12 Fed. # 1	7-8-40	NA	JG	29,966
Vaughan B Fed. # 3	12-27-49	NA	0.6	91,974
	TOTAL CONOCO		2.0	377,105
CROWN CENTRAL PETROLEUM CORP.				
M. A. Hair # 1	3-1-36	45	0.2	77,569
EL PASO NATURAL GAS CO.				
*State J. L. # 1	4-31-61	21	JG	3,698
FLAG REDFERN OIL COMPANY				
Lynn B 25 # 1	11-22-50	366	1.2	25,369
Lynn B 25 # 2	12-30-50	56	3.0	36,089
Lynn B 25 # 3	6-19-51	38	1.2	31,568
Lynn B 25 # 4	10-20-52	14	0	10,669
	TOTAL FLAG REDFERN		5.4	103,695
ALBERT GACKLE				
R. W. Cowden # 2	3-9-66	0	0	0
R. W. Cowden B # 2	6-20-49	240	2.0	24,405
R. W. Cowden B # 3A	8-11-49	70	0	17,721
R. W. Cowden C # 1A	12-8-37	120	PA	6,573
R. W. Cowden C # 1	9-12-49	144	2.5	66,424
R. W. Cowden C # 2	9-30-49	450	2.5	85,616
R. W. Cowden C # 3	10-23-49	220	1.9	58,218
*R. W. Cowden C # 4	11-18-49	125	JG	22,855
R. W. Cowden C # 5	3-23-50	103	2.5	50,600
	TOTAL ALBERT GACKLE		11.4	332,412
GETTY OIL COMPANY				
B. F. Davis # 1	5-27-57	64	1.5	18,026
GREAT WESTERN DRILLING COMPANY				
R. W. Cowden # 1 (Herff)	2-3-50	12	PA	91
R. W. Cowden # 2 (Herff)	2-15-50	15	PA	92

Operator Lease and Well Number	Completion Date	Oil Production Rate B/D Initial	 July 73	Production to 1-1-73
H. Leonard B State # 1	9-10-38	47	0.7	82,859
H. Leonard B State # 2	4-21-39	150	JG	34,605
H. Leonard B State # 3	6-1-39	176	0	39,866
H. Leonard B State # 4	1-4-56	99	2.1	33,077
H. Leonard B State # 5	9-13-60	40	0	16,432
	TOTAL GREAT WESTERN		2.8	207,022
GULF OIL CORPORATION				
S. J. Carr # 1	9-10-36	20	PA	7,734
S. J. Carr # 2	9-14-39	70	0	70,370
S. J. Carr # 3	6-26-40	40	0	53,269
S. J. Carr # 4	6-11-41	70	0	44,186
Carter Eaves A # 1	7-7-51	153	JG	39,741
Carter Eaves A # 2	3-25-54	150	0	29,868
Carter Eaves B # 1	9-9-54	28	0	5,150
B. A. Christmas # 1	12-21-53	240	5.7	124,223
Fowler Hair # 1	4-11-48	22	JG	21,915
J. R. Holt B State # 1	12-16-49	76	0	55,426
J. R. Holt B State # 2	8-6-49	404	JG	132,177
C. E. LaMunyon Fed. # 2	5-29-40	174	3.0	149,586
C. E. LaMunyon Fed. # 3	4-3-42	57	0	46,700
C. E. LaMunyon Fed. # 4	12-13-44	15	JG	14,794
C. E. LaMunyon Fed. # 15	4-7-51	102	0	39,977
C. E. LaMunyon Fed. # 17	5-29-51	104	2.4	54,689
C. E. LaMunyon Fed. # 18	8-26-51	26	2.0	31,311
Stewart Fed. # 11	9-19-49	41	PA	26,920
	TOTAL GULF		13.1	948,036
JOHN H. HENDRIX				
LaMunyon Fed. # 1	12-2-57	68	0	23,329
LaMunyon Fed. # 2	1-15-58	100	6.5	26,415
	TOTAL JOHN HENDRIX		6.5	49,744
N. B. HUNT				
Mattix A # 1	10-24-50	1440	0.8	53,388
Mattix A # 2	9-14-50	50	0	44,405
Mattix A # 3	1-9-51	480	1.7	50,950
Mattix A # 4	11-26-51	254	0.9	27,040
Mattix A # 5	3-10-52	672	1.7	37,018
Mattix B # 1	12-21-37	991	0.1	59,292
Mattix B # 2	7-29-40	240	0.1	68,066
Mattix B # 3	11-2-40	26	0	8,818
Mattix B # 4	5-22-41	160	0	41,626
Mattix B 10 # 1	1-27-40	480	1.6	88,939
Mattix B 10 # 2	4-7-53	46	1.2	24,980
Mattix B 10 # 3	2-5-53	31	2.5	34,817
	TOTAL N. B. HUNT		10.6	539,339
JOHNSON & FRENCH OIL COMPANY				
Davis # 1	3-20-38	240	1.3	78,240
Davis # 2	3-30-55	60	1.3	24,907
	TOTAL JOHNSON & FRENCH		2.6	103,147
KING WARREN & DYE				
Toby # 1	4-11-40	50	0	74,058
Toby # 2	7-23-47	58	JG	25,738
	TOTAL KING WARREN & DYE		0	99,796

Operator Lease and Well Number	Completion Date	Oil Production Rate B/D Initial	 July 73	Production to 1-1-73
RALPH LOWE				
Shell State C # 1	3-13-47	65	0.2	48,365
Shell State C # 2	2-13-48	166	JG	2,387
	TOTAL RALPH LOWE		0.2	50,752
MOBIL OIL CORPORATION				
Jim Camp # 1	6-2-50	154	2.2	114,377
PETROLEUM CORPORATION OF TEXAS				
Lankford B # 2	8-19-59	72	0	23,141
RESERVE OIL & GAS COMPANY				
L. Carter # 1	7-29-39	72	1.8	111,831
RESLER & SHELDON				
Fanning # 1	10-11-50	48	0.6	32,078
Fanning # 3	2-27-51	15	0	7,321
Fanning # 4	12-15-55	55	0.8	41,797
Fanning # 5	8-13-56	60	0.9	31,137
Fanning B # 1	10-20-56	100	0	14,891
	TOTAL RESLER & SHELDON		2.3	127,224
SKELLY OIL COMPANY				
J. W. Cooper # 1	7-12-41	170	3.9	124,460
J. W. Cooper # 2	9-21-42	18	0.1	44,224
Liberty Royalties # 1	11-25-41	64	0.5	82,199
Liberty Royalties # 2	2-16-47	73	0.6	63,659
Liberty Royalties # 3	4-28-47	58	0.6	31,711
Liberty Royalties # 4	1-24-48	26	0.6	26,247
Mattix A # 1	1-16-51	354	4.8	74,783
Mattix A # 2	12-10-51	87	5.3	68,787
Mattix A # 3	2-19-52	145	6.1	57,147
Mattix A # 4	3-21-52	68	0	36,546
Mattix A # 5	2-11-52	62	6.4	52,560
Mattix A # 6	3-16-52	46	0	24,000
Mattix A # 7	4-12-53	54	0	16,592
Mattix A # 8	6-22-53	46	0	13,832
Mexico D # 1	8-28-48	35	0.5	60,747
Mexico D # 2	6-18-49	42	1.9	48,520
Mexico P # 1	6-1-52	33	0	10,871
Mexico P # 2	9-21-56	36	0.4	12,118
S. E. Toby # 1	3-27-38	365	JG	186,996
S. E. Toby # 2	9-6-41	275	2.9	150,964
	TOTAL SKELLY		34.6	1,186,963
TEXACO, INC.				
E. E. Blinebry A Federal # 1	6-11-50	181	1.0	80,389
E. E. Blinebry A Federal # 2	11-13-60	63	JG	30,054
E. E. Blinebry A Federal # 3	4-1-61	160	0.3	17,113
E. E. Blinebry B Federal # 1	6-19-49	321	1.7	89,843
E. E. Blinebry B Federal # 2	10-23-49	228	0	129,150
E. E. Blinebry B Federal # 3	1-20-50	135	0.9	43,129
E. E. Blinebry B Federal # 4	9-23-50	37	0	9,671
E. E. Blinebry B Federal # 5	10-22-51	301	1.7	82,990
E. D. Fanning # 1	9-4-36	59	0	22,888
E. D. Fanning # 2	10-17-38	46	0	32,188
E. D. Fanning # 3	8-25-44	181	0	88,547
E. D. Fanning # 4	12-13-44	19	0	20,839
E. D. Fanning # 5	6-10-54	62	0.8	26,435

Operator Lease and Well Number	Completion Date	Oil Production Rate B/D Initial	 July 73	Production to 1-1-73
E. D. Fanning # 6	4-12-60	55	2.6	10,234
E. D. Fanning # 7	7-21-61	0	JG	0
New Mexico B State # 1	10-26-61	149	0	25,120
New Mexico B State # 2	12-13-61	36	0	5,608
J. D. Young # 1	12-6-36	42	0	94,094
J. D. Young # 2	5-2-44	122	2.5	67,806
J. D. Young # 3	5-26-55	168	JG	20,789
	TOTAL TEXACO		11.5	896,887
TEXAS PACIFIC OIL COMPANY				
Blinebry A # 1	3-29-40	NA	0	93,799
Blinebry A # 2	11-8-40	25	JG	15,147
Blinebry A # 3	6-10-41	NA	0	84,068
Blinebry A # 4	7-15-41	144	0	89,621
Blinebry A # 5	4-28-45	285	0	76,844
Blinebry A # 6	7-16-45	60	0	54,780
Blinebry A # 9	9-12-60	72	0	8,549
Blinebry A # 10	5-5-61	58	0	9,342
Blinebry A # 11	5-20-61	42	0	7,432
Blinebry A # 12	1-21-62	12	0	3,744
Blinebry B # 1	1-24-41	93	0	42,901
Blinebry B # 2	12-9-50	50	0.1	39,490
Blinebry B # 3	3-15-54	3	0	1,313
Blinebry B # 4	6-7-61	151	0	12,233
Blinebry B # 5	7-12-61	234	0.4	4,469
Blinebry B # 6	7-4-61	104	0	19,930
Blinebry B # 7	9-9-61	146	0	9,451
Blinebry B # 8	10-8-61	35	0	4,930
Eva Blinebry # 1	2-12-39	400	1.0	119,129
Eva Blinebry # 2	7-19-39	72	1.1	101,223
Hodge # 1 (Cities Service)	8-24-37	NA	PA	56,861
Hodge # 1	5-27-51	14	0.3	19,557
Hodge # 3	9-12-54	336	0.3	37,084
Hodge # 4	10-16-54	42	1.1	31,783
Hodge # 5	12-1-54	60	0	17,700
Jack Federal # 1	1-10-51	40	JG	18,259
Jack Federal # 2	1-27-55	234	0	17,203
Jack Federal # 3	2-18-55	492	0	24,974
Jack Federal # 4	3-17-55	387	0	22,294
C. Meyers # 1	8-5-54	218	JG	45,432
C. Meyers # 2	11-1-54	168	JG	52,012
C. Meyers # 3	1-25-56	408	0	47,418
C. Meyers # 4	10-6-56	240	1.0	47,721
C. Meyers # 5	6-22-61	55	1.1	20,961
C. Meyers # 6	5-8-61	44	3.4	27,319
C. Meyers # 7	6-11-61	280	1.2	36,067
C. Meyers # 8	7-21-61	264	0	27,763
	TOTAL TEXAS PACIFIC		11.0	1,348,803
UNLEASED				
P. Carter # 1	1-6-38	28	PA	23,128
	TOTAL UNIT AREA		142.7	8,699,406

JG - Jalmat gas completion

PA - Well has been plugged and abandoned

* - Wellbore may be utilized in unit operations

Available Injection Well Logs

Proposed Myers Langlie Mattix Unit

Company	Lease	Well No.	Location Ut.	Sec.	Ts	Re
Amerada Hess Corp.	O. M. Hodges	1	I	8	24	37
"	State LMA Com.	2	I	32	23	37
"	State LMT	3	G	36	23	36
"	State LMT	5	A	36	23	36
"	State LMT	7A	C	36	23	36
Amoco	Meyers B Fed.	17	E	5	24	37
"	Meyers B Fed.	15	A	6	24	37
"	Meyers B Fed.	19	G	6	24	37
"	Meyers B Fed.	10	G	7	24	37
"	Meyers B Fed.	20	A	7	24	37
"	Meyers B Fed.	5	K	9	24	37
Atlantic Richfield Co.	W. N. Toby	2	I	12	24	36
W. K. Byrom	Davis	2	K	33	23	37
"	Davis B	1	M	33	23	37
"	Sinclair Carter	1	A	9	24	37
Continental-Emsco Oil Co.	Fowler Hair	1	C	9	24	37
Continental Oil Company	Vaughan A 12	1	E	12	24	36
Flag Redfern Oil Co.	Lynn B 25	3	K	25	23	36
Albert Gackle	R. M. Cowden	2	I	30	23	37
"	R. M. Cowden B	2	M	30	23	37
"	R. M. Cowden C	5	G	31	23	37
Great Western Drlg. Co.	E. Leonard B St.	5	A	32	23	37
Gulf Oil Corp.	Carter Eaves NCT A	1	C	6	24	37
"	J. R. Holt NCT B	1	I	36	23	36
Skelly Oil Company	Mexico P	2	G	2	24	37
Texaco, Inc.	Blinebry A Fed.	2	I	31	23	37
"	Blinebry B Fed.	2	M	31	23	37
"	Blinebry B Fed.	3	K	31	23	37
"	Blinebry B Fed.	4	O	31	23	37
"	E. D. Fanning	4	E	4	24	37
"	E. D. Fanning	7	G	5	24	37
"	N. M. B State NCT 4	1	M	32	23	37
"	J. D. Young	3	O	5	24	37
Texas Pacific Oil Company	Blinebry A Fed.	10	C	30	23	37
"	Blinebry A Fed.	11	E	30	23	37
"	Blinebry B Fed.	4	L	34	23	37
"	Blinebry B Fed.	8	D	34	23	37
"	Hodge	4	G	8	24	37
"	Hodge	5	A	8	24	37
"	Jack Fed.	3	C	8	24	37
"	C. Meyers	2	M	5	24	37
"	C. Meyers	8	K	5	24	37
"	C. Meyers	5	O	6	24	37
"	C. Meyers	6	I	6	24	37

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Skelly
10-31-73

034-0013

EXXON CHEMICAL COMPANY U.S.A.
SPECIALTIES LABORATORY

8230 Stedman, Houston, Texas 77029

EXXON CHEMICALS

October 24, 1973

WATER ANALYSIS

SAMPLE DESCRIPTION: Produced water from Mattix "A" #3 submitted for routine correlation. Sample taken 10-23-73.

COMPANY: Skelly Oil Company
STSR NUMBER: #1073143
REQUESTED BY: Harold Langen

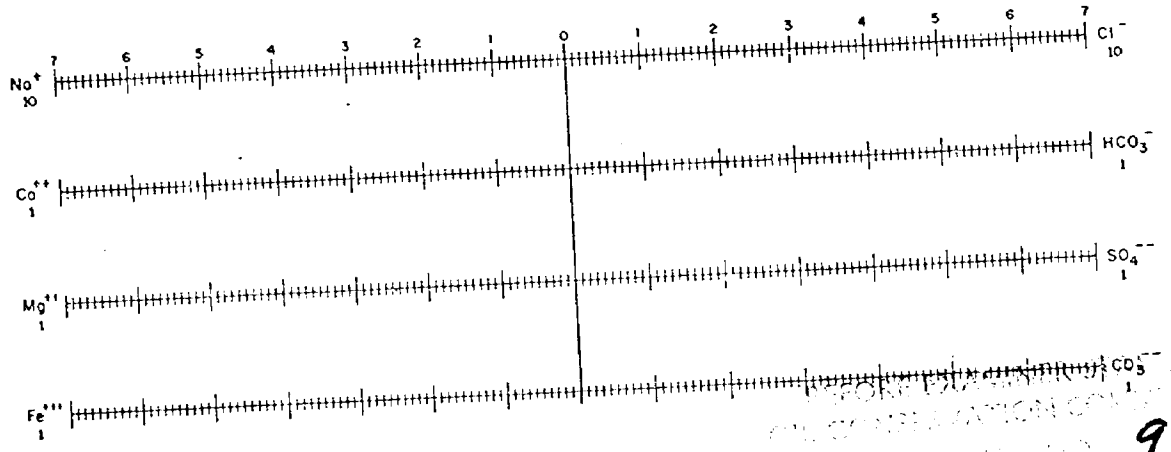
DATE RECEIVED: 10-23-73
ANALYZED BY: Gene Keil

	Mg/L	Meq/L
Sodium	18,506	804.6
Calcium	2,728	136.4
Magnesium	2,765	227.6
Chloride	39,060	1,101.5
Sulfate	1,147	23.9
Bicarbonate	2,001	32.8
Carbonate	312	10.4
Hydroxide	0	0.0
TOTAL	66,519	
Dissolved Iron		
Total Iron	1.1	0.0

pH	8.8
Specific Gravity at 60 °F.	1.0471
Resistivity, ohms/m @ 77°F.	0.136

	Mg/L
Oil Content	
Organic Matter	
Hydrogen Sulfide	2,600

WATER PATTERN (Stiff Method)



Meq/LITER

Remarks:

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Skelly
10-31-73

EXXON CHEMICAL COMPANY U.S.A.
SPECIALTIES LABORATORY

8230 Stedman, Houston, Texas 77029

EXXON CHEMICALS

October 5, 1973

WATER ANALYSIS

SAMPLE DESCRIPTION: Source water from Jal Water System submitted for routine correlation. Sample taken 10-2-73.

COMPANY: Skelly Oil Company
STSR NUMBER: #107332 (Corrected Copy)
REQUESTED BY: Harold Langen

DATE RECEIVED: 10-3-73
ANALYZED BY: Gene Keil

	Mg/L	Meq/L
Sodium	9,428	409.9
Calcium	1,826	91.3
Magnesium	543	44.7
Chloride	17,400	490.7
Sulfate	1,968	40.9
Bicarbonate	872	14.3
Carbonate	0	0.0
Hydroxide	0	0.0
TOTAL	32,037	
Dissolved Iron		
Total Iron	0.44	0.0

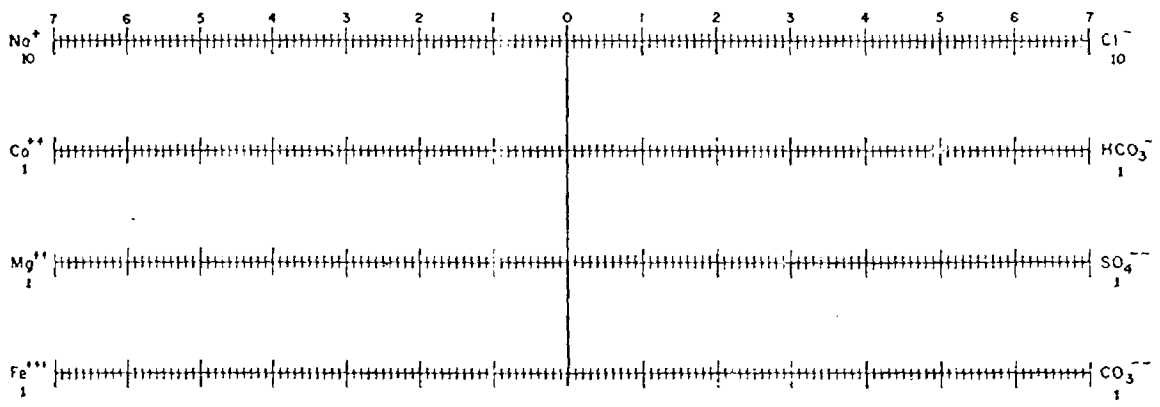
pH 7.1

Specific Gravity at 60 °F. 1.0240

Resistivity, ohms/m @ 77°F. 0.202

	Mg/L
Oil Content	
Organic Matter	
Hydrogen Sulfide	375

WATER PATTERN (Stiff Method)



Meq/LITER

Remarks:

SKELLY OIL COMPANY

P. O. BOX 1650

TULSA, OKLAHOMA 74102

Case 5087

LAW DEPARTMENT

CHESTER E. BLODGET
SENIOR ATTORNEY

September 24, 1973

Re: Application of Skelly Oil Company for Order Authorizing the Injection of Fluid for Secondary Recovery Purposes into the Langlie-Mattix Pool on the Myers Langlie-Mattix Unit, Lea County, New Mexico

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Gentlemen:

We are enclosing herewith the original and two copies of the above-referenced application for order authorizing the injection of fluid for a waterflood project.

We would appreciate your setting this matter down for hearing on the October 31, 1973 Examiner Docket.

Yours very truly,

Chester E. Blodget

CEB:br
Encl.

DOCKET MAILED

Date _____

BEFORE THE NEW MEXICO OIL CONSERVATION COMMISSION

IN THE MATTER OF THE APPLICATION OF SKELLY OIL COMPANY FOR AN ORDER AUTHORIZING THE INJECTION OF FLUID FOR SECONDARY RECOVERY PURPOSES INTO THE LANGLIE-MATTIX POOL ON THE MYERS LANGLIE-MATTIX UNIT, LOCATED IN ALL OR PORTIONS OF SECTIONS 25 AND 36, TOWNSHIP 23 SOUTH, RANGE 36 EAST; SECTIONS 28, 29, 30, 31, 32, 33 AND 34, TOWNSHIP 23 SOUTH, RANGE 37 EAST; SECTIONS 1 AND 12, TOWNSHIP 24 SOUTH, RANGE 36 EAST; AND SECTIONS 2, 3, 4, 5, 6, 7, 8, 9, 10 AND 11, TOWNSHIP 24 SOUTH, RANGE 37 EAST, LEA COUNTY, NEW MEXICO, AND FOR THE PROMULGATION OF CERTAIN RULES GOVERNING THE OPERATION OF SAID UNIT.

CASE NO. 5087

FILED _____

HEARING _____

A P P L I C A T I O N

Comes now Skelly Oil Company and alleges and states:

1. That it is the Operator of the Myers Langlie-Mattix Unit containing 9,923.68 acres, more or less, of fee, federal and state lands, described as follows:

Township 23 South, Range 36 East
N/2 SE/4, E/2 SW/4, SW/4 SW/4, S/2 SE/4, N/2 NW/4, and SE/4 NW/4 of Section 25;
N/2, SE/4, and E/2 SW/4 of Section 36;

Township 23 South, Range 37 East
[illegible] of Section 30;
All of Section 29;
SW/4, and SW/4 NW/4 of Section 28;
All of Section 31;
All of Section 32;
All of Section 33;
W/2 of Section 34;

Township 24 South, Range 36 East
NE/4 NE/4 of Section 1;
S/2 N/2, N/2 S/2, and SE/4 SE/4 of Section 12;

Township 24 South, Range 37 East
E/2, E/2 W/2, and NW/4 NW/4 of Section 6;
All of Section 5;
All of Section 4;
All of Section 3;
W/2, and W/2 NE/4 of Section 2;
All of Section 7;
N/2, N/2 S/2, and SW/4 SW/4 of Section 8;
N/2, and N/2 SW/4 of Section 9;
NW/4, NW/4 NE/4, S/2 NW/4, E/2 SW/4, and W/2 SE/4 of Section 10; and
SE/4 NW/4 of Section 11,

all in Lea County, New Mexico.

2. That an application for approval of the Unit Agreement has been filed with this Commission.

3. That in order to carry out the secondary recovery operations as contemplated by the Unit Agreement, to prevent waste and to recover oil and associated hydrocarbons which would not otherwise be recovered, applicant desires to inject fluid into certain wells within the Unit Area for injection into the Myers Langlie-Mattix Unit, pursuant to Rule 701 of the Commission.

4. That Applicant proposes to convert the following 84 wells and utilize same for injection purposes:

COMPANY	LEASE	WELL NO.	LOCATION UNIT	SEC.	T	R
Amerada Hess Corp.	O. M. Hodges	1	I	3	24S	37E
"	State LMA Com.	2	I	32	23S	37E
"	State LMT	3	G	36	23S	36E
"	State LMT	5	A	36	23S	36E
"	State LMT	7	C	36	23S	36E
Amoco	Meyers B Fed.	17	E	5	24S	37E
"	Meyers B Fed.	22	C	5	24S	37E
"	Meyers B Fed	15	A	6	24S	37E
"	Meyers B Fed.	19	G	6	24S	37E
"	Meyers B Fed.	6	E	7	24S	37E
"	Meyers B Fed.	10	G	7	24S	37E
"	Meyers B Fed.	20	A	7	24S	37E
"	Meyers B Fed.	5	K	9	24S	37E
Atlantic Richfield Co.	W. N. Cooper	1	G	12	24S	36E
"	Fowler Hair	2	E	9	24S	37E
"	W. N. Toby	2	I	12	24S	36E
W. K. Byrom	Davis	2	K	33	23S	37E
"	Davis B	1	M	33	23S	37E
"	Sinclair Carter	1	A	9	24S	37E
Continental-Emsco Oil Co.	Fowler Hair	1	C	9	24S	37E
Continental Oil Co.	Cooper	2	K	8	24S	37E
"	Lynn B Fed.	4	O	25	23S	36E
"	Stewart 28	1	M	28	23S	37E
"	Stewart 29	1	O	29	23S	37E
"	Stewart 29	2	I	29	23S	37E
"	Vaughan A 12	1	E	12	24S	36E
Flag Redfern Oil Co.	Lynn B 25	3	K	25	23S	36E
"	Lynn B 25	4	M	25	23S	36E
Albert Gackle	R. M. Cowden	2	I	30	23S	37E
"	R. M. Cowden B	2	M	30	23S	37E
"	R. M. Cowden C	2	E	31	23S	37E
Great Western Drilling Co.	R. M. Cowden C	5	G	31	23S	37E
"	H. Leonard B St.	3	C	32	23S	37E
Gulf Oil Corporation	H. Leonard B St.	5	A	32	23S	37E
"	S. J. Carr	2	E	10	24S	37E
"	S. J. Carr	3	K	10	24S	37E
"	Carter Eaves NCT A	1	C	6	24S	37E
"	J. R. Holt NCT B	1	I	36	23S	36E
"	C. E. LaMunyon	2	E	29	23S	37E
"	C. E. LaMunyon	15	G	29	23S	37E
"	C. E. LaMunyon	18	C	29	23S	37E
N. B. Hunt	Mattix A	2	A	3	24S	37E
"	Mattix A	4	G	3	24S	37E
"	Mattix A	5	I	3	24S	37E
"	Mattix B Fed.	3	O	10	24S	37E
"	Mattix B Fed.	4	G	10	24S	37E
"	Mattix B 10	2	C	10	24S	37E
Johnson & French Oil Co.	Davis	1	O	33	23S	37E
King, Warren & Dye	Toby	2	K	7	24S	37E
Reserve Oil & Gas Co.	L. Carter	1	A	25	23S	36E
Resler & Sheldon	Fanning	1	E	33	23S	37E
"	Fanning	5	C	33	23S	37E
Skelly Oil Company	J. W. Cooper	2	L	12	24S	36E
"	Liberty Royalties	1	O	7	24S	37E
"	Liberty Royalties	3	I	7	24S	37E
"	Mattix A	2	E	2	24S	37E
"	Mattix A	4	K	2	24S	37E
"	Mattix A	5	C	2	24S	37E
"	Mexico D	2	O	36	23S	37E
"	Mexico P	2	G	2	24S	37E
"	Toby	1	M	7	24S	37E

COMPANY	LEASE	WELL NO.	LOCATION UNIT	SEC.	T	R
Texaco Inc.	Blinebry A Fed.	2	I	31	23S	37E
"	Blinebry B Fed.	2	M	31	23S	37E
"	Blinebry B Fed.	3	K	31	23S	37E
"	Blinebry B Fed.	4	O	31	23S	37E
"	E. D. Farming	4	E	4	24S	37E
"	E. D. Fanning	7	G	5	24S	37E
"	N. M. B State NCT 4	1	M	32	23S	37E
"	J. D. Young	3	O	5	24S	37E
Texas Pacific Oil Co.	Blinebry A Fed.	3	L	29	23S	37E
"	Blinebry A Fed.	4	K	29	23S	37E
"	Blinebry A Fed.	10	C	30	23S	37E
"	Blinebry A Fed.	11	E	30	23S	37E
"	Blinebry B Fed.	4	L	34	23S	37E
"	Blinebry B Fed.	8	D	34	23S	37E
"	Eva Blinebry	1	M	29	23S	37E
"	Hodge	4	G	8	24S	37E
"	Hodge	5	A	8	24S	37E
"	Jack Fed.	1	E	8	24S	37E
"	Jack Fed.	3	C	8	24S	37E
"	C. Meyers	2	M	5	24S	37E
"	C. Meyers	8	K	5	24S	37E
"	C. Meyers	5	O	6	24S	37E
"	C. Meyers	6	I	6	24S	37E

5. That attached hereto and made a part hereof is a map, labeled Exhibit "A", which shows the location of the proposed injection wells and the location of all other wells within a radius of two miles of the proposed injection wells, and the formation from which said wells are producing, and that also indicated on said exhibit are the lessees within said two-mile radius.

6. That attached hereto and made a part hereof is Exhibit "B" which is a sketch of an injection well illustrative of the type of injection wells contemplated, showing the casing string, including diameter and setting depth, quantity used and top of cement, perforated or open hole interval, tubing string, including diameter and setting depth, and type and location of packer.

7. That the formation to be waterflooded and into which injection will be made is the Langlie-Mattix formation underlying the Unit Area, the same being the heretofore established reservoir which has been found to occur between the depths of 3168 feet and 3570 feet in Texas Pacific Oil Company's Blinebry "B" Well No. 3 (located in Section 34, Township 23 South, Range 37 East, Lea County, New Mexico), as recorded on the Schlumberger Electrical Log Run No. 1 taken December 26, 1952, said log being measured from the derrick floor elevation of 3300 feet above sea level.

8. That the fluid sought to be injected is water, and the anticipated volumes to be injected are 27,000 BWPD, that the source of injected fluid is water produced from the Unit Area wells and Skelly's Jal Water System from the Seven Rivers Formation and Capitan Reef.

WHEREFORE, PREMISES CONSIDERED, Applicant prays that this Commission, after the giving of notice as required by law, set this matter down for hearing, and that at the conclusion of said hearing based on the evidence adduced enter its order granting the Applicant permission to conduct a waterflood project on the Myers Langlie-Mattix Unit by utilizing as injection wells the wells above described with said secondary recovery project to be governed by the provisions

of Rule 701, for permission to expand or change the waterflood program by administrative means without the necessity of a separate hearing, for appropriate field rules if necessary, and for such other orders, rules and regulations as may be necessary in the premises.

Respectfully submitted,

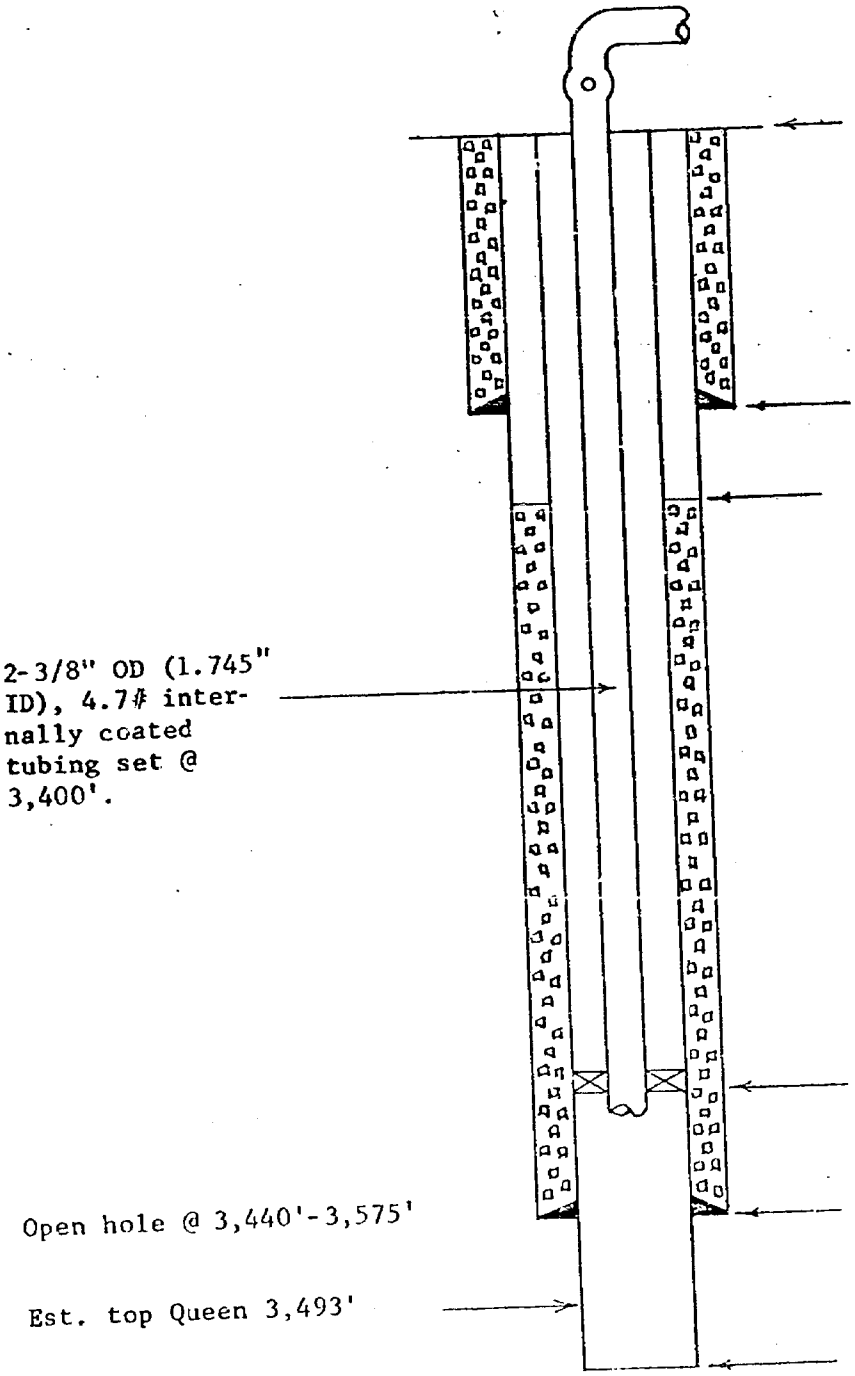
SKELLY OIL COMPANY

By Chester E. Blodget
Chester E. Blodget
Attorney

Of Counsel:
L. C. White, Attorney
White, Koch, Kelly & McCarthy
P. O. Box 787
Santa Fe, New Mexico 87501

MEYERS LANGLIE MATTIX UNIT

Typical Injection Well With Open Hole Completion



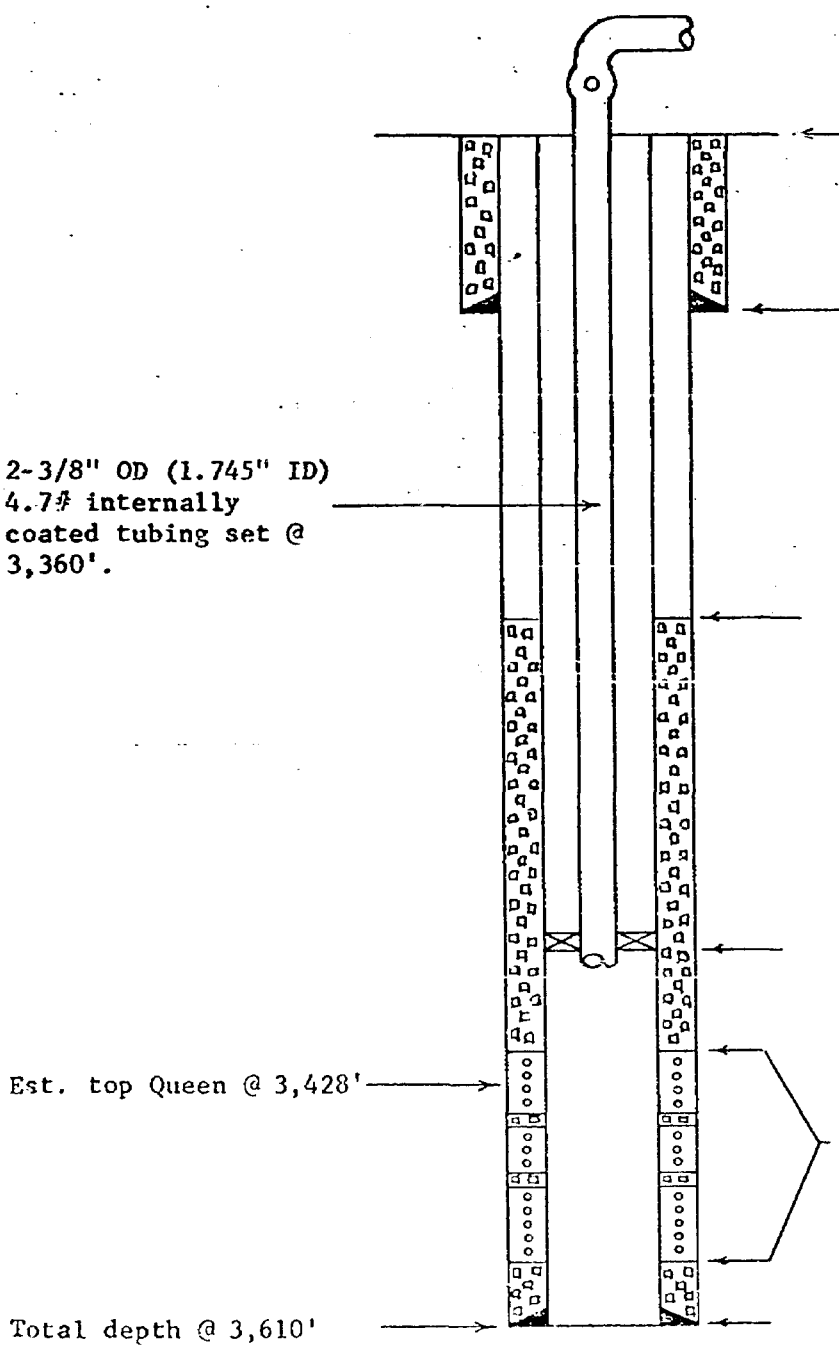
ACTUAL WELL SHOWN:
TEXAS PACIFIC OIL COMPANY
BLINEBRY "A" FEDERAL NO. 3
UNIT L SEC. 29, T23S-R37E
LEA COUNTY, NEW MEXICO

Case 5087

EXHIBIT B-1

MEYERS LANGLIE MATTIX UNIT

Typical Injection Well With Cased Hole Completion



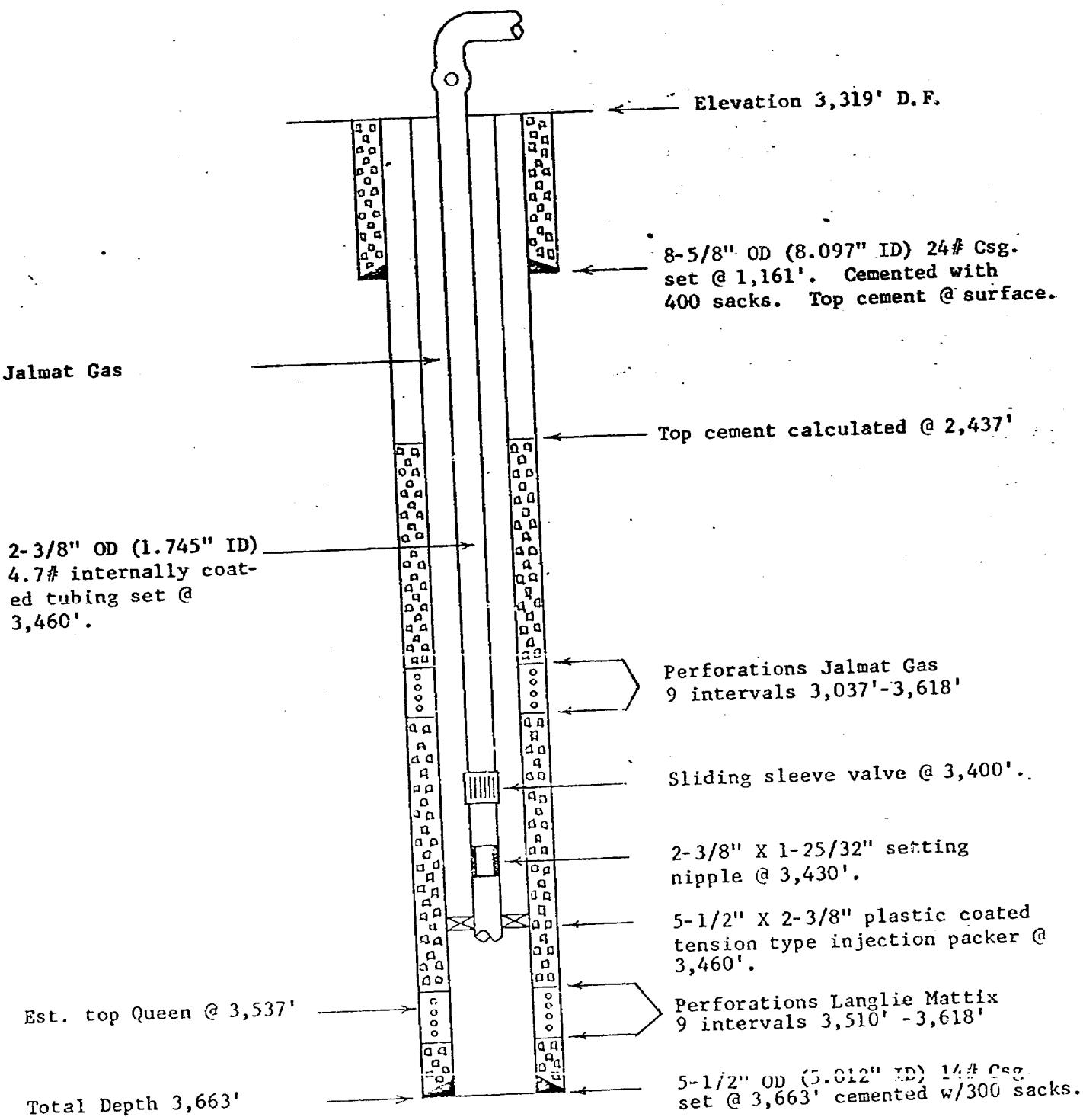
ACTUAL WELL SHOWN:
AMERADA HESS CORPORATION
STATE L.M. "A" COM. NO. 2
UNIT I, SECTION 32, T23S-R37E
LEA COUNTY, NEW MEXICO

Case 5087

EXHIBIT B-2

MEYERS LANGLIE MATTIX UNIT

Typical Injection Well With Jalmat Gas Zone Open
Dual Completion



ACTUAL WELL SHOWN:
TEXACO INC. E. E. BLINEBRY "A" NCT-1 FEDERAL NO. 2
UNIT I SECTION 31, T23S-R37E
LEA COUNTY, NEW MEXICO

Case 5087
EXHIBIT B-3

DRAFT

dr/

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE No. 5087

Order No. R-4685

APPLICATION OF SKELLY OIL COMPANY
FOR A WATERFLOOD PROJECT, LEA COUNTY,
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on October 31, 1973, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this _____ day of November, 1973, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Skelly Oil Company,

seeks authority to institute a waterflood project in the _____

Myers Langlie-Mattix Unit Area, Langlie-Mattix Pool,
Lea County, New Mexico,
by the injection of water into the ~~Queen~~ Lower Seven Rivers and Queen formation,
through 84 injection wells ~~in Section~~ as shown on Attachment "A" to this order.
~~Township North, South, Range West, East,~~
~~NMPM, Lea County, New Mexico.~~

(3) That the wells in the project area are in an advanced state of depletion and should properly be classified as "stripper" wells.

(4) That the proposed waterflood project should result in the recovery of otherwise unrecoverable oil, thereby preventing waste.

ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface from injection, production, or plugged and abandoned wells.

(6) That the subject application should be approved and the project should be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.

IT IS THEREFORE ORDERED:

(1) That the applicant, Skelly Oil Company, is hereby authorized to institute a waterflood project in the Myers Langlie-Mattix Unit Area, Langlie-Mattix Pool, Lea County, New Mexico, by the injection of water into the Lower Seven Rivers and Queen formation. ~~through the following described wells in Township North, South, Range West, East, NMPM, County, New Mexico:~~ 84 injection wells as described on Attachment "A" to this order. New Mexico.

(2) That prior to initial injection of water into any of said injection wells, the operator shall obtain the approval of supervisor of the Commission's ~~Artesia~~ Hobbs district office as to the casing and cementing of said well.

(3) That injection into each of said wells shall be through ~~cemented~~ cemented tubing, set in a packer which shall be located ~~as~~ within 50 feet of the casing shoe or uppermost perforation in the well and is to be injected singly completed that the casing-tubing annulus of each injection well shall be loaded with an inert fluid and equipped with an approved pressure gauge or attention-attracting leak detection device.

(4) That the operator shall immediately notify the supervisor of the Commission's ~~Artesia~~ Hobbs district office of the failure of the tubing or packer in any of said injection wells, the leakage of water or oil from around any producing well, or the leakage of water or oil from any plugged and abandoned well within the project area and shall take such timely steps as may be necessary or required to correct such failure or leakage.

dance with Rules 704 and 1120 of the Commission Rules and Regulations.

(2) (9) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

[illegible] any of the aforesaid injection wells has previously been approved [illegible] producer is hereby approved for the conditional production from the Jalmat pool [illegible] into the Langlie Mattix Pool.

ATTACHMENT "A"

WATER INJECTION WELLS

MYERS LANGLIE MATTIX UNIT AREA

Lea County, New Mexico

Tract Number	Unit Well No.	Unit Letter	Section	Former Operator	Former Lease Name and Well No.
				Township 23 South, Range 36 East NMPM	
44	10	A	25	Reserve	Carter No. 1
1	34	K	"	Flag Redfern	Lynn B-25 No. 3
"	35	M	"	"	" " No. 4
2	37	O	"	Conoco	" " No. 4
30	63	A	36	Amerada	St. LMT No. 5
"	65	C	"	"	" " No. 7
"	69	G	"	"	" " No. 3
33	99	I	"	Gulf	Holt B No. 1
32	103	O	"	Skelly	Mexico D No. 2
				Township 23 South Range 37 East NMPM	
3	3	C	29	Gulf	La Munyon No. 18
"	17	E	"	"	" No. 2
"	19	G	"	"	" No. 15
17	24	I	"	Conoco	Stewart 29 No 2
22	26	K	"	Texas Pacific	Blinebry A No. 4
16	47	M	28	Conoco	Stewart 28 No. 1
19	43	M	29	Texas Pacific	Blinebry No. 1
17	45	O	"	Conoco	Stewart 29 No. 1
21	7	C	30	Texas Pacific	Blinebry A No. 10
20	13	E	"	"	" " No 11
47	28	I	"	Gackle	Cowden No. 2
46	39	M	"	"	" B No. 2
49	71	E	31	"	Cowden C No. 2
"	73	G	"	"	" " No. 5
14	95	I	"	Texaco	Blinebry A No. [illegible]
15	97	K	"	"	" B No. [illegible]
"	105	M	"	"	" " No. 2
"	101	O	"	"	" " No. 4

Tract Number	Unit Well No	Unit Letter	Section	Former Operator	Former Lease Name and Well No.
34	55	A	32	Great Western	Leonard B No. 5
"	57	C	"	" "	" " No 3
38	91	I	"	Amerada	State LMA No. 2
36	109	M	"	Texaco	State B-4 No. 1
50	53	C	33	Resler-Sheldon	Fanning B No. 5
50	79	E	"	" "	" No. 1
52	89	K	"	Byrom	Davis No. 2
52	113	M	"	"	" B No. 1
56	115	O	"	Johnson-French	" No. 1
23	50	D	34	Texas Pacific	Bluebry B No. 8
24	86	L	"	" "	" " No. 4

Township 24 South Range 36 East NMPM

7	138	A	1	Conoco	Vaughn B No. 3
6	206	E	12	"	Vaughn A 12 No. 1
64	208	G	"	Atlantic	Cooper No. 1
66	239	I	"	"	Toby No. 2
65	241	K	"	Skelly	Cooper No 1

Township 24 South Range 37 East NMPM

39	120	C	2	Skelly	Mattix A No. 5
40	154	E	"	"	" " No. 2
42	156	G	"	"	Mexico P No. 2
40	157	K	"	"	Mattix No. 4
10	122	A	3	Hunt	" A No. 22
11	152	G	3	"	" " No. 4
10	159	I	3	"	" " No. 5
61	146	E	4	Texaco	Fanning No. 4
28	132	C	5	Amoco	Meyers B No. 22
"	142	E	"	"	" " No. 17
60	144	G	"	Texaco	Fanning No. 7
26	169	K	"	Texas Pacific	Meyers No. 8
"	177	M	"	" "	" No. 2
62	179	O	"	Texaco	Young No. 3
28	134	A	6	Amoco	Meyers B No. 22
58	136	C	"	Gulf	Eaves A No. 1
28	140	[illegible]	"	Amoco	Meyers B No. 19
26	171	I	"	[illegible]	Meyers No. 6
"	175	O	"	" "	" No. 5
28	202	H	7	Amoco	Meyers B No. 20
27	210	[illegible]	"	"	" " No. 6

(2)

Well Number	Unit Well No.	Unit Letter	Section	Formerly Operator	Former Lease Name and Well No.
69	235	I	7	Skelly	Liberty Rty No. 3
67	237	K	"	King Warren Dpc	Toby No. 2
68	244	M	"	Skelly	Toby No. 1
69	246	O	"	"	Liberty Rty No. 1
72	198	A	8	Texas Pacific	Hodges No. 5
29	200	C	"	" "	Jack No. 3
"	214	E	"	" "	" No. 1
72	216	G	"	" "	Hodges No. 4
73	231	I	"	Amerada	Hodges No. 1
70	233	K	"	Conoco	? Cooper No. 2
29	194	A	9	Byrom	Sinclair No 1
75	196	C	"	Cont-Emsco	Hair No. 1
74	218	E	"	Atlantic	" No. 2
27	229	K	"	Amoco	Meyers B No. 5
13	192	C	10	Hunt	Mattix B 10 No. 2
63	222	E	"	Gulf	Carr No. 2
12	224	G	"	Hunt	Mattix B No. 4
63	228	K	"	Gulf	Carr No. 3
12	250	O	"	Hunt	Mattix B No. 3