STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501

FORM C-108
Revised 7-1-81

APPLICATION FOR AUTHORIZATION TO INJECT

I. Purpose: ☒ Secondary Recovery ☐ Pressure Maintenance ☐ Disposal ☐ Storage
Application qualifies for administrative approval? ☒ yes ☐ no

II. Operator: Texaco Producing Inc.

Address: PO Box 728, Hobbs, N.M. 88240

Contact party: Mr. Kent L. Johnson Phone: 394-2585

III. Well data: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.

IV. Is this an expansion of an existing project? ☐ yes ☒ no
If yes, give the Division order number authorizing the project _____.

V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review. (Attached)

* VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.

VII. Attach data on the proposed operation, including:

1. Proposed average and maximum daily rate and volume of fluids to be injected;
2. Whether the system is open or closed;
3. Proposed average and maximum injection pressure;
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and
5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.) (Attached)

*VIII. Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval.

IX. Describe the proposed stimulation program, if any. (Attached)

* X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.)

* XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water. (Attached)

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.

XIV. Certification

I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: K. L. Johnson Title AREA SUPERINTENDENT

Signature: K L Johnson Date: MAY 2 3 1988

* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be duplicated and resubmitted. Please show the date and circumstance of the earlier submittal. NMOCD R-4680, October 3, 1973 (attached)

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate Division district office.

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

(1) Lease name; Well No.; location by Section, Township, and Range; and footage location within the section.

(2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.

(3) A description of the tubing to be used including its size, lining material, and setting depth.

(4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used. (1-4 attached)

Division District offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

(1) The name of the injection formation and, if applicable, the field or pool name. See attached injection well data sheet.

(2) The injection interval and whether it is perforated or open-hole. See attached injection well data sheet.

(3) State if the well was drilled for injection or, if not, the original purpose of the well. See attached injection well data sheet

(4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.

(5) Give the depth to and name of the next higher and next lower oil or gas zone in the area of the well, if any. See attached injection well data sheet

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

(1) The name, address, phone number, and contact party for the applicant;

(2) the intended purpose of the injection well; with the exact location of single wells or the section, township, and range location of multiple wells;

(3) the formation name and depth with expected maximum injection rates and pressures; and

(4) a notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

RESPONSE TO FORM C-108

I. Injection into Myers Langlie Mattix Unit Nos.16 and 27 is for secondary recovery purposes.

II. OPERATOR: Texaco Producing Inc.

ADDRESS: PO Box 728

Hobbs, New Mexico 88240

CONTACT PARTY: Mr. Kent L. Johnson

III. Well Data

A) See attached Injection Well Data Sheets and attached Wellbore Schematics for data pertaining to items 1-4.

B) See attached Injection Well Data Sheets and attached Wellbore Schematics for data pertaining to items 1-5.

IV. This injection authorization request is to test a smaller spaced test pattern on the Unit. Injection into Nos.16 and 27 will not expand the Myers Langlie Mattix Unit.

V. Please find attached maps identifying all wells and leases of public record within a two mile radius of Nos.16 and 27.

*VI. See below.

VII. 1)The proposed average injection rate for Nos.16 and 27 will be 400 BWPD.

2)The system will be closed. Injection will be isolated to the unitized interval as per the attached New Mexico Oil Conservation Division Order No. R-4680. The operation and monitoring of Well Nos.16 and 27 will be as per Section I, Rule 703 of the Oil Conservation Division Rules and Regulations.

3) The maximum injection pressure will be 900 psi as per the New Mexico Oil Conservation Division Order WFX 460. Higher injection pressures will be employed only after authorization has been received as justified by step rate testing.

*VIII.See below.

X. The stimulation program consists of cleaning out the wellbores and acidizing each with 5000 gallons of 15% NEFE HCL.

*X. See below.

*XI. See below.

XII. Available geologic and engineering data have been examined. There is no evidence of open faults or any other hydrologic connection between the injection zone and any underground source of drinking water.

XIII. A copy of this application to inject has been furnished to the surface owners and to each leasehold operator within one half mile of the well locations. See attached registered mail receipts. Also, please find attached a copy of the legal advertisement published in the Hobbs Daily Sun Newspaper, Lea County, New Mexico on May 17,1988. The advertisement includes the necessary items 1-4.

XIV. Certification of FORM C-108 is attached.

* the information required under Sections VI, VIII, X, and XI above has been previously submitted as per the attached New Mexico Oil Conservation Division Order No. R-4680 dated October 3,1973. The Myers langlie Mattix Unit is an active waterflood that has been in operation since 1975. The lease contains 115 producing wells and 105 injection wells as shown on the attached plats. This application is to convert two producing wells to injection surrounding and infill location to test an inverted 40 acre five spot pattern (See attached lease plat).

P 169 585 744

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to Mr Kelly Myers	
Street and No. Wells Ranch Star Route Box 54	
P.O., State and ZIP Code Jal, NM 88252	
Postage	$ .85
Certified Fee	.85
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	$ 1.70
Postmark or Date	MAY 17 1988

PS Form 3800, Feb. 1982 ★ U.S.G.P.O. 1984-446-014

P 169 585 745

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to Mr Jimmy Acree	
Street and No. Star Route	
P.O., State and ZIP Code Jal, NM 88252	
Postage	$ .85
Certified Fee	.85
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	$ 1.70
Postmark or Date	MAY 17 1988

PS Form 3800, Feb. 1982 ★ U.S.G.P.O. 1984-446-014

P 169 585 746

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to Mr. Jimmy C Weir	
Street and No. P.O. Box 777	
P.O., State and ZIP Code Jal, NM 88252	
Postage	$ .85
Certified Fee	.85
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	$ 1.70
Postmark or Date	MAY 17 1988

PS Form 3800, Feb. 1982 ★ U.S.G.P.O. 1984-446-014

P 169 585 747

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to Mesa Oil & Gas Co.	
Street and No. P O Box 1610	
P.O., State and ZIP Code Midland, Tx. 79702	
Postage	$ .85
Certified Fee	.85
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	$ 1.70
Postmark or Date	MAY 17 1988

PS Form 3800, Feb. 1982 ★ U.S.G.P.O. 1984-446-014

P 169 585 748

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to Doyle Hartman	
Street and No. 500 N Main	
P.O., State and ZIP Code Midland, Tx. 79705	
Postage	$ .85
Certified Fee	.85
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	$ 1.70
Postmark or Date	MAY 17 1988

PS Form 3800, Feb. 1982 ★ U.S.G.P.O. 1984-446-014

AFFIDAVIT OF PUBLICATION

State of New Mexico,
County of Lea.

I,_____

William H. Shearman, Jr.

of the Hobbs Daily News-Sun, a daily newspaper published at Hobbs, New Mexico, do solemnly swear that the clipping attached hereto was published once a week in the regular and entire issue of said paper, and not a supplement thereof for a period

of_____

One weeks.

Beginning with the issue dated

May 17, 1988

and ending with the issue dated

May 17, 1988

Bill Shearman

Publisher.

Sworn and subscribed to before me this 17 day of May, 1988

Vera Murphy

Notary Public.

My Commission expires

November 14, 1988

(Seal)

This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937, and payment of fees for said publication has been made.

44 **LEGAL NOTICE**
May 17, 1988

Notice is hereby given of the application of Texaco Producing Inc., Attention: L.J. Seeman, District Petroleum Engineer, P.O. Box 728, Hobbs, New Mexico, 88240, Telephone (505) 393-7191, to the Oil Conservation Division, New Mexico Energy & Minerals Department, for approval of the following injection well(s) for the purpose of secondary recovery.

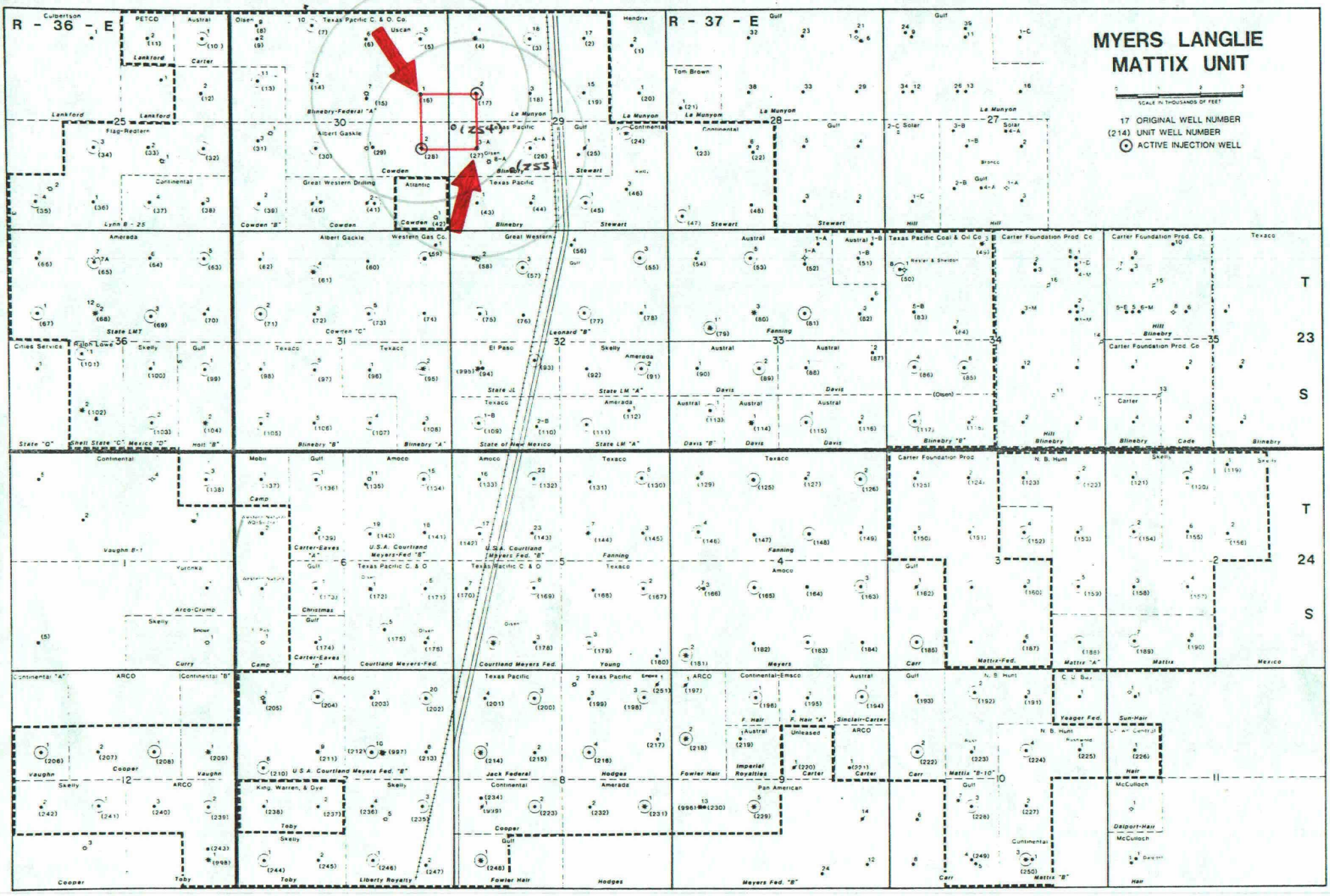
Well(s) No(s).: 16&27

Lease/Unit Name: Myers Langlie Mattix Unit

Location: #16 — 1980' FNL & 660' FEL, Section 30, T-23-S, R-37-E

#27 — 1980' FSL & 660' FWL, Section 29, T-23-S, R-37-E Lea County, New Mexico.

The injection formation is Langlie Mattix (Seven Rivers & Queen Formations) at a depth of 3,440 feet below the surface of the ground. Expected maximum injection rate is 400 barrels per day, and expected maximum injection pressure is 900 pounds per square inch. Interested parties must file objections or requests for hearing with the Oil Conservation Division, P.O. Box 2088, Santa Fe, New Mexico, 87501, within fifteen (15) days of this publication.


R - 36 - E
R - 37 - E
MYERS LANGLIE MATTIX UNIT
SCALE IN THOUSANDS OF FEET
17 ORIGINAL WELL NUMBER
(214) UNIT WELL NUMBER
ACTIVE INJECTION WELL
T 23 S
T 24 S
Texas Pacific C. & O. Co.
Blinebry-Federal "A"
Albert Gackle
Cowden
Great Western Drilling
Atlantic
Texas Pacific
Blinebry
Stewart
Western Gas Co.
Great Western
Leonard "B"
Amerada
State LM "A"
Texaco
State of New Mexico
El Paso
State JL
Skelly
Gulf
Austral
Davis
Fanning
Texas Pacific Coal & Oil Co.
Carter Foundation Prod. Co
Hill
Blinebry
Carter
Cade
Mattix
Mattix-Fed.
Mattix "A"
Mattix "B-10"
Mattix "B"
Mexico
Meyers
Meyers Fed. "B"
Carr
Courtland Meyers-Fed.
Courtland Meyers Fed.
U.S.A. Courtland Meyers-Fed "B"
Carter-Eaves "A"
Carter-Eaves "B"
Christmas
Camp
Vaughn
Cooper
Toby
Jack Federal
Hodges
Fowler Hair
Imperial Royalties
Sinclair-Carter
Pan American
Continental-Emsco
Lankford
Flag-Redfern
Lynn B - 25
State LMT
Shell State "C"
Mexico "D"
Holt "B"
Cowden "B"
Cowden "C"
Blinebry "A"
Blinebry "B"
Davis "B"
Blinebry "B"
Hill Blinebry
Carter Blinebry
Cade Blinebry
Mattix "A"
Mattix "B-10"
Mattix "B"
Yeager Fed.
Sun-Hair
Hair
Daiport-Hair
Arco-Crump
Curry
Young
Liberty Royalty
Fowler Hair
Hodges
Meyers Fed. "B"
Carr
Mattix-Fed.
Mattix "A"
Mattix "B-10"
Mattix "B"
Hair
Daiport-Hair
McCulloch
Continental
Amoco
Texaco
Gulf
Skelly
Austral
Carter Foundation Prod
N. B. Hunt
Pan American
Continental-Emsco
Unleased
ARCO
Tom Brown
Bronco
Solar
Hill
Blinebry
Cade
Mattix
Mexico
Hair
Daiport-Hair
McCulloch
Yeager Fed.
Sun-Hair
Vaughn B-1
Yuronka
Arco-Crump
Curry
Vaughn
Cooper
Toby
Liberty Royalty
Fowler Hair
Hodges
Meyers Fed. "B"
Carr
Mattix-Fed.
Mattix "A"
Mattix "B-10"
Mattix "B"
Hair
Daiport-Hair
McCulloch
Continental "A"
Continental "B"
ARCO
Skelly
Amoco
Texaco
Gulf
Austral
Carter Foundation Prod
N. B. Hunt
Pan American
Continental-Emsco
Unleased
ARCO
Tom Brown
Bronco
Solar
Hill
Blinebry
Cade
Mattix
Mexico
Hair
Daiport-Hair
McCulloch
Yeager Fed.
Sun-Hair
Vaughn B-1
Yuronka
Arco-Crump
Curry
Vaughn
Cooper
Toby
Liberty Royalty
Fowler Hair
Hodges
Meyers Fed. "B"
Carr
Mattix-Fed.
Mattix "A"
Mattix "B-10"
Mattix "B"
Hair
Daiport-Hair
McCulloch

INJECTION WELL DATA SHEET

Texaco Producing Inc (OPERATOR) Myers Langlie Mattix Unit (LEASE)

16 (WELL NO.) 1980FNL & 660FEL (FOOTAGE LOCATION) 30 (SECTION) 23S (TOWNSHIP) 37E (RANGE)

Schematic

See attached wellbore schematic.

Tabular Data

Surface Casing

Size 9 5/8" " Cemented with 500 sx.

TOC circulated feet determined by _____

Hole size NA

Long string

Size 7", 24# " Cemented with 250 sx.

TOC 1581 feet determined by calc 30% fillup

Hole size 8 1/2"

Liner

Size 4 1/2", 9.5# " Cemented with 250 sx.

TOC circulated feet determined by _____

Hole size 6 1/8"

Total depth liner 3147-3754

Injection interval

3527 feet to 3696' feet

(perforated or open-hole, indicate which)

Tubing size 2 3/8" lined with Plastic (material) set in a

Baker AD-1 (brand and model) packer at 3480' feet

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation Langlie Mattix - 7-Riv-QN-GB

2. Name of Field or Pool (if applicable) Langlie Mattix

3. Is this a new well drilled for injection? ☐ Yes ☒ No

If no, for what purpose was the well originally drilled? Production on the Myers Langlie Mattix Unit waterflood.

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) No.

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. Previously Submitted as per NMOCD order R-4680

Myers Langlie Mattix Unit No 16
Section 30 T23S R37E
1980 FNL and 660 FEL
3323 DF

Present

Proposed

9 5/8", 40", 500 sks cement circulated

2 3/8", 4.7#, J-55, IPC tubing with 4 1/2" Baker AD-1 Packer

Top of Liner at 3147'

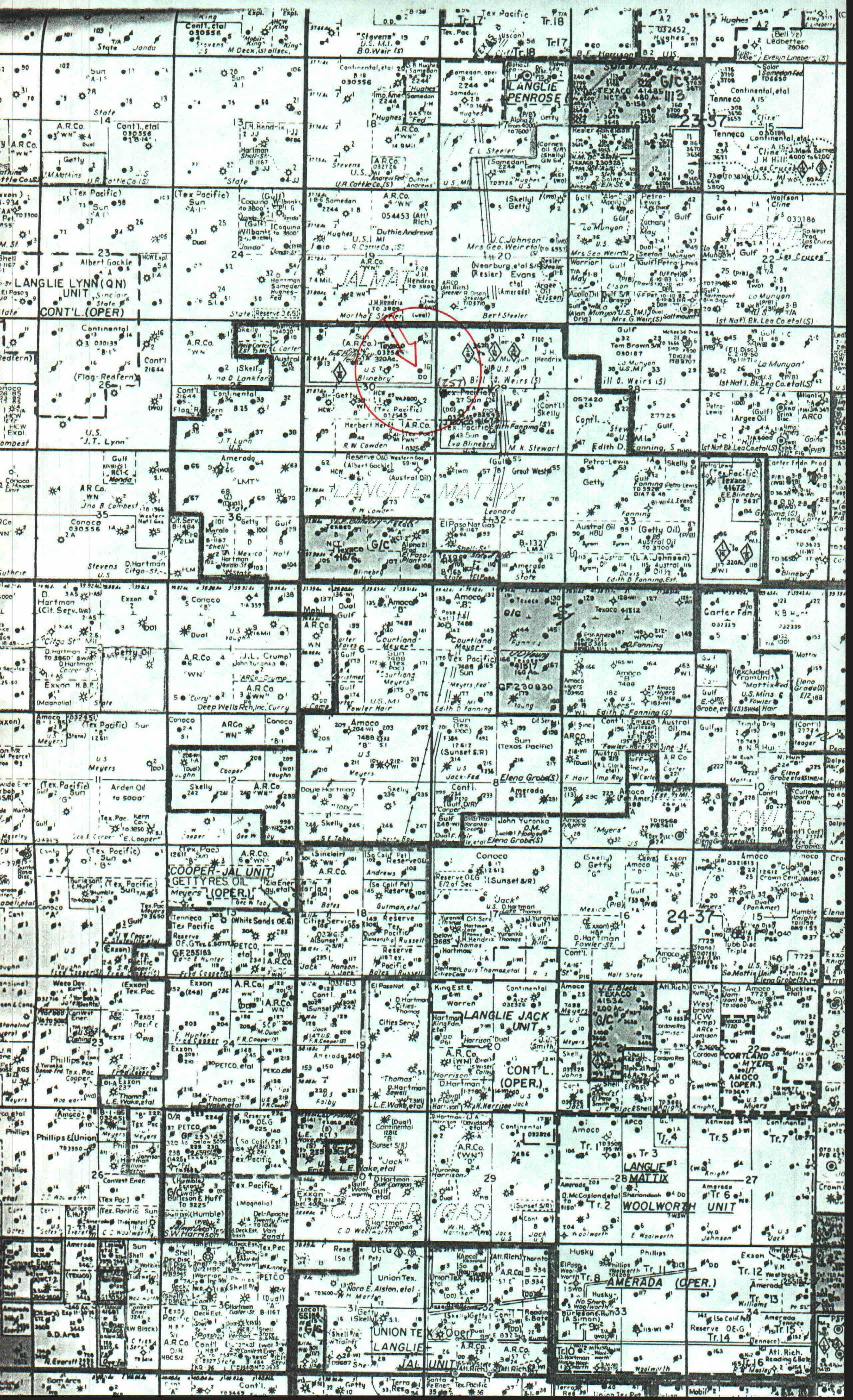
7", 24#, National, 250 sks
Top of cement at 1581'
CaCl 80% fillup in 8 1/2" hole

Langlie Mattix Interval

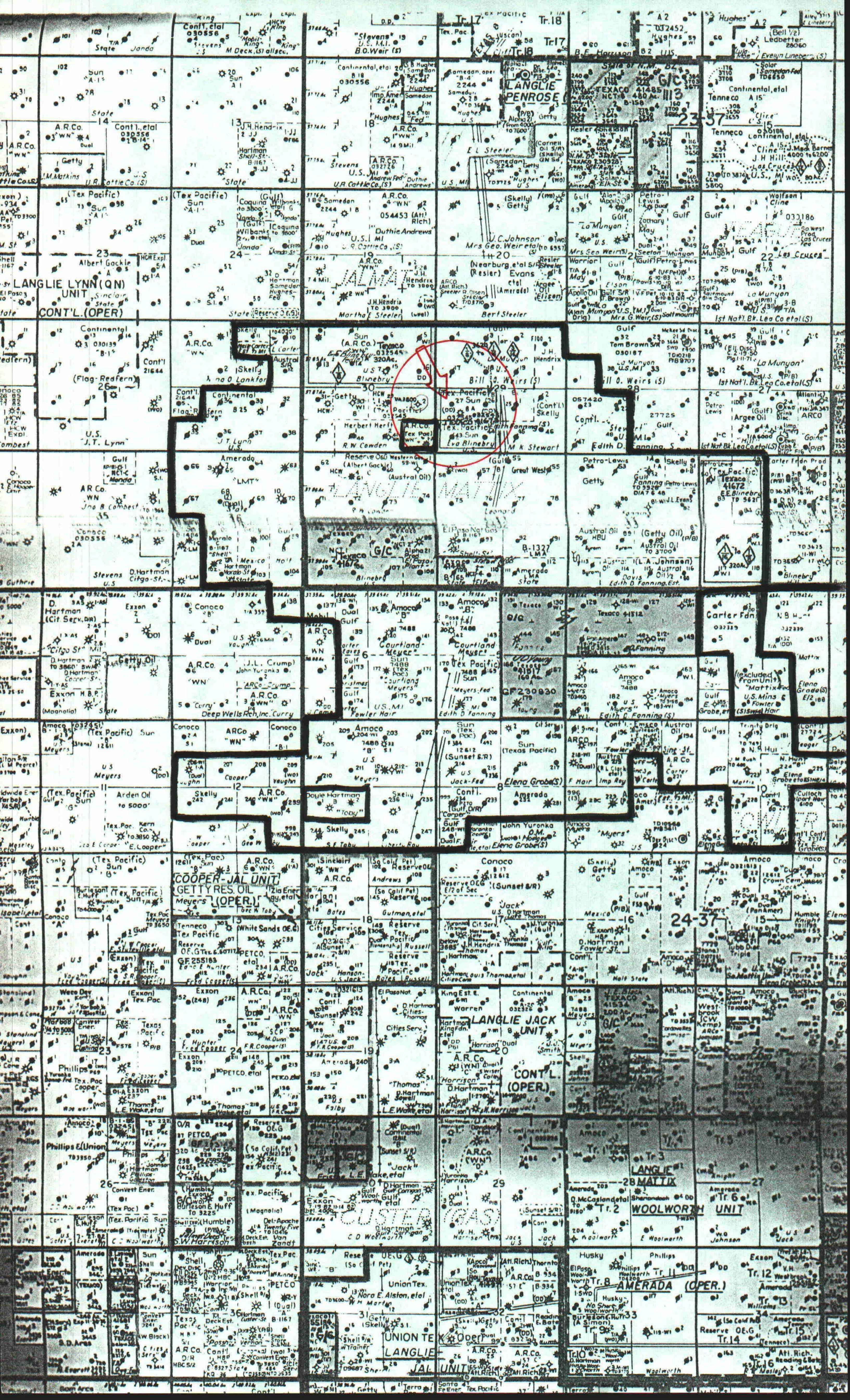
Perforations at 3527, 32, 56, 58, 62, 66, 75, 81, 82, 96, 3622, 30, 38, 48, 53, 60, 65, 74, 85, 89, 92, and 96 (23x, .38" holes)
Acidized w/ 3000 Gal 15% HCL
Fractured w/ 30000 Gal 6/9/82

PBTD 3749
3754

4 1/2", 9.5, J-55, National
250 sacks cmt circ



LANGLIE PENROSE
G/C
23-37
LANGLIE LYNN (QN) UNIT
CONT'L. (OPER)
JALMAT
LANGLIE MATTIX
24-37
COOPER-JAL UNIT
GETTY RES. OIL (OPER.)
LANGLIE JACK UNIT
CONT'L. (OPER.)
CORTLAND MYERS UNIT
AMOCO (OPER.)
LANGLIE MATTIX WOOLWORTH UNIT
AMERADA (OPER.)
CUSTER (GAS)
UNION TEX
LANGLIE JAL UNIT


LANGLIE LYNN (QN) UNIT
CONT'L.(OPER)
LANGLIE PENROSE
23-37
JALMAT
LANGLIE MATTIX
COOPER-JAL UNIT
GETTY RES. OIL
(OPER.)
24-37
LANGLIE JACK UNIT
CONT'L. (OPER.)
LANGLIE MATTIX
WOOLWORTH UNIT
CUSTER (GAS)
AMERADA (OPER.)
UNION TEX. Oper.
LANGLIE
JAL UNIT

INJECTION WELL DATA SHEET

Texaco Producing Inc. (OPERATOR) Myers Langlie Mattix Unit (LEASE)

27 (WELL NO.) 1980 FSL and 66 FWL (FOOTAGE LOCATION) 29 (SECTION) 23S (TOWNSHIP) 37E (RANGE)

Schematic

See attached wellbore schematic.

Tabular Data

Surface Casing

Size 9 5/8", 36# " Cemented with 250 sx.

TOC circulated feet determined by _____

Hole size 12"

Intermediate Casing

Size NA " Cemented with _____ sx.

TOC _____ feet determined by _____

Hole size _____

Long string

Size 5 1/2", 17# " Cemented with 600 sx.

TOC 925' feet determined by calculated 80% fill up

Hole size 8 1/2" (est)

Total depth 3635

Injection interval

3440 feet to 3635 feet

(perforated or open-hole, indicate which)

Tubing size 2 3/8", 4.7# lined with Plastic (material) set in a

Baker AD-1 (brand and model) packer at 3400' feet

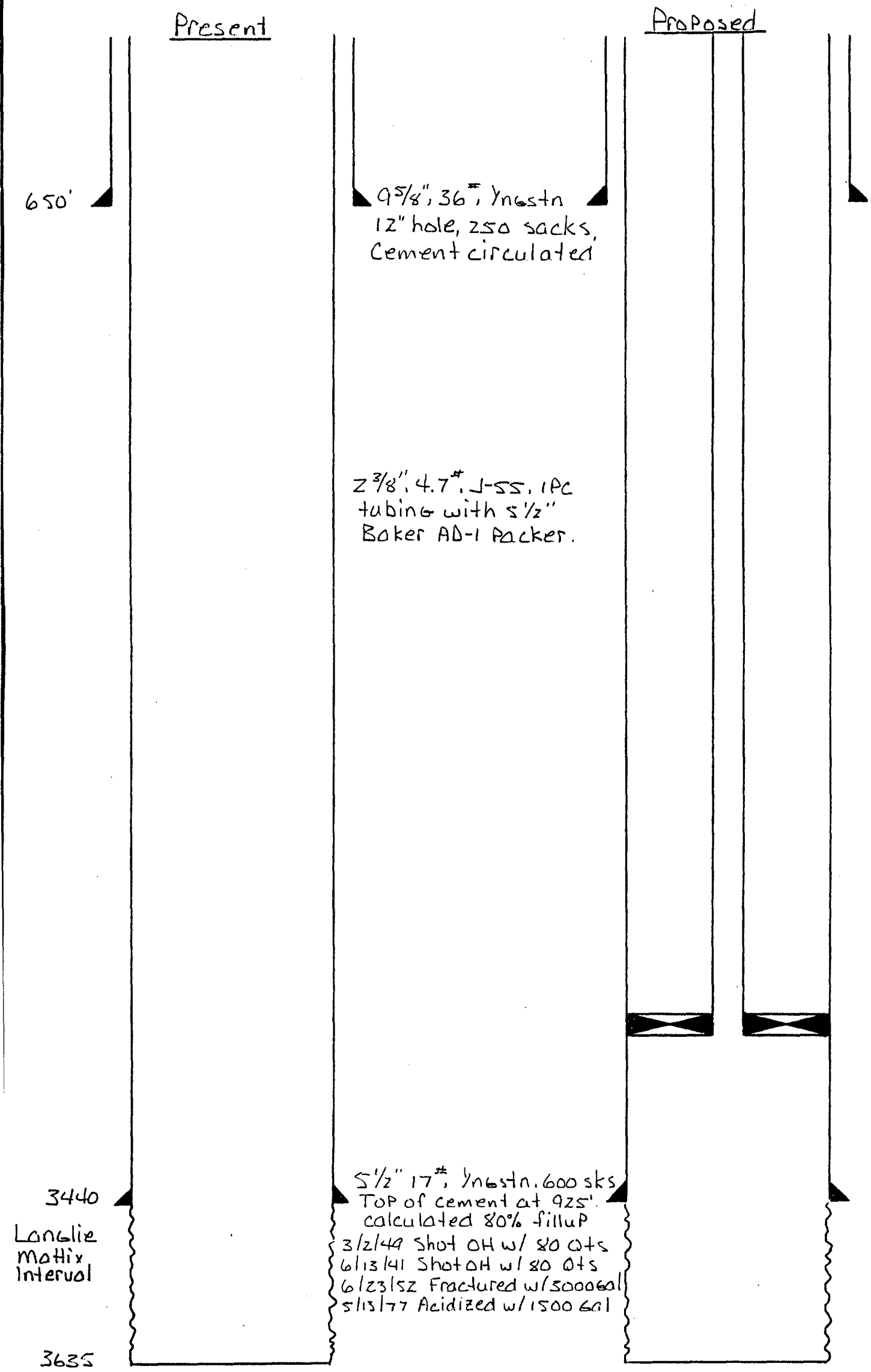
(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation Seven Rivers - Queen - Grayburg.
2. Name of Field or Pool (if applicable) Langlie Mattix
3. Is this a new well drilled for injection? ☐ Yes ☒ No

   If no, for what purpose was the well originally drilled? Production well.
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) No.
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. Previously submitted as per NMOCD Order R4680 (attached)

Myers Langlie Mattix Unit No 27
1980 FSL and 660 FWL
DF 3323
Section 29, T23S, R37E



Operator Lease and Well No.	Completion Date	Location Unit	Sec-Tw-Rge	Elevation	Well Total Depth, Ft.	Casing Data Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	Present Prod. Zone, Perfs.
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 344[illegible]-3[illegible]
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 348[illegible]-3[illegible]
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 353[illegible]
						4"	12.4	3502	100	3438'	3410'-3[illegible]
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'-3[illegible]
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 34[illegible]
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 339[illegible]-3[illegible]
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 346[illegible]
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	1890'*	O-H 35[illegible]
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 342[illegible]
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	1[illegible]	O-H 340[illegible]
Courtland Meyers # 1	8-5-54	J	6-24-37	3322' DF	3589	10-3/4"	32.7	387	250	Circ.	O-H 352[illegible]
						7"	23.0	3477	300	1947'*	[illegible]
Courtland Meyers # 2	11-1-54	P	6-24-37	3316' DF	3561	10-3/4"	32.0	391	250	Circ.	[illegible]
						7"	23.0	3455	350	1669'*	[illegible]

Operator Lease and Well No.	Completion Data	Location Unit	Sec-Tp-Rge	Elevation	Well Total Depth, Ft.	Casing Data Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	
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.
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	4A	2300'*	Perf.
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.
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'*	
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
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
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
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.
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	2267'*	Perf.
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'*	
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'*	
Blinebry "B" # 8	10-8-61	D	34-23-37	3297' DF	3598	8-5/8"	24.0	322	300	Circ.	
						5-1/2"	14.0	3598	300	2920'*	Perf.

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.	Prod. Int.
St. M. Nex. "B" (NCT-4) # 2	12-13-61	M	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'-
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'-363
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'-357
						7"	20.0	3455	450	1159'*	(Jalmat 2945'
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'

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.	Produc Open H
E. E. Blinebry "B" (HCT-1) # 5	10-22-51	H	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'-36
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'-36
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'-36
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 342 -3
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'-354
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'-361
E. D. Fanning # 6	4-12-60	D	4-24-37	3285' DF	3680	7-5/8"	24.0	400	300	Circ.*	Perf. 3493'-3
						4-1/2"	10.0	3680	400	760'*	(Packer at 3078', 11-int
E. D. Fanning # 7	7-21-61	G	5-24-37	3294' DF	3687	7-5/8"	24.0	1175	580	Circ.	Perf. 3509'-3
						4-1/2"	10.0	3687	500	517'	(BP 3239') 1-interval
St. N. Mex. "B" (HCT-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

Operator and Well No.	Completion Date	Location Unit	Sec-Ts-Re	Elevation	Well Total Depth, Ft.	Casing Data Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	Present Completion Open Hole - Perf.
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'
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'
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' (P
						5-1/2"	NA	3465	300	2137'*	(Jalmat 2693'-3040'
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' (P
						4-1/2"	NA	3407	-	-Liner	(Jalmat 2962'-3154
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'-3320'
Vaughn B Federal # 3	12-27-49	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'
CROWN CENTRAL PET. CORP.											
C. 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

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
G. 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'
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'
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. 3516
						5-1/2"	14.0	3663	300	2335'*	(Jalmat 30
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. 3[illegible]
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'
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'
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'
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 3[illegible]
						4-1/2"	9.5	3645	-	Liner	(Jalm[illegible]

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 Open Hole
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'-36
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'-361
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'-
						5-1/2"	14.0	3479	150	2540'	(Jalmat
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'
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 3479'
						7"	23.0	3470	650	Circ.	(Jalmat
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'
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
H. 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'
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
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

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 Open Hole
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'-35[illegible]
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'-[illegible]
GULF OIL CORP.											
S. J. Carr # 2	3-14-39	E	10-24-37	3271' DF	3600	10-3/4"	51.0	255	NA	Circ.	
						7"	20.0	3367	250	2285'	O-H 3367'-360[illegible]
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'-35[illegible]
S. J. Carr # 4	6-11-41	M	10-24-37	3258' DF	3696	9-5/8"	NA	210	NA	Circ.	
						5-1/2"	14.0	3346	350	1796'*	O-H 3346'-[illegible]
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'-[illegible]
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'-36[illegible]
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'-35[illegible]
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'-36[illegible]
Fowler Hair # 1	4-11-48	M	8-24-37	3296' DF	3625	9-5/8"	36.0	299	300	Circ.	
						7"	23.0	3440	600	379'*	O-H 3440'-36[illegible] (Jalmat 2[illegible]
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 3450-36[illegible]
J. R. Holt "B" State # 2	8-6-49	P	36-23-36	3328' DF	3608	9-5/8"	36.0	307	NA	Circ.	
						5-1/2"	15.5	3389	900	650'	O-H 3389'-36[illegible] (Jalmat [illegible]

Operator Lease and Well No.	Completion Date	Location Unit	Sec-Ts-Rs	Elevation	Well Total Depth, Ft.	Casing Date Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	Present Completion Interval Open Hole
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. [illegible]
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. [illegible]
						4-1/2"	NA	3682	NA	Liner	3-Intervals
GETTY OIL CO.											
E. 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'-3615' [illegible]
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'

Operator Lease and Well No.	Completion Data	Location Unit	Sec-Ts-Rg	Elevation	Well Total Depth, Ft.	Casing Data Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	Perforations
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. 3[illegible]
						4-1/2"	NA	3719	200	2606'*	[illegible]
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	300	Circ.*	
						4-1/2"	NA	3644	-	Liner	Liner Perf.
Lynn B-25 Federal # 2	12-30-50	J	25-23-36	3348' KB	3665	8-5/8"	NA	1214	400	Circ.*	O-H 3478'[illegible]
						5-1/2"	15.5	3478	940	Circ.*	3367', 3-1[illegible]
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 3[illegible]
[illegible] GACKLE											
R. M. Cowden # 2	3-9-66	I	30-23-37	3324' KB	3800	8-5/8"	24.0	275	150	Circ.*	Perf. 3[illegible]
						4-1/2"	9.5	3800	400	1578'*	Perf. 3[illegible]
R. M. Cowden "B" # 2	6-20-49	M	30-23-37	3343' DF	3800	8-5/8"	24.0	1237	500	Circ.	
						5-1/2"	14.0	3485	600	600'*	O-H 3485'-[illegible]
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'-[illegible]
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 Treat.

RE EXAMINER STAFF
NSERVATION COMMISSION
EXHIBIT NO. 5
O. 5087
Skelly
Date 10-31-73

WELL COMPLETION DATA
Skelly Operated

MYERS LANGLIE MATTIX UNIT
Lea County, New Mexico

Location	Unit	Sec-Tw-Rg	Elevation	Well Total Depth, Ft.	Casing Data: Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	Present Completion Interval Open Hole - Perforations, Etc.	Type Well Present
30-42	H	8-24-37	3283' DF	3586	7-5/8"	22.0	317	175	Circ.*	O-H 3475'-3586' Perf 3380'-3460' (Jalmat 2875'-2950', 2990'-3065')	Inj. - (Dua
					5-1/2"	15.5	3475	300	2370'		
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.
	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.
	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.
	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.
	F	36-23-36	3323' DF	3600	8-5/8"	32.0	317	176	Circ.	O-H 3455'-3600' (PBD 3445')	Prod. - Gas
					5-1/2"	15.5	3455	510	1887'	(Jalmat 2930'-3430', 5-intervals)	
	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.
	M	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.
	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', 5-intervals)	
	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.

EXAMINER
CONSERVATION COMM.
EXHIBIT NO. 5
CASE NO. 3251
Skelly
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-Rg	Location Elevation	Well Total Depth, Ft.	Casing Data Size	Wt.	Depth Ft.	No. Sacks	Top Cmt.	Present Completion Interval Open Hole - Perforations
AMERADA HESS CORP.											
D. M. Hodges # 1	11-30-41	H	8-24-37	3283' DF	3336	7-5/8"	22.0	317	175	Circ.*	O-H 3475'-3586' Perf [illegible]
						5-1/2"	15.5	3475	300	2370'	(Jalmat 2875'-2950', [illegible]
D. M. Hodges # 2	4-19-35	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'
State LM "A" Com # 1	12-23-53	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-Interv[illegible]
State LM "A" Com # 2	11-1-57	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', 2-Int[illegible]
State LM "I" # 1	3-24-46	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'
State LM "I" # 2	12-21-48	F	36-23-36	3323' DF	3600	8-5/8"	32.0	317	176	Circ.	O-H 345[illegible]
						5-1/2"	15.5	3455	510	1887'	[illegible]
State LM "I" # 3	1-27-49	G	36-23-36	3331' DF	3600	8-5/8"	[illegible]	[illegible]	200	Circ.	
						5-1	[illegible]	3460	500	1900'	O-H 3460'-3600'
State [illegible] # 4	2-28-[illegible]	[illegible]	[illegible]	[illegible]	3609	8-5/8"	31.0	328	200	Circ.	
						5-1/2"	15.5	3465	500	2026'	O-H 3465'-3609'
[illegible]	4-24-[illegible]	A	[illegible]	3329' DF	3600	8-5/8"	32.0	307	175	Circ.	O-H 3485'-3590' (BP-3470')
						5-1/2"	15.5	3485	500	2200'	(Jalmat 2835'-3420', 6-Interv[illegible]
[illegible]	5-14-44	B	[illegible]	3338' DF	3600	8-5/8"	28.0	309	200	Circ.	
						5-1/2"	15.5	3490	500	2150'	O-H 3490'-3600'

(MIGUEL CREEK-GALLUP (NORTHERN MINERALS MCKINLEY GALLUP WATERFLOOD AND RULES) POOL - Cont'd.)

The Secretary-Director may approve the proposed well if, within 20 days after receiving the application, no objection to the proposal is received. The Secretary-Director may grant immediate approval, provided waivers of objection are received from all offset operators. The Secretary-Director may approve injection through casing without tubing in the proposed well if the waters occurring above the Gallup pay, if any, or if there are no water-, oil-, or gas-bearing zones above the Gallup pay zone.

(7) That the operator shall file annual analyses of waters injected through casing in wells in said project upon a change or source of injected water including the reinjection of produced water.

(8) 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.

(9) That Commission Order No. R-4649 is hereby superseded.

(10) 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.

[redacted]

Order No. R-4680, Authorizing Skelly Oil Company to Institute a Waterflood Project in the Myers Langlie-Mattix Unit Area in the Langlie-Mattix Pool, Lea County, New Mexico, November 20, 1973.

Application of Skelly Oil Company for a Waterflood Project, Lea County, New Mexico.

CASE NO. 5087
Order No. R-4680

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 singlely 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.

(LANGLIE-MATTIX (MYERS LANGLIE-MATTIX UNIT WATERFLOOD) POOL - Cont'd.)

(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.

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 Munyon 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
TOWNSHIP 24 SOUTH, RANGE 36 EAST, NMPM					
7	138	A	1	Conoco	Vaughn B No. 3
6	206	E	12	Conoco	Vaughn A 12 No. 1
64	208	G	12	Atlantic	Cooper No. 1
66	239	I	12	Atlantic	Toby No. 2
65	241	K	12	Skelly	Cooper No. 1
TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM					
39	120	C	2	Skelly	Mattix A No. 5
40	154	E	2	Skelly	Mattix A No. 2
42	156	G	2	Skelly	Mexico P No. 2
40	157	K	2	Skelly	Mattix No. 4
10	122	A	3	Hunt	Mattix A No. 22

(LANGLIE-MATTIX (MYERS LANGLIE-MATTIX UNIT WATERFLOOD) POOL - Cont'd.)

Tract Number	Unit Well No.	Unit Letter	Section	Former Operator	Former Lease Name and Well No.
11	152	G	3	Hunt	Mattix A No. 4
10	159	I	3	Hunt	Mattix A No. 5
61	146	E	4	Texaco	Fanning No. 4
28	132	C	5	Amoco	Meyers B No. 22
28	142	E	5	Amoco	Meyers B No. 17
60	144	G	5	Texaco	Fanning No. 7
26	169	K	5	Texas Pacific	Meyers No. 8
26	177	M	5	Texas Pacific	Meyers No. 2
62	179	O	5	Texaco	Young No. 3
28	134	A	6	Amoco	Meyers B No. 22
58	136	C	6	Gulf	Eaves A No. 1
28	140	G	6	Amoco	Meyers B No. 19
26	171	I	6	Texas Pacific	Meyers No. 6
26	175	O	6	Texas Pacific	Meyers No. 5
28	202	A	7	Amoco	Meyers B No. 20
27	210	E	7	Amoco	Meyers B No. 6
28	212	G	7	Amoco	Meyers B No. 10
69	235	I	7	Skelly	Liberty Rty. No. 3
67	237	K	7	King Warren & Dye	Toby No. 2
68	244	M	7	Skelly	Toby No. 1
69	246	O	7	Skelly	Liberty Rty. No. 1
72	198	A	8	Texas Pacific	Hodges No. 5
29	200	C	8	Texas Pacific	Jack No. 3
29	214	E	8	Texas Pacific	Jack No. 1
72	216	G	8	Texas Pacific	Hodges No. 4
73	231	I	8	Amerada	Hodges No. 1
70	233	K	8	Conoco	Cooper No. 2
79	194	A	9	Byrom	Sinclair No. 1
75	196	C	9	Cont-Emsco	Hair No. 1
74	218	E	9	Atlantic	Hair No. 2
27	229	K	9	Amoco	Meyers B No. 5
13	192	C	10	Hunt	Mattix B10 No. 2
63	222	E	10	Gulf	Carr No. 2
12	224	G	10	Hunt	Mattix B No. 4
63	228	K	10	Gulf	Carr No. 3
12	250	O	10	Hunt	Mattix B No. 3

SOUTH HOSPAH-UPPER SAND POOL
SOUTH HOSPAH-LOWER SAND POOL
(Tenneco Waterflood Expansions - Order No. R-5506)
McKinley County, New Mexico

Order No. R-5506, Authorizing Tenneco Oil Company to Expand its Waterflood Projects in the South Hospah-Upper Sand and South Hospah-Lower Sand Pools, McKinley County, New Mexico, August 9, 1977.

Application of Tenneco Oil Company for Dual Completions and Waterflood Expansions, McKinley County, New Mexico.

CASE NO. 5995
Order No. R-5506

ORDER OF THE COMMISSION

BY THE COMMISSION: This cause came on for hearing at 9 a.m. on July 20, 1977, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 9th day of August, 1977, 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, Tenneco Oil Company, seeks authority to expand its South Hospah-Upper Sand and South Hospah-Lower Sand Waterflood Projects by dually completing its Hospah Unit Wells Nos. 58 and 59, located in Units F and G, respectively, of Section 12, Township 17 North, Range 9 West, McKinley County, New Mexico, in such a manner as to permit water injection into each of said zones through parallel strings of tubing.

(3) That the applicant proposes to complete said Hospah Unit Wells Nos. 58 and 59 with parallel strings of tubing, packers set immediately above the injection intervals, and provide for testing to determine any leakage of the tubing, casing or upper packers.

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

5-25-88

GARREY CARRUTHERS
GOVERNOR

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

RE: Proposed:
MC
DHC
NSL
NSP
SWD
WFX X
PMX

#16-H 30-23-37
#27-L 29-23-37

Gentlemen:

I have examined the application for the:

Texaco Prod. Inc Myers Langlie Mattix Unit
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK

Yours very truly,

Jerry Sexton
Supervisor, District 1

/ed