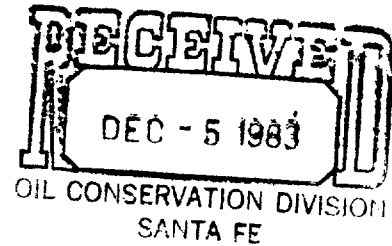


# Union Texas Petroleum

Southwest Division  
1400 Wilco Building  
Midland, Texas 79701  
(915) 684-0600

December 1, 1983

State of New Mexico  
Energy & Minerals Department  
Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87501



Attention: Underground Injection

RE: Application for Authorization to Inject  
Langlie-Jal Unit, Lea County, New Mexico

Gentlemen:

Union Texas Petroleum Corporation requests Administrative Approval to convert Langlie-Jal Unit Well Nos. 10, 18, 20, 22, 24, 26, 34, 36, 38 and 44 to Water Injection and inject salt water into a formation productive of oil and gas. This is an expansion of previous approved secondary recovery project order no. R-4051, approved November, 1970.

Attached is Form C-108 along with maps and data tabulations for the ten (10) wells to be converted. A tabulation of data of all wells within the area of review is also attached.

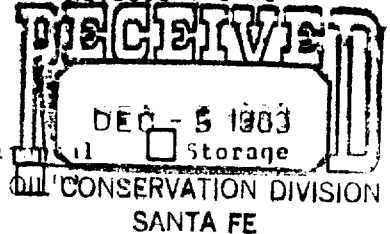
A legal notice was published in the "Hobbs Daily News-Sun" and all offset operators and surface owners have been notified by certified mail. Should further information be needed, please call me at 915-684-0636.

Very truly yours,

UNION TEXAS PETROLEUM CORPORATION

A handwritten signature in cursive script, appearing to read "Richard Atchley".

Richard Atchley  
Engineering Analyst



APPLICATION FOR AUTHORIZATION TO INJECT

- I. Purpose: ☒ Secondary Recovery ☐ Pressure Maintenance ☐ Disposal ☐ Storage  
Application qualifies for administrative approval? ☒ yes ☐ no
- II. Operator: Union Texas Petroleum Corporation  
Address: 1300 Wilco Building, Midland, Texas 79701  
Contact party: Richard Atchley Phone: 915-684-0636
- 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 R-4051, Nov. 1970.
- 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.
- \* 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.).
- \*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.
- \* 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.
- 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: Richard Atchley Title: Engineering Analyst  
Signature: *Richard Atchley* Date: 12-01-83
- \* 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. Order No. R-4051, November, 1970

## 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.

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.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (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.

## 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.

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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.

SUPPLEMENT TO FORM C-108  
APPLICATION FOR AUTHORIZATION TO INJECT  
UNION TEXAS PETROLEUM CORPORATION  
LANGLIE JAL UNIT

- III WELL DATA: See attached well data sheet.
- V Map attached.
- VI A tabulation of data on all wells within each wells area of review is attached.
- VII Data on Proposed Operation:
1. Estimated Average Daily Rate 750  
Estimated Average Daily Volume 750  
Estimated Maximum Daily Rate 800  
Estimated Maximum Daily Volume 1200
  2. The system is closed
  3. Estimated Average Injection Pressure 750  
Estimated Maximum Injection Pressure 800
  4. Produced water is reinjected plus water from water supply well #1.
  5. Injection is not for disposal purposes.
- VIII This information previously furnished November, 1970, OCC Order No. R-4051.
- IX Each well to be stimulated with 3000 gallons 7-1/2% iron sequestered acid with a surfactant and chelating agent.
- X Logging data previously furnished.
- XI A chemical analysis of water supply well no. 1 is attached.
- XII N/A
- XIII "Proof of Notice" attached. Offset operators and surface owners has been notified by certified mail.

## Offset Operators and Surface Owners

Getty Oil Company  
P. O. Box 1231  
Midland, Texas 79702

APCO Oil Corporation  
210 Park Avenue  
1st. National Bank Bldg.  
Oklahoma City, Okla. 73101

ARCO Oil & Gas Company  
P. O. Box 1610  
Midland, Texas 79702

Amerada Hess  
P. O. Box 2040  
Tulsa, Okla 74102

Doyle Hartman, Inc.  
P. O. Box 10406  
Midland, Texas 79702

Sun Exploration & Production  
P. O. Box 1861  
Midland, Texas 79702

Gulf Oil Corporation  
P. O. Box 1150  
Midland, Texas 79702

El Paso Natural  
No. 2 Petroleum Center  
Midland, Texas 79701

Terra Resources, Inc.  
200 Wall Towers West  
Midland, Texas 79701

Westates Italo Co.  
1504 One Houston Center  
Houston, Texas 77010

Santa Fe Energy  
One Security Park  
7200 I-40 West  
Amarillo, Texas 79106

Phillips Petroleum  
4001 Penbrook  
Odessa, Texas 79762

Mobil Oil Corporation  
P. O. Box 1800  
Hobbs, New Mexico 88240

Conoco, Inc.  
P. O. Box 460  
Hobbs, New Mexico 88240

PETCO  
1100 1st National Bank Bldg.  
Houston, Texas 77002

Woolworth Estate  
C/O Board of Trustees  
Jal, New Mexico 88252

J. T. Crawford  
Jal, New Mexico 88252

**WATER ANALYSIS REPORT**COMPANY Union Texas Petroleum ADDRESS \_\_\_\_\_ DATE: 1-8-82SOURCE WSW #1 DATE SAMPLED 1-8-82 ANALYSIS NO. \_\_\_\_\_  
Analysis Mg/L \*Meq/L

1. pH	<u>7.5</u>			
2. H <sub>2</sub> S (Qualitative)	<u>230 ppm</u>			
3. Specific Gravity	<u>1.010</u>			
4. Dissolved Solids		<u>19465</u>		
5. Suspended Solids				
6. Phenolphthalein Alkalinity (CaCO <sub>3</sub> )				
7. Methyl Orange Alkalinity (CaCO <sub>3</sub> )		<u>570</u>		
8. Bicarbonate (HCO <sub>3</sub> )		HCO <sub>3</sub> <u>695</u> ÷ 61	<u>11</u>	HCO <sub>3</sub>
9. Chlorides (Cl)		Cl <u>11191</u> ÷ 35.5	<u>315</u>	Cl
10. Sulfates (SO <sub>4</sub> )		SO <sub>4</sub> <u>2250</u> ÷ 48	<u>47</u>	SO <sub>4</sub>
11. Calcium (Ca)		Ca <u>1600</u> ÷ 20	<u>80</u>	Ca
12. Magnesium (Mg)		Mg <u>1337</u> ÷ 12.2	<u>110</u>	Mg
13. Total Hardness (CaCO <sub>3</sub> )		<u>9500</u>		
14. Total Iron (Fe)				
15. Barium (Qualitative)				
16. Strontium				

\*Milli equivalents per liter

**PROBABLE MINERAL COMPOSITION**

Compound	Equiv. Wt.	X	Meq/L	=	Mg/L
Ca (HCO <sub>3</sub> ) <sub>2</sub>	81.04		<u>11</u>		<u>891</u>
Ca SO <sub>4</sub>	68.07		<u>47</u>		<u>3199</u>
Ca Cl <sub>2</sub>	55.50		<u>22</u>		<u>1221</u>
Mg (HCO <sub>3</sub> ) <sub>2</sub>	73.17				
Mg SO <sub>4</sub>	60.19				
Mg Cl <sub>2</sub>	47.62		<u>110</u>		<u>5238</u>
Na HCO <sub>3</sub>	84.00				
Na <sub>2</sub> SO <sub>4</sub>	71.03				
Na Cl	58.46		<u>183</u>		<u>10698</u>

Saturation Values Distilled Water 20°C

Ca CO<sub>3</sub> 13 Mg/LCa SO<sub>4</sub> • 2H<sub>2</sub>O 2,090 Mg/LMg CO<sub>3</sub> 103 Mg/L

12,560

REMARKS TDS determined by evaporation = 9,552 Mg/LRespectfully submitted  
TRETOLITE COMPANY*Owen Robert*

State of New Mexico,  
County of Lea.

1, \_\_\_\_\_

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 in a supplement thereof for a period

of \_\_\_\_\_

1 day  
\_\_\_\_\_ weeks.

Beginning with the issue dated

~~September 20~~, 19 ~~83~~  
and ending with the issue dated

September 20, 19 83

*Robert L. Lawrence*  
Publisher.

Sworn and subscribed to before  
me this 21 day of

me this 21 day of September, 1983  
Jane Mulready  
Notary Public

My Commission expires \_\_\_\_\_

(Seal) 3-24, 1987

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.

(72)

LEGAL NOTICE

SUPPLEMENTAL ORDER NO. 10

The Union Texas Petroleum Corporation has submitted applications to the Conservation Commission and the Mineral Management Service to allow it to convert to injection the following wells located in Garza County, New Mexico:

Langlie Jal Unit #19	1900 F.W.L. & Son P.E.L. Sec. 31, T-24S, R-37E
Langlie Jal Unit #20	1900 F.W.L. & Son P.E.L. Sec. 31, T-24S, R-37E
Langlie Jal Unit #21	1900 F.W.L. & Son P.E.L. Sec. 31, T-24S, R-37E
Langlie Jal Unit #22	1900 F.W.L. & Son P.E.L. Sec. 31, T-24S, R-37E
Langlie Jal Unit #23	1900 F.W.L. & Son P.E.L. Sec. 31, T-24S, R-37E
Langlie Jal Unit #24	1900 F.W.L. & Son P.E.L. Sec. 31, T-24S, R-37E
Langlie Jal Unit #25	1900 F.W.L. & Son P.E.L. Sec. 31, T-24S, R-37E
Langlie Jal Unit #26	1900 F.W.L. & Son P.E.L. Sec. 31, T-24S, R-37E
Langlie Jal Unit #27	1900 F.W.L. & Son P.E.L. Sec. 31, T-24S, R-37E
Langlie Jal Unit #28	1900 F.W.L. & Son P.E.L. Sec. 31, T-24S, R-37E
Langlie Jal Unit #29	1900 F.W.L. & Son P.E.L. Sec. 31, T-24S, R-37E
Langlie Jal Unit #30	1900 F.W.L. & Son P.E.L. Sec. 31, T-24S, R-37E
Langlie Jal Unit #31	1900 F.W.L. & Son P.E.L. Sec. 31, T-24S, R-37E

The above wells will be used to inject salt water into the Seven Rivers Formation at perforated intervals of 120' to 125'. Injection rate per well is estimated at 300 barrels per day or a maximum of 1000 barrels at an estimated injected volume per foot not to exceed 100 gal. or less than 100 gal. per acre.

Interested parties have 15 days from the date of this publication to file a request for a hearing. Objection may be filed by contacting the Oil Conservation Division, P.O. Box 1000, Santa Fe, New Mexico 87501. Applicants can be reached at Union Texas Petroleum Corporation, 1400 Wilco Building, Midland, TX 79701 or Karen Friday at 914-694-0690."

P 220 608 029

## RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL  
(See Reverse)

SENT TO		Getty Oil Corp.	
STREET AND NO.		Box 1231	
P.O. STATE AND ZIP CODE		Midland, Tx 79702	
POSTAGE		\$	
CONSULT POSTMASTER FOR FEES	OPTIONAL SERVICES	CERTIFIED FEE	¢
		SPECIAL DELIVERY	¢
	RETURN RECEIPT SERVICE	RESTRICTED DELIVERY	¢
		SHOW TO WHOM AND DATE DELIVERED	¢
		SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY	¢
		SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	¢
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE			

PS Form 3800, Apr. 1976

P 220 608 030

## RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL  
(See Reverse)

SENT TO		APCO Oil Corp.	
STREET AND NO.		210 Park Ave	
P.O. STATE AND ZIP CODE		Oklahoma OK 73101	
POSTAGE		\$	
CONSULT POSTMASTER FOR FEES	OPTIONAL SERVICES	CERTIFIED FEE	¢
		SPECIAL DELIVERY	¢
	RETURN RECEIPT SERVICE	RESTRICTED DELIVERY	¢
		SHOW TO WHOM AND DATE DELIVERED	¢
		SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY	¢
		SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	¢
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE			

PS Form 3800, Apr. 1976

P 220 608 031

## RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL  
(See Reverse)

SENT TO		ARCO Oil & Gas	
STREET AND NO.		Box 1610	
P.O. STATE AND ZIP CODE		Midland, Tx 79702	
POSTAGE		\$	
CONSULT POSTMASTER FOR FEES	OPTIONAL SERVICES	CERTIFIED FEE	¢
		SPECIAL DELIVERY	¢
	RETURN RECEIPT SERVICE	RESTRICTED DELIVERY	¢
		SHOW TO WHOM AND DATE DELIVERED	¢
		SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY	¢
		SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	¢
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE			

PS Form 3800, Apr. 1976

P 220 608 032

## RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL  
(See Reverse)

SENT TO		Amerada Hess	
STREET AND NO.		Box 2040	
P.O. STATE AND ZIP CODE		Tulsa, OK 74102	
POSTAGE		\$	
CONSULT POSTMASTER FOR FEES	OPTIONAL SERVICES	CERTIFIED FEE	¢
		SPECIAL DELIVERY	¢
	RETURN RECEIPT SERVICE	RESTRICTED DELIVERY	¢
		SHOW TO WHOM AND DATE DELIVERED	¢
		SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY	¢
		SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	¢
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE			

PS Form 3800, Apr. 1976

P 220 608 033

## RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL  
(See Reverse)

SENT TO		Doyle Hartman, Inc.	
STREET AND NO.		Box 10406	
P.O. STATE AND ZIP CODE		Midland, Tx 79702	
POSTAGE		\$	
CONSULT POSTMASTER FOR FEES	OPTIONAL SERVICES	CERTIFIED FEE	¢
		SPECIAL DELIVERY	¢
	RETURN RECEIPT SERVICE	RESTRICTED DELIVERY	¢
		SHOW TO WHOM AND DATE DELIVERED	¢
		SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY	¢
		SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	¢
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE			

PS Form 3800, Apr. 1976

P 220 608 034

## RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL  
(See Reverse)

SENT TO		Sun Expl & Prod	
STREET AND NO.		Box 1861	
P.O. STATE AND ZIP CODE		Midland, Tx 79702	
POSTAGE		\$	
CONSULT POSTMASTER FOR FEES	OPTIONAL SERVICES	CERTIFIED FEE	¢
		SPECIAL DELIVERY	¢
	RETURN RECEIPT SERVICE	RESTRICTED DELIVERY	¢
		SHOW TO WHOM AND DATE DELIVERED	¢
		SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY	¢
		SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	¢
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE			

PS Form 3800, Apr. 1976



P 220 608 035

## RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL  
(See Reverse)

SENT TO		Gulf Oil Corp.	
STREET AND NO.		Box 1150	
P.O., STATE AND ZIP CODE		Midland, Tx 79702	
POSTAGE		\$	
CONSULT POSTMASTER FOR FEES	OPTIONAL SERVICES	CERTIFIED FEE	¢
		SPECIAL DELIVERY	¢
		RESTRICTED DELIVERY	¢
	RETURN RECEIPT SERVICE	SHOW TO WHOM AND DATE DELIVERED	¢
		SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY	¢
		SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	¢
		SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	¢
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE			

PS Form 3800, Apr. 1976

P 220 608 036

## RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL  
(See Reverse)

SENT TO		El Paso Natural	
STREET AND NO.		No. 2 Petroleum Center	
P.O., STATE AND ZIP CODE		Midland, Tx 79701	
POSTAGE		\$	
CONSULT POSTMASTER FOR FEES	OPTIONAL SERVICES	CERTIFIED FEE	¢
		SPECIAL DELIVERY	¢
		RESTRICTED DELIVERY	¢
	RETURN RECEIPT SERVICE	SHOW TO WHOM AND DATE DELIVERED	¢
		SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY	¢
		SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	¢
		SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	¢
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE			

PS Form 3800, Apr. 1976

P 220 608 037

## RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL  
(See Reverse)

SENT TO		Terra Resources, Inc.	
STREET AND NO.		200 Wall Towers West	
P.O., STATE AND ZIP CODE		Midland, Texas 79701	
POSTAGE		\$	
CONSULT POSTMASTER FOR FEES	OPTIONAL SERVICES	CERTIFIED FEE	¢
		SPECIAL DELIVERY	¢
		RESTRICTED DELIVERY	¢
	RETURN RECEIPT SERVICE	SHOW TO WHOM AND DATE DELIVERED	¢
		SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY	¢
		SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	¢
		SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	¢
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE			

PS Form 3800, Apr. 1976

P 220 608 038

## RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL  
(See Reverse)

SENT TO		Westates Italo Co.	
STREET AND NO.		1504 One Houston Center	
P.O., STATE AND ZIP CODE		Houston, Tx 77010	
POSTAGE		\$	
CONSULT POSTMASTER FOR FEES	OPTIONAL SERVICES	CERTIFIED FEE	¢
		SPECIAL DELIVERY	¢
		RESTRICTED DELIVERY	¢
	RETURN RECEIPT SERVICE	SHOW TO WHOM AND DATE DELIVERED	¢
		SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY	¢
		SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	¢
		SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	¢
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE			

PS Form 3800, Apr. 1976

P 220 608 039

## RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL  
(See Reverse)

SENT TO		Santa Fe Energy	
STREET AND NO.		One Security Park	
P.O., STATE AND ZIP CODE		Amarillo, Tx 79106	
POSTAGE		\$	
CONSULT POSTMASTER FOR FEES	OPTIONAL SERVICES	CERTIFIED FEE	¢
		SPECIAL DELIVERY	¢
		RESTRICTED DELIVERY	¢
	RETURN RECEIPT SERVICE	SHOW TO WHOM AND DATE DELIVERED	¢
		SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY	¢
		SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	¢
		SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	¢
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE			

PS Form 3800, Apr. 1976

P 220 608 040

## RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL  
(See Reverse)

SENT TO		Phillips Petroleum	
STREET AND NO.		4001 Penbrook	
P.O., STATE AND ZIP CODE		Odessa, Tx 79762	
POSTAGE		\$	
CONSULT POSTMASTER FOR FEES	OPTIONAL SERVICES	CERTIFIED FEE	¢
		SPECIAL DELIVERY	¢
		RESTRICTED DELIVERY	¢
	RETURN RECEIPT SERVICE	SHOW TO WHOM AND DATE DELIVERED	¢
		SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY	¢
		SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	¢
		SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	¢
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE			

PS Form 3800, Apr. 1976

**P 220 608 041**

**RECEIPT FOR CERTIFIED MAIL**

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL  
(See Reverse)

SENT TO		Mobil Oil Corp.	
STREET AND NO.		Box 1800	
P.O. STATE AND ZIP CODE		Hobbs, N.M. 88240	
POSTAGE		\$	
CONSULT POSTMASTER FOR FEES	OPTIONAL SERVICES	CERTIFIED FEE	\$
		SPECIAL DELIVERY	\$
		RESTRICTED DELIVERY	\$
		SHOW TO WHOM AND DATE DELIVERED	\$
		SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY	\$
		SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	\$
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE			

**P 220 608 042**

**RECEIPT FOR CERTIFIED MAIL**

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL  
(See Reverse)

SENT TO		Conoco, Inc.	
STREET AND NO.		Box 460	
P.O. STATE AND ZIP CODE		Hobbs, N.M. 88240	
POSTAGE		\$	
CONSULT POSTMASTER FOR FEES	OPTIONAL SERVICES	CERTIFIED FEE	\$
		SPECIAL DELIVERY	\$
		RESTRICTED DELIVERY	\$
		SHOW TO WHOM AND DATE DELIVERED	\$
		SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY	\$
		SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	\$
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE			

**P 220 608 043**

**RECEIPT FOR CERTIFIED MAIL**

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL  
(See Reverse)

SENT TO		PETCO	
STREET AND NO.		1100 1st Natl Bank Bldg.	
P.O. STATE AND ZIP CODE		Houston TX 77002	
POSTAGE		\$	
CONSULT POSTMASTER FOR FEES	OPTIONAL SERVICES	CERTIFIED FEE	\$
		SPECIAL DELIVERY	\$
		RESTRICTED DELIVERY	\$
		SHOW TO WHOM AND DATE DELIVERED	\$
		SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY	\$
		SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	\$
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE			

**P 220 608 044**

**RECEIPT FOR CERTIFIED MAIL**

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL  
(See Reverse)

SENT TO		Woolworth Estate	
STREET AND NO.		c/o Board of Trustees	
P.O. STATE AND ZIP CODE		Jal, New Mexico 88252	
POSTAGE		\$	
CONSULT POSTMASTER FOR FEES	OPTIONAL SERVICES	CERTIFIED FEE	\$
		SPECIAL DELIVERY	\$
		RESTRICTED DELIVERY	\$
		SHOW TO WHOM AND DATE DELIVERED	\$
		SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY	\$
		SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	\$
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE			

**P 220 608 045**

**RECEIPT FOR CERTIFIED MAIL**

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL  
(See Reverse)

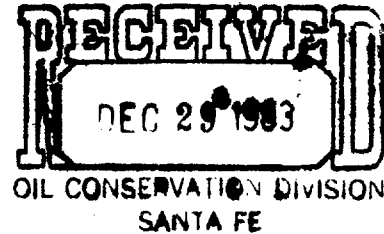
SENT TO		J. T. Crawford	
STREET AND NO.			
P.O. STATE AND ZIP CODE		Jal, New Mexico 88252	
POSTAGE		\$	
CONSULT POSTMASTER FOR FEES	OPTIONAL SERVICES	CERTIFIED FEE	\$
		SPECIAL DELIVERY	\$
		RESTRICTED DELIVERY	\$
		SHOW TO WHOM AND DATE DELIVERED	\$
		SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY	\$
		SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	\$
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE			

**Union Texas  
Petroleum**

1300 Wilco Building  
Midland, Texas 79701  
(915) 684-0600

December 21, 1983

State of New Mexico  
Energy & Minerals Department  
Oil Conservation Division  
P.O. Box 2088  
Santa Fe, New Mexico 87501



Attention: Underground Injection  
Gilbert Quintana

Re: Application for Authorization to Inject  
Langlie Jal Unit, Lea County, New Mexico

Gentlemen:

Enclosed are amended Well Bore Diagrams to accompany the application mailed to your office December 1, 1983. These amended diagrams are sent per request of Mr. Gilbert Quintana by telephone conversation December 8, 1983.

Thank you for your service.

Yours very truly,

A handwritten signature in cursive script, appearing to read "William A. Higgins".

William A. Higgins  
Production Services Supervisor

WAH:pal  
Enclosures

## UNION TEXAS PETROLEUM

FIELD: Langlie-MattixLEASE: Langlie-Jol Unit WELL NO. 10DATE: 9/83 SPUDDED: 4/39 COMP. 5/39ELEV: 3254 GLLOCATION: 1980 FNL E 660 FULSec. 32, T-24-S, R-37-ELea County, New Mexico

25.7 # 95/8" CSG. of 408' w/ 200 SX.  
12 1/4" HOLE TOC Surface

Injection Interval:

3360 feet to 3397 feet

Perforated.

OH 3414' to 3549'

Perfs squeezed 2906-3074 w/610 SX

Unipter IV at 3260'

3360'  
 3397' Perfs

22 # 7" CSG. of 3414' w/ 300 SX.  
8 3/4" HOLE TOC 3099 Calc.

OH 3414 to 3549

TO 3549  
 PBTD 3549

Tubing size 2 3/8" lined with plastic set in a  
 (material)  
Guiberson Uni-Packer IV packer at 3260 feet  
 (brand and model)

(or describe any other casing-tubing seal).

## Other Data

- Name of the injection formation Seven Rivers - Queen
- Name of Field or Pool (if applicable) Langlie Mattix
- Is this a new well drilled for injection? ☐ Yes ☒ No  
 If no, for what purpose was the well originally drilled? Yates Gas Well
- 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) 2906-3074  
squeezed w/610 SX (4-30-71)
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

# UNION TEXAS PETROLEUM

FIELD: Langlie-Mattix  
 LEASE: Langlie-Jd Unit WELL NO. 18  
 DATE: 9/83 SPUDDED: 12/39 COMP. 1/40  
 ELEV: 3240 DF  
 LOCATION: 1980' FSL & 330' FEL  
Sec. 31, T-24-S R-37-E  
Lea County, New Mexico

36 # 9 5/8" CSG. at 1176 WI 300 SX. \_\_\_\_\_  
1214 " HOLE TOC Surface

Injection Interval:

3455 feet to 3392 feet

Perforated.

Open Hole 3471-3535

Unit # at 3355'

3392 Perf  
3455

24 # 7 " CSG. at 3420 WI 250 SX. \_\_\_\_\_  
8314 " HOLE TOC 3155 Calc.

TO 3535  
 PBTD \_\_\_\_\_

Tubing size 2 3/8" lined with plastic set in a \_\_\_\_\_  
 (material)  
Giberson Uni-Packer IV packer at 3355 feet.  
 (brand and model)

(or describe any other casing-tubing seal).

## Other Data

1. Name of the injection formation Seven-Rivers-Queen

2. Name of Field or Pool (if applicable) \_\_\_\_\_

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

If no, for what purpose was the well originally drilled? Producing Oil 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) None

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. \_\_\_\_\_

## UNION TEXAS PETROLEUM

FIELD: Langlie - MattixLEASE: Langlie - Jal Unit WELL NO. 20DATE: 9/83 SPUDDED: 11/39 COMP. 12/39ELEV: 3249 DFLOCATION: 1980' Fsh & 1980' FWLSec. 32, T-34-S, R-37-ELea County, New Mexico36 # 9 5/8 " CSG. at 1183 W/ 200 SX.

" HOLE TOC

Injection Interval:

3015 feet to 3399 feet

Perforated.

Open Hole 3415-3550Cnpt. II at 29153015 Perfs  
339920 # 7 " CSG. at 3415 W/ 200 SX." HOLE TOC 3197 CalcTO 3550  
PBTD 3550

Tubing size 2 3/8" lined with plastic (material) set in a  
Guiberson Uni-Packer II packer at 2915 feet  
 (brand and model)

(or describe any other casing-tubing seal).

## Other Data

1. Name of the injection formation Seven Rivers - Queen

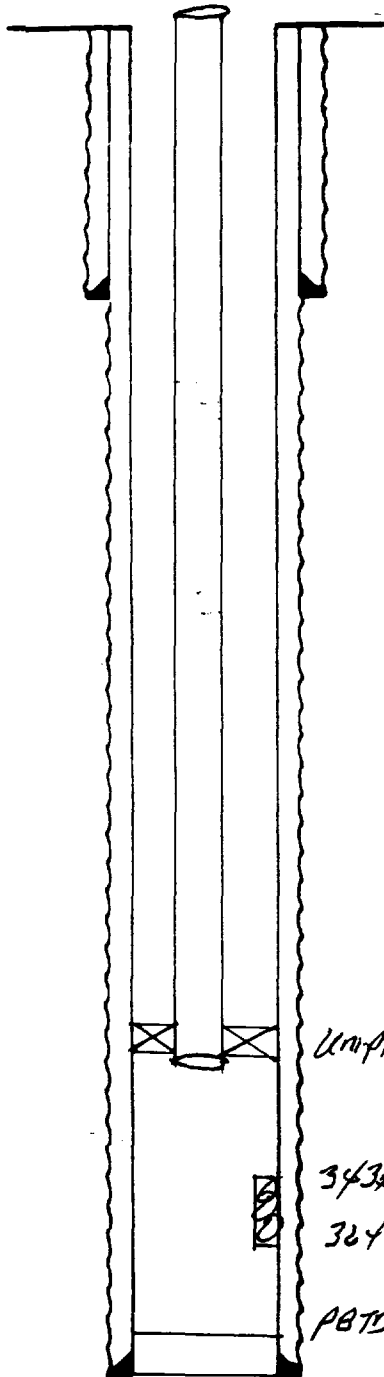
2. Name of Field or Pool (if applicable) \_\_\_\_\_

3. Is this a new well drilled for injection? ☐ Yes ☒ NoIf no, for what purpose was the well originally drilled? Producing Oil Well4. 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) NA

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. \_\_\_\_\_

# UNION TEXAS PETROLEUM

FIELD: Langlie-Mattix  
 LEASE: Langlie-Jal Unit WELL NO. 22  
 DATE: 9/83 SPUDDED: 3/74 COMP. 3/74  
 ELEV: 3751 GR  
 LOCATION: 640' FEL & 1830' FSL  
Sec. 32, T-24-S, R-37-E  
Lea County, New Mexico



20 # 8 7/8" CSG. of 800 W/ 500 SX.  
 " HOLE TOC Surface

Injection Interval:  
3430 feet to 3648 feet  
 Perforated.

Unpack IV 3930

3430  
 3648 Perforated

PBM

# 5 1/2" CSG. of 3725 W/ 1040 SX.  
 " HOLE TOC 3718 COIL

TD 3725  
 PBTD 3746

Tubing size 2 7/8" lined with Plastic set in a  
 (material)  
Guiberson Uni-Packer TV packer at 3330 feet  
 (brand and model)

(or describe any other casing-tubing seal).

## Other Data

1. Name of the injection formation Seven Rivers-Queen

2. Name of Field or Pool (if applicable) \_\_\_\_\_

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

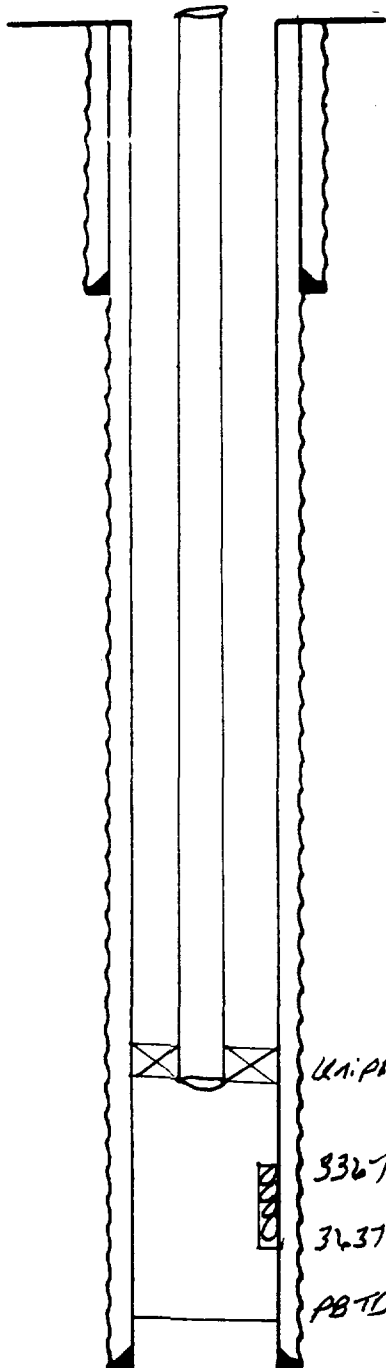
If no, for what purpose was the well originally drilled? Producing Oil Well

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) NS

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. \_\_\_\_\_

## UNION TEXAS PETROLEUM

FIELD: Langlie-Mattix  
 LEASE: Langlie-Jal Unit WELL NO. 2F  
 DATE: 9/83 SPUDDED: 8/73 COMP. 2/74  
 ELEV: 3250 GR  
 LOCATION: 660' FSL E 1880' FSL  
Sec. 32, T. 24-S, R. 37-E  
Lea County, New Mexico



24 # 8 5/8" CSG. of 802 W/ 500 SX.  
12 1/4" HOLE TOC Surface

Injection Interval:

3367 feet to 3237 feet

Perforated.

UNIPAK IV 3267

3367

3237

PBTD

15.5 # 5 1/2" CSG. of 3774 W/ 750 SX.  
7 7/8" HOLE TOC Surface - Calc.

TO 3775  
 PBTD 3738

Tubing size 2 7/8" lined with Plastic set in a  
 (material)  
Guiberson Uni-Packer IV packer at 3267 feet  
 (brand and model)

(or describe any other casing-tubing seal).

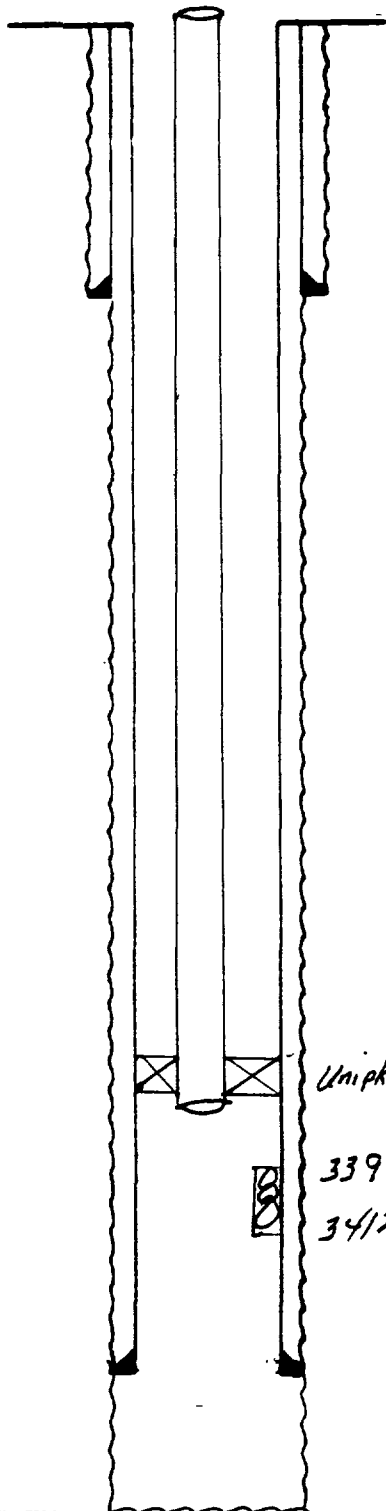
## Other Data

- Name of the injection formation Seven Rivers - Queen
- Name of Field or Pool (if applicable) \_\_\_\_\_
- Is this a new well drilled for injection? ☐ Yes ☒ No  
 If no, for what purpose was the well originally drilled? Producing Oil Well
- 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) NA
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. \_\_\_\_\_



# UNION TEXAS PETROLEUM

FIELD: Langlie Mattix  
 LEASE: Langlie-Ja Unit WELL NO. 26  
 DATE: 9/83 SPUDDED: 9/38 COMP. 9/38  
 ELEV: 3238 DF  
 LOCATION: 1320' FSL #660' FUL  
Sec. 32, T24-S, R-37-E  
Lea County, New Mexico



34 # 9 5/8 " CSG. of 11 1/2 W/ 350 SX.  
12 1/4 " HOLE TOC Circ to Surface

Injection Interval:

3397 feet to 3412 feet

Perforated.

Open Hole 3418-3560

Unipki IV at 3297

3397

34 1/2 Packer

20 # 7 " CSG. of 34 1/8 W/ 300 SX.  
8 3/4 " HOLE TOC 3101 calc

TD 3560  
 PBTD 3560

Tubing size 2 3/8 " lined with Plastic (material) set in a  
Guiberson Uni-Packer IV (brand and model) packer at 3297 feet.

(or describe any other casing-tubing seal).

## Other Data

1. Name of the injection formation Seven Rivers - Queen

2. Name of Field or Pool (if applicable) \_\_\_\_\_

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

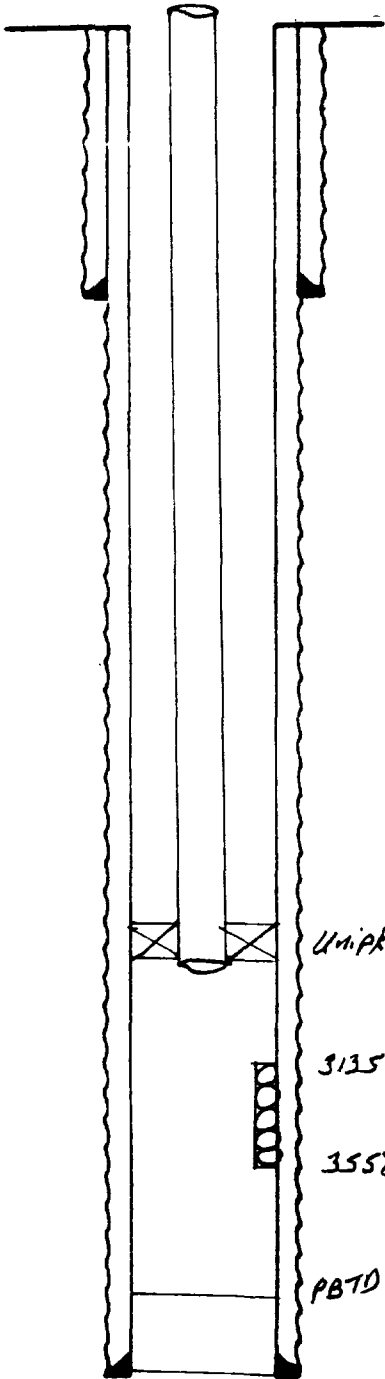
If no, for what purpose was the well originally drilled? Producing Oil Well

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) NA

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. \_\_\_\_\_

# UNION TEXAS PETROLEUM

FIELD: Langlie-Mattix  
 LEASE: Langlie-Jal Unit WELL NO. 34  
 DATE: 9/83 SPUDDED: 1/75 COMP. 1/75  
 ELEV: 3231 GR  
 LOCATION: 660' FNh # 660' FEL  
Sec. 6 T-25-S, R-37-E  
Lea County, New Mexico



24 # 8 5/8" CSG. at 815 W/ 600 SX.  
 " HOLE TOC Surface

Injection Interval:  
3135 feet to 3556 feet  
 Perforated.

Unipk. IV at 3035

3135

3556

PBTD

10.5 # 4 1/2" CSG. at 3750 W/ 1200 SX.  
 " HOLE TOC CIRC

TD 3750  
 PBTD 3687

Tubing size 2 3/8" lined with plastic set in a  
 (material)  
Gutherson Uni-Packer IV packer at 3035 feet  
 (brand and model)

(or describe any other casing-tubing seal).

## Other Data

- Name of the injection formation Seven Rivers - Queen
- Name of Field or Pool (if applicable) \_\_\_\_\_
- Is this a new well drilled for injection? ☐ Yes ☒ No  
 If no, for what purpose was the well originally drilled? Producing Oil Well
- 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
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. \_\_\_\_\_

## UNION TEXAS PETROLEUM

FIELD: Langlie - MattixLEASE: Langlie - Tol Unit WELL NO. 36DATE: 9/82 SPUDDED: 8/38 COMP. 9/38ELEV: 3251 GRLOCATION: 660' FNL & 1980' FWLSec. 5, T-25-S, R-37-ELea County, New Mexico25.7 # 9 5/8" CSG. at 1194 w/ 500 SX." HOLE TOC Surface

Injection Interval:

3129 feet to 3538 feet  
Perforated.22 # 7" CSG. at 3376' w/ 300 SXCmt. Circ.Uni-Packer IV at 31293129Pack35389.5 # 4 1/2" CSG. at 3597 w/ 300 SX." HOLE TOC 2086"TD 3604'  
PBTD 3600'Tubing size 2 3/8" lined with Plastic set in a  
(material)Giberson Uni-Packer IV  
(brand and model)packer at 3129 feet.

(or describe any other casing-tubing seal).

## Other Data

1. Name of the injection formation Sedan. Rivers - Queen

2. Name of Field or Pool (if applicable) \_\_\_\_\_

3. Is this a new well drilled for injection? ☐ Yes ☒ NoIf no, for what purpose was the well originally drilled? Producing Oil Well4. 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) NA

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. \_\_\_\_\_

## UNION TEXAS PETROLEUM

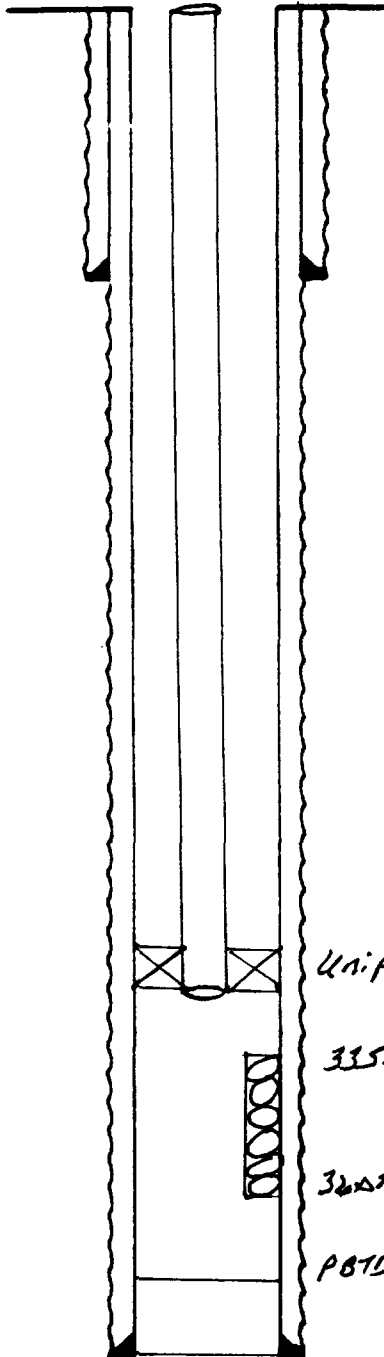
FIELD: Langlie-Mottix  
 LEASE: Langlie-Jal Unit WELL NO. 38  
 DATE: 9/83 SPUDDED: 3/74 COMP. 3/74  
 ELEV: 3257 GR  
 LOCATION: 660' F.Nh # 660' F.F.L  
Sec. 5, T. 25-S, R. 37-E  
Lea County, New Mexico

24 # 8 5/8" CSG. of 798 W/ 500 SX. \_\_\_\_\_  
 " HOLE TOC Circulated

Injection Interval:

3352 feet to 3602 feet

Perforated.



Unipk IV at 3152

3352

Pstd

3602

PSTD

15.5 # 5 1/2" CSG. of 3723 W/ 625 SX. \_\_\_\_\_  
 " HOLE TOC 1420'

TD 3725  
 PSTD 3691

Tubing size 2 3/8" lined with Plastic set in a \_\_\_\_\_  
 (material)  
Guiberson Uni-Packer IV packer at 3152 feet  
 (brand and model)

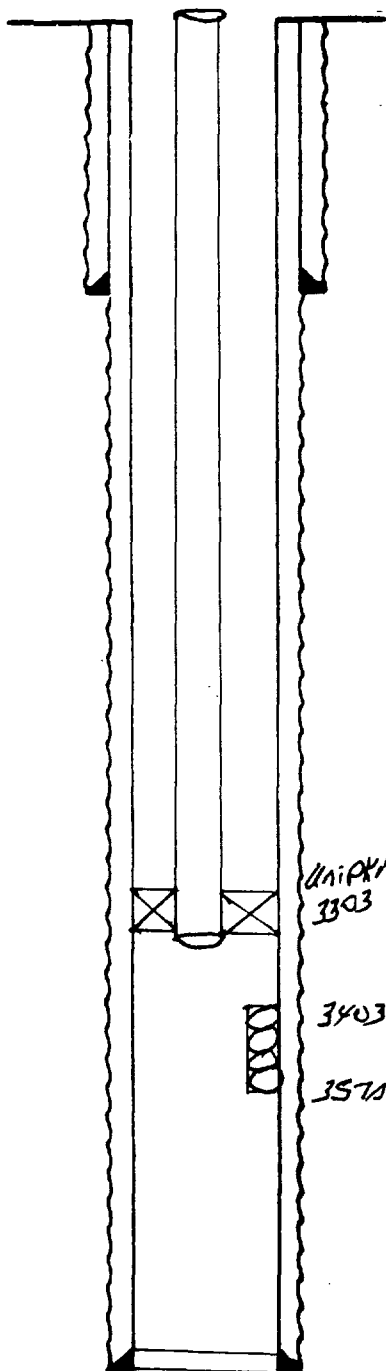
(or describe any other casing-tubing seal).

## Other Data

- Name of the injection formation Seven Rivers Queen
- Name of Field or Pool (if applicable) \_\_\_\_\_
- Is this a new well drilled for injection? ☐ Yes ☒ No  
 If no, for what purpose was the well originally drilled? Producing Oil Well
- 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
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. \_\_\_\_\_

# UNION TEXAS PETROLEUM

FIELD: Langlie - Mattix  
 LEASE: Langlie 3d Unit WELL NO. 44  
 DATE: 9/83 SPUDDED: 3/39 COMP. 3/39  
 ELEV: 3218 GR  
 LOCATION: 2310' FNL & 990' FWL  
Sec. 4, T-25-S R-37-E  
Lea County, New Mexico



29.3 # 9 5/8 " CSG. at 1221 w/ 300 SX.  
 " HOLE TOC \_\_\_\_\_

Injection Interval:

3403 feet to 3570 feet  
 Perforated.

Unipacker IV  
3303

24# 7" CSG. at 3345' w/ 300  
Circ.

3403

Pack

3570

10.5 # 4 1/2 " CSG. at 3750 w/ 100 SX.  
 " HOLE TOC 3782'

TD 3750'  
 PBTD 3748'

Tubing size 2 3/8" lined with Plastic set in a  
 (material)  
Giberson Uni-Packer IV packer at 3303 feet  
 (brand and model)

(or describe any other casing-tubing seal).

## Other Data

- Name of the injection formation Seven Rivers - Queen
- Name of Field or Pool (if applicable) \_\_\_\_\_
- Is this a new well drilled for injection? ☐ Yes ☒ No  
 If no, for what purpose was the well originally drilled? Producing Oil Well
- 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) NA.
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. \_\_\_\_\_

OPERATOR Union Texas Petroleum Corporation

LEASE & WELL NO. Langlie-Jal Unit No. 2

LOCATION 990 FNL # 620 FWC

Sec. 31 T-24S, R-37-E

Lea County, New Mexico

CASING 8 5/8 at 802 w/ 550 sx

4 1/2 at 3850 w/ 1000 sx

at w/ sx

DEPTH 3851 TD 3818 PB

DATE DRILLED 10/74

STATUS Producing

OPERATOR Union Texas Petroleum Corporation

LEASE & WELL NO. Langlie-Jal Unit No. 3

LOCATION 990 FNL # 620 FWC

Sec. 32 T-25S, R-37E

Lea County, New Mexico

CASING 9 5/8 at 643 w/ 325 sx

7" at 3447 w/ 300 sx

at w/ sx

DEPTH 3525 TD — PB

DATE DRILLED 11/39

STATUS W/W

OPERATOR Union Texas Petroleum Corporation

LEASE & WELL NO. Langlie-Jal Unit No. 4

LOCATION 990 FNL # 1980 FWC

Sec. 32 T-24S, R-37-E

Lea County, New Mexico

CASING 8 5/8 at 802 w/ 600 sx

4 1/2 at 3850 w/ 1500 sx

at w/ sx

DEPTH 3850 TD 3817 PB

DATE DRILLED 9/74

STATUS Producing

OPERATOR Union Texas Petroleum Corporation

LEASE & WELL NO. Langlie-Jal Unit No. 5

LOCATION 99A FNL & 2310 FEL

Sec. 32 T-24-S, R-37-E

Lea County, New Mexico

CASING 9 5/8 at 1193 w/ 500 sx

7" at 3472 w/ 250 sx

at w/ sx

DEPTH 3558 TD 3553 PB

DATE DRILLED 3/80

STATUS W1W

OPERATOR Union Texas Petroleum Corporation

LEASE & WELL NO. Langlie-Jal Unit No. 8

LOCATION 1930 FNL & 1980 FEL

Sec. 32 T-24-S, R-37-E

Lea County, New Mexico

CASING 8 5/8 at 820 w/ 500 sx

4 1/2 at 3850 w/ 1300 sx

at w/ sx

DEPTH 3850 TD 3817 PB

DATE DRILLED 9/74

STATUS Producing

OPERATOR Union Texas Petroleum Corporation

LEASE & WELL NO. Langlie-Jal Unit No. 9

LOCATION 1980 FNL & 1980 FNL

Sec. 32 T-24-S, R-37-E

Lea County, New Mexico

CASING 9 5/8 at 525 w/ 225 sx

7" at 3407 w/ 300 sx

at w/ sx

DEPTH 3539 TD — PB

DATE DRILLED 2/39

STATUS W1W

OPERATOR Union Texas Petroleum Corporation  
LEASE & WELL NO. Langlie-Jal Unit No. 11  
LOCATION 2310 FNL & 330 FCL  
Sec. 31 T-24S, R-37-E  
Lea County, New Mexico  
CASING 10 3/4 at 400 w/ 15A sx  
7" at 3379 w/ 300 sx  
at w/ sx  
DEPTH 354 TD - PB  
DATE DRILLED 7/39  
STATUS WIN

OPERATOR Union Texas Petroleum Corporation  
LEASE & WELL NO. Langlie-Jal Unit No. 12  
LOCATION 2310 FNL & 1977 FCL  
Sec. 31 T-24S, R-37-E  
Lea County, New Mexico  
CASING 8 5/8 at 177 w/ 15A sx  
5 1/2 at 347A w/ 25A sx  
at w/ sx  
DEPTH 3545 TD - PB  
DATE DRILLED 2/57  
STATUS Producing

OPERATOR Union Texas Petroleum Corporation  
LEASE & WELL NO. Langlie-Jal Unit No.  
LOCATION \_\_\_\_\_  
Sec. \_\_\_\_\_ T- \_\_\_\_\_ S, R- \_\_\_\_\_ E  
Lea County, New Mexico  
CASING \_\_\_\_\_ at \_\_\_\_\_ w/ \_\_\_\_\_ sx  
\_\_\_\_\_ at \_\_\_\_\_ w/ \_\_\_\_\_ sx  
\_\_\_\_\_ at \_\_\_\_\_ w/ \_\_\_\_\_ sx  
DEPTH \_\_\_\_\_ TD \_\_\_\_\_ PB  
DATE DRILLED \_\_\_\_\_  
STATUS Producing



OPERATOR Union Texas Petroleum Corporation  
LEASE & WELL NO. Langlie-Jal Unit No. 19  
LOCATION 1980 FSL # 220 FUL  
Sec. 32 T-24-S, R-37-E  
Lea County, New Mexico  
CASING 8 5/8 at 1345 w/ 150 sx  
7" at 3468 w/ 150 sx  
4 1/2 line at 3220 w/ 225 sx  
DEPTH 3620 TD 3417 PB  
DATE DRILLED 1A/39  
STATUS W/W

OPERATOR Union Texas Petroleum Corporation  
LEASE & WELL NO. Langlie-Jal Unit No. 21  
LOCATION 1980 FSL # 1980 FEL  
Sec. 32 T-24-S, R-37-E  
Lea County, New Mexico  
CASING 9 5/8 at 296 w/ 175 sx  
5 1/2 at 3422 w/ 300 sx  
at w/ sx  
DEPTH 3670 TD - PB  
DATE DRILLED 5/55  
STATUS W/W

OPERATOR Union Texas Petroleum Corporation  
LEASE & WELL NO. Langlie-Jal Unit No. 23  
LOCATION 444 FSL # 660 FEL  
Sec. 32 T-24-S, R-37-E  
Lea County, New Mexico  
CASING 8 5/8 at 820 w/ 500 sx  
4 1/2 at 5282 w/ 1230 sx  
at w/ sx  
DEPTH 3683 TD 3251 PB  
DATE DRILLED 6/74  
STATUS W/W

OPERATOR Union Texas Petroleum Corporation  
LEASE & WELL NO. Langlie-Jal Unit No. 25  
LOCATION 260 FSL # 1060 FSL  
Sec. 32 T-24-S, R-37-E  
Lea County, New Mexico  
CASING 10 3/4 at 350 w/ 250 sx  
7 1/8 at 2790 w/ 750 sx  
5 1/2 at 3337 w/ 420 sx  
DEPTH 3540 TD 3491 PB  
DATE DRILLED 11/38  
STATUS W/W

OPERATOR Union Texas Petroleum Corporation  
LEASE & WELL NO. Langlie-Jal Unit No. 27  
LOCATION 260 FSL # 1060 FSL  
Sec. 31 T-24-S, R-37-E  
Lea County, New Mexico  
CASING 9 5/8 at 1182 w/ 300 sx  
7" at 3410 w/ 240 sx  
at w/ sx  
DEPTH 3510 TD - PB  
DATE DRILLED 11/39  
STATUS W/W

OPERATOR Union Texas Petroleum Corporation  
LEASE & WELL NO. Langlie-Jal Unit No. 28  
LOCATION 440 FSL # 190 FSL  
Sec. 31 T-24-S, R-37-E  
Lea County, New Mexico  
CASING 8 5/8 at 1140 w/ 400 sx  
5 1/2 at 3385 w/ 200 sx  
at w/ sx  
DEPTH 3505 TD 3449 PB  
DATE DRILLED 12/57  
STATUS Producing

OPERATOR Union Texas Petroleum Corporation  
LEASE & WELL NO. Langlie-Jal Unit No. 33  
LOCATION 330 FNC # 1050 FFL  
Sec. 4 T-25-S, R-37-E  
Lea County, New Mexico  
CASING 9 5/8 at 1192 w/ 250 sx  
7" at 3401 w/ 250 sx  
4 1/2 Lig at 3572 w/ 200 sx  
DEPTH 3577 TD 3576 PB  
DATE DRILLED 2/80  
STATUS W/W

OPERATOR Union Texas Petroleum Corporation  
LEASE & WELL NO. Langlie-Jal Unit No. 35  
LOCATION 260 FNC # 120 FFL  
Sec. 5 T-25-S, R-37-E  
Lea County, New Mexico  
CASING 7 5/8 at 1208 w/ 350 sx  
5 1/2 at 3420 w/ 250 sx  
at w/ sx  
DEPTH 3550 TD 3515 PB  
DATE DRILLED 11/38  
STATUS W/W

OPERATOR Union Texas Petroleum Corporation  
LEASE & WELL NO. Langlie-Jal Unit No. 37  
LOCATION 640 FNC # 1980 FFL  
Sec. 5 T-25-S, R-37-E  
Lea County, New Mexico  
CASING 9 5/8 at 1235 w/ 520 sx  
7" at 3412 w/ 300 sx  
at w/ sx  
DEPTH 3470 TD 3658 PB  
DATE DRILLED 4/39  
W/W

OPERATOR Union Texas Petroleum Corporation  
LEASE & WELL NO. Langlie-Jal Unit No. 39  
LOCATION 330 FNL #990 FNL  
Sec. 4 T-25-S, R-37-E  
Lea County, New Mexico  
CASING 13" at 148 w/ 100 sx  
9 5/8 at 1219 w/ 300 sx  
7" at 3386 w/ 300 sx  
DEPTH 3440 TD - PB  
DATE DRILLED 3/39  
STATUS W/W

OPERATOR Union Texas Petroleum Corporation  
LEASE & WELL NO. Langlie-Jal Unit No. 40  
LOCATION 330 FNL #1980 FNL  
Sec. 4 T-25-S, R-37-E  
Lea County, New Mexico  
CASING 9 5/8 at 1207 w/ 500 sx  
7" at 3381 w/ 300 sx  
4 1/2 at 3735 w/ 125 sx  
DEPTH 3735 TD 3733 PB  
DATE DRILLED 6/39  
STATUS Producing

OPERATOR Union Texas Petroleum Corporation  
LEASE & WELL NO. Langlie-Jal Unit No. 42  
LOCATION 1250 FNL #1980 FNL  
Sec. 4 T-25-S, R-37-E  
Lea County, New Mexico  
CASING 9 5/8 at 444 w/ 250 sx  
7" at 3325 w/ 600 sx  
4 1/2 at 3677 w/ 25 sx  
DEPTH 3680 TD 3623 PB  
DATE DRILLED 11/39  
STATUS Producing

OPERATOR Union Texas Petroleum Corporation

LEASE & WELL NO. Langlie-Jal Unit No. 43

LOCATION 1980 FNL 21980 FVC

Sec. 4 T-25-S, R-37-E

Lea County, New Mexico

CASING 8 5/8 at 821 w/ 501 sx

4 1/2 at 3200 w/ 1240 sx

at w/ sx

DEPTH 3680 TD - PB

DATE DRILLED 5/72

STATUS W/W

OPERATOR Union Texas Petroleum Corporation

LEASE & WELL NO. Langlie-Jal Unit No. 45

LOCATION 1800' FNL 2330' FVC

Sec. 5 T-25-S, R-37-E

Lea County, New Mexico

CASING 9 5/8 at 1254 w/ 300 sx

1" at 3442 w/ 320 sx

4 1/2 at 3695 w/ 150 sx

DEPTH 3695 TD 3694 PB

DATE DRILLED 3/39

STATUS W/W

OPERATOR Union Texas Petroleum Corporation

LEASE & WELL NO. Langlie-Jal Unit No. 46

LOCATION 1980 FNL 21980 FVC

Sec. 5 T-25-S, R-37-E

Lea County, New Mexico

CASING 9 5/8 at 225 w/ 225 sx

5 1/2 at 3508 w/ 300 sx

at w/ sx

DEPTH 3625 TD - PB

DATE DRILLED 6/56

STATUS Producing

OPERATOR Union Texas Petroleum Corporation  
LEASE & WELL NO. Langlie-Jal Unit No. 47  
LOCATION 1980 FNL # 1885 F WL  
Sec. 5 T-25-S, R-27-E  
Lea County, New Mexico  
CASING 8 5/8 at 820 w/ 475 SX  
4 1/2 at 3598 w/ 1500 SX  
at w/ SX  
DEPTH 3600 TD 3570 PB  
DATE DRILLED 4/72  
STATUS WIN

OPERATOR Union Texas Petroleum Corporation  
LEASE & WELL NO. Langlie-Jal Unit No. 48  
LOCATION 1980 FNL # 220 F WL  
Sec. 5 T-25-S, R-37-E  
Lea County, New Mexico  
CASING 9 5/8 at 1245 w/ 500 SX  
7" at 3383 w/ 300 SX  
4 1/2 at 3541 w/ 400 SX  
DEPTH 3545 TD 3537 PB  
DATE DRILLED 6/39  
STATUS Producing

OPERATOR Union Texas Petroleum Corporation  
LEASE & WELL NO. Langlie-Jal Unit No. 49  
LOCATION 1980 FNL # 510 F E L  
Sec. 6 T-25-S, R-37-E  
Lea County, New Mexico  
CASING 8 5/8 at 824 w/ 475 SX  
4 1/2 at 3598 w/ 1200 SX  
at w/ SX  
DEPTH 3600 TD 3572 PB  
DATE DRILLED 4/72  
STATUS WIN

OPERATOR Union Texas Petroleum Corporation

LEASE & WELL NO. Langlie-Jal Unit No. 50

LOCATION 2150 FAL # 1980 FEL

Sec. 6 T-25-S, R-37-E

Lea County, New Mexico

CASING 8 5/8 at 825 w/ 200 sx

4 1/2 at 3750 w/ 1400 sx

at w/ sx

DEPTH 3750 TD 3747 PB

DATE DRILLED 5/95

STATUS Producing

OPERATOR Union Texas Petroleum Corporation

LEASE & WELL NO. Langlie-Jal Unit No. 55

LOCATION 231A FSL # 1450 FEL

Sec. 6 T-25-S, R-37-E

Lea County, New Mexico

CASING 8 5/8 at 275 w/ 150 sx

5 1/2 at 3430 w/ 300 sx

at w/ sx

DEPTH 3508 TD - PB

DATE DRILLED 6/57

STATUS W/H

OPERATOR Union Texas Petroleum Corporation

LEASE & WELL NO. Langlie-Jal Unit No. 56

LOCATION 1930 FSL # 710 FEL

Sec. 6 T-25-S, R-37-E

Lea County, New Mexico

CASING 9 5/8 at 330 w/ 150 sx

5 1/2 at 3380 w/ 200 sx

at w/ sx

DEPTH 3501 TD 3464 PB

DATE DRILLED 8/47

STATUS Producing

OPERATOR Union Texas Petroleum Corporation

LEASE & WELL NO. Langlie-Jal Unit No. 58

LOCATION 1980 FSL & 1980 FUL

Sec. 5 T-25-S, R-37-E

Lea County, New Mexico

CASING 9 5/8 at 253 w/ 325 sx

7" at 3375 w/ 300 sx

4 1/2 at 3705 w/ 175 sx

DEPTH 3705 TD 3699 PB

DATE DRILLED 1/54

STATUS Producing

OPERATOR Union Texas Petroleum Corporation

LEASE & WELL NO. Langlie-Jal Unit No. 60

LOCATION 1830 FSL & 1830 FUL

Sec. 5 T-25-S, R-37-E

Lea County, New Mexico

CASING 8 5/8 at 815 w/ 605 sx

4 1/2 at 3848 w/ 1140 sx

at w/ sx

DEPTH 3850 TD 3844 PB

DATE DRILLED 12/74

STATUS Producing

OPERATOR Union Texas Petroleum Corporation

LEASE & WELL NO. Langlie-Jal Unit No. WSW #1

LOCATION 2200 FSL & 250 FUL

Sec. 5 T-25-S, R-37-E

Lea County, New Mexico

CASING 13 3/8 at 800 w/ 650 sx

8 5/8 at 3700 w/ 1300 sx

5 1/2 at 4900 w/ 1300 sx

DEPTH 4900 TD PB

DATE DRILLED 6/73

STATUS Producing - open hole



OPERATOR Union Texas Petroleum Corporation  
LEASE & WELL NO. Langlie-Jal Unit No. 61  
LOCATION 1980 FNL & 860 FNL  
Sec. X T-25-S, R-37-E  
Lea County, New Mexico  
CASING 95/8 at 1203 w/ 500 sx  
7' at 3307 w/ 300 sx  
at w/ sx  
DEPTH 3537 TD - PB  
DATE DRILLED 5/39  
STATUS W1W

OPERATOR Union Texas Petroleum Corporation  
LEASE & WELL NO. Langlie-Jal Unit No. 62  
LOCATION 860 FNL & 660 FNL  
Sec. X T-25-S, R-37-E  
Lea County, New Mexico  
CASING 85/8 at 802 w/ 600 sx  
1 1/2 at 3850 w/ 1150 sx  
at w/ sx  
DEPTH 3850 TD 3806 PB  
DATE DRILLED 11/74  
STATUS Producing

OPERATOR Union Texas Petroleum Corporation  
LEASE & WELL NO. Langlie-Jal Unit No. 95  
LOCATION 1250 FNL & 140 FNL  
Sec. 32 T-34S, R-37-E  
Lea County, New Mexico  
CASING 85/8 at 832 w/ 600 sx  
5 1/2 at 3720 w/ 1700 sx  
at w/ sx  
DEPTH 3720 TD 3682 PB  
DATE DRILLED 9/82  
Producing

OPERATOR Union Texas Petroleum Corporation

LEASE & WELL NO. Langlie-Jal Unit No. 96

LOCATION 2200 FWC & 140 FSL

Sec. 32 T-24-S, R-37-E

Lea County, New Mexico

CASING 8 5/8 at 810 w/ 600 sx

5 1/2 at 3719 w/ 1800 sx

at w/ sx

DEPTH 3720 TD 3665 PB

DATE DRILLED 8/82

STATUS Producing

OPERATOR Union Texas Petroleum Corporation

LEASE & WELL NO. Langlie-Jal Unit No. 97

LOCATION 1200 FWC & 140 FSL

Sec. 32 T-24-S, R-37-E

Lea County, New Mexico

CASING 8 5/8 at 842 w/ 635 sx

5 1/2 at 3719 w/ 1300 sx

at w/ sx

DEPTH 3720 TD 3670 PB

DATE DRILLED 8/82

STATUS Producing

OPERATOR Union Texas Petroleum Corporation

LEASE & WELL NO. Langlie-Jal Unit No. 98

LOCATION 1422 FSL & 1200 FWC

Sec. 32 T-24-S, R-37-E

Lea County, New Mexico

CASING 8 5/8 at 858 w/ 400 sx

5 1/2 at 3722 w/ 1100 sx

at w/ sx

DEPTH 3722 TD 3655 PB

DATE DRILLED 8/82

STATUS Producing

OPERATOR Union Texas Petroleum Corporation

LEASE & WELL NO. Langlie-Jal Unit No. 99

LOCATION 1424 FSL & 2657 FUL

Sec. 32 T-24S, R-37-E

Lea County, New Mexico

CASING 85/8 at 838 w/ 600 sx

5 1/2 at 3720 w/ 1525 sx

at w/ sx

DEPTH 3720 TD 3681 PB

DATE DRILLED 8/82

STATUS Producing

OPERATOR Union Texas Petroleum Corporation

LEASE & WELL NO. Langlie-Jal Unit No. 100

LOCATION 1424 FSL & 1300 FUL

Sec. 32 T-24-S, R-37-E

Lea County, New Mexico

CASING 85/8 at 820 w/ 600 sx

5 1/2 at 3692 w/ 770 sx

at w/ sx

DEPTH 3700 TD 3681 PB

DATE DRILLED 7/82

STATUS Producing

OPERATOR Union Texas Petroleum Corporation

LEASE & WELL NO. Langlie-Jal Unit No.

LOCATION

Sec. T- -S, R- -E

Lea County, New Mexico

CASING at w/ sx

at w/ sx

at w/ sx

DEPTH TD PB

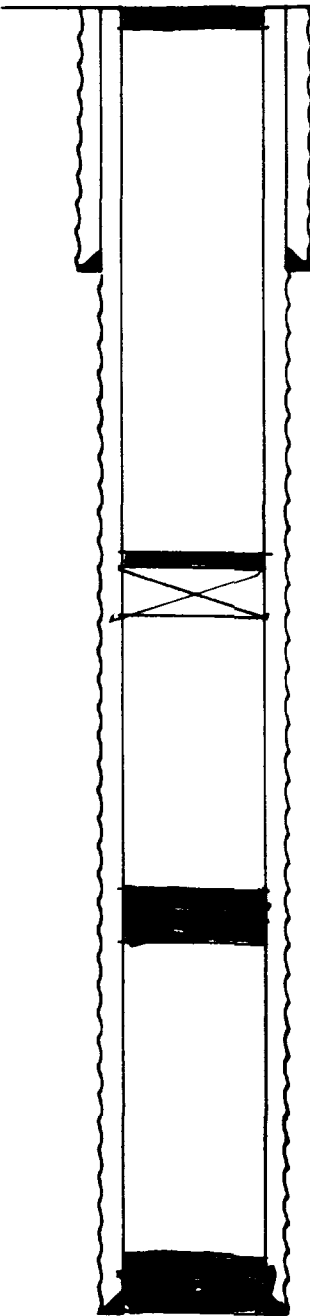
DATE DRILLED

STATUS

Gulf Oil - Opr.

UNION TEXAS PETROLEUM

FIELD: \_\_\_\_\_  
LEASE: C.D. Wainworth WELL NO. 2  
DATE: 11/83 SPUDDED: \_\_\_\_\_ COMP. \_\_\_\_\_  
ELEV: \_\_\_\_\_  
LOCATION: 330' FS P EC  
Sec. 30, T. 34 S, R. 37-E  
Lea County, N.M.



20 SX Plug  
Surface

P & A 2/20

CIP at 2850  
w/10 SX Plug  
on Top

150 SX 2908

120 SX 3535-3580

\_\_\_\_\_ # \_\_\_\_\_ " CSG. at \_\_\_\_\_ W/ \_\_\_\_\_ SX. \_\_\_\_\_  
\_\_\_\_\_ " HOLE TOC \_\_\_\_\_

\_\_\_\_\_ # \_\_\_\_\_ " CSG. at \_\_\_\_\_ W/ \_\_\_\_\_ SX. \_\_\_\_\_  
\_\_\_\_\_ " HOLE TOC \_\_\_\_\_

TD 3580  
PBTD \_\_\_\_\_

OPERATOR Kesewa Oil & Gas - Getty

LEASE & WELL NO. Martin #2

LOCATION 990' FNL @ 467 F&C

Sec. 31 T-24-S, R-37-E

Lea County, New Mexico

CASING 9 5/8 at 394 w/ 150 sx

7" at 385 w/ 250 sx

5" at 355 w/ 150 sx

DEPTH 355 TD - PB

DATE DRILLED 10/39

STATUS Producing

OPERATOR Getty Oil Co.

LEASE & WELL NO. G. W. Sherrill #9

LOCATION 2250 F&C @ 1650 F&C

Sec. 31 T-24-S, R-37-E

Lea County, New Mexico

CASING 8 5/8 at 496 w/ 400 sx

5 1/2 at 3247 w/ 250 sx

at w/ sx

DEPTH 3251 TD - PB

DATE DRILLED 9/78

STATUS Producing

OPERATOR Union Texas Petroleum

LEASE & WELL NO. State A-32 #4

LOCATION 1780 FNL @ 1400 F&C

Sec. 32 T-24-S, R-37-E

Lea County, New Mexico

CASING 8 5/8 at 175 w/ 430 sx

4 1/2 at 3211 w/ 625 sx

at w/ sx

DEPTH 3211 TD - PB

DATE DRILLED 5/78

STATUS Producing

OPERATOR Hettys Oil Co.  
LEASE & WELL NO. Skelly M State #4  
LOCATION 150 FSC & 260 FSC  
Sec. 32 T-24-S, R-37-E

Lea County, New Mexico

CASING 8 5/8 at 498 w/ 307 sx  
4 1/2 at 3298 w/ 1000 sx  
at w/ sx  
DEPTH 3300 TD 3226 PB  
DATE DRILLED 6/18  
STATUS Producing

OPERATOR (Kempwood) APCO  
LEASE & WELL NO. State - Texas #1  
LOCATION 330 FSC & 3310 FSC  
Sec. 32 T-17-S, R-37-E

Lea County, New Mexico

CASING 8 5/8 at 1284 w/ 207 sx  
7" at 3092 w/ 157 sx  
5" at 3455 w/ 60 sx  
DEPTH 3455 TD PB  
DATE DRILLED 1941  
STATUS Producing

OPERATOR APCO  
LEASE & WELL NO. Galveston State Area #2  
LOCATION 990 FSC & 330 FSC  
Sec. 32 T-24-S, R-37-E

Lea County, New Mexico

CASING 9 5/8 at 1222 w/ 500 sx  
7" at 3428 w/ 257 sx  
at w/ sx  
DEPTH 3621 TD 3384 PB  
DATE DRILLED 1939  
STATUS Producing

OPERATOR AKCO  
LEASE & WELL NO. State 157 C #3  
LOCATION 330 FSL # 2510 FSL  
Sec. 92 T-24S, R-37-E  
Lea County, New Mexico  
CASING 9 5/8 at 1240 w/ 500 sx  
7" at 3430 w/ 250 sx  
at w/ sx  
DEPTH 3545 TD 3494 PB  
DATE DRILLED 1/39  
STATUS Producing

OPERATOR AKCO  
LEASE & WELL NO. State 157 C #1  
LOCATION 2310 FSL # EC  
Sec. 32 T-24-S, R-37-E  
Lea County, New Mexico  
CASING at w/ sx  
at w/ sx  
at w/ sx  
DEPTH 3540 TD 3150 PB  
DATE DRILLED 10/49  
STATUS Producing Gas

OPERATOR AKCO  
LEASE & WELL NO. State 157 #5 SWIW  
LOCATION 220 FSL # 2100 FWC  
Sec. 32 T-24S, R-37-E  
Lea County, New Mexico  
CASING 9 5/8 at 1210 w/ 500 sx  
7" at 3433 w/ 200 sx  
at w/ sx  
DEPTH 2450 TD PB  
DATE DRILLED 1/50  
STATUS W/I

OPERATOR Doyle Hartman, Inc.  
LEASE & WELL NO. North Shore Woolworth # 3  
LOCATION 230 FWC & 330 FWC  
Sec. 33 T-24-S, R-37-E

Lea County, New Mexico

CASING 9 5/8 at 1390 w/ 400 sx  
1" at 3340 w/ 750 sx  
at w/ sx  
DEPTH 3548 TD 3784 PB  
DATE DRILLED 2/39  
STATUS Producing

OPERATOR Doyle Hartman, Inc.  
LEASE & WELL NO. Husky Woolworth # 2  
LOCATION 99A F5 & WC  
Sec. 33 T-24-S, R-37-E

Lea County, New Mexico

CASING at w/ sx  
at w/ sx  
at w/ sx  
DEPTH 3543 TD 3300 PB  
DATE DRILLED 1/45  
STATUS Producing

OPERATOR Ameside Har  
LEASE & WELL NO. Wood Unit # 3  
LOCATION 330 F5C & 1250 FWC  
Sec. 33 T-24-S, R-37-E

Lea County, New Mexico

CASING 8 5/8 at 727 w/ 500 sx  
4 1/2 at 3725 w/ 390 sx  
at w/ sx  
DEPTH 3775 TD 3745 PB  
DATE DRILLED 12/70  
STATUS WFW



OPERATOR Ann (TP)  
LEASE & WELL NO. Wells #12  
LOCATION 2130 FSC @ 1830 FWC  
Sec. 4 T-25-S, R-37-E  
Lea County, New Mexico  
CASING 8 5/8 at 1120 w/ 700 sx  
5 1/2 at 3800 w/ 500 sx  
at w/ sx  
DEPTH 3800 TD — PB  
DATE DRILLED 3/76  
STATUS Producing

OPERATOR Ann (TP)  
LEASE & WELL NO. Wells #13  
LOCATION 990 FSC @ 1650 FWC  
Sec. 4 T-25-S, R-37-E  
Lea County, New Mexico  
CASING 9 5/8 at 1110 w/ 550 sx  
5 1/2 at 3740 w/ 900 sx  
at w/ sx  
DEPTH 3740 TD 3704 PB  
DATE DRILLED  
STATUS Producing

OPERATOR Grief  
LEASE & WELL NO. C.D. Woolworth #2  
LOCATION 330 FS @ 60  
Sec. 30 T-24-S, R-37-E  
Lea County, New Mexico  
CASING at w/ sx  
at w/ sx  
at w/ sx  
DEPTH TD PB  
DATE DRILLED  
STATUS P&A June 1960

OPERATOR E1 Pasa Not.  
LEASE & WELL NO. Wells #2  
LOCATION 1980' FNA EL  
Sec. 4 T-25-S, R-37-E  
Lea County, New Mexico  
CASING 8 5/8 at 1115 w/ 500 sx  
5 1/2 at 3147 w/ 750 sx  
at w/ sx  
DEPTH 3148 TD PB  
DATE DRILLED 5/54  
STATUS Prod

OPERATOR Dayle Hartman  
LEASE & WELL NO. E1 Pasa Wells Fed #1  
LOCATION 1980 FNA @ 440 FWL  
Sec. 4 T-25-S, R-37-E  
Lea County, New Mexico  
CASING 8 5/8 at 431 w/ 300 sx  
5 1/2 at 3304 w/ 1200 sx  
at w/ sx  
DEPTH 3304 TD 3278 PB  
DATE DRILLED 9/80  
STATUS Prod.

OPERATOR E1 Pasa  
LEASE & WELL NO. Wells Federal #3  
LOCATION 1980' FS @ WL  
Sec. 4 T-25-S, R-37-E  
Lea County, New Mexico  
CASING 8 5/8 at 1124 w/ 550 sx  
5 1/2 at 3124 w/ 200 sx  
at w/ sx  
DEPTH 3124 TD 3134 PB  
DATE DRILLED 2/57  
STATUS Prod

OPERATOR Tena Resources  
LEASE & WELL NO. Well B #1  
LOCATION 1980 FSL & 1980 FEL  
Sec. 4 T-25-S, R-37-E  
Lea County, New Mexico  
CASING 8 5/8 at 1125 w/ 400 sx  
5 1/2 at 3750 w/ 200 sx  
at w/ sx  
DEPTH 3750 TD 3670 PB  
DATE DRILLED 2/77  
STATUS Prod

OPERATOR Italo Pet. Corp. (Westates)  
LEASE & WELL NO. Indian Wells B5 #1  
LOCATION 33A FNL & 990 FEL  
Sec. 5 T-25-S, R-37-E  
Lea County, New Mexico  
CASING 9 5/8 at 1249 w/ 300 sx  
7 at 3400 w/ 300 sx  
at w/ sx  
DEPTH 3556 TD PB  
DATE DRILLED 1/39  
STATUS Pool

OPERATOR Sub Oil Co.  
LEASE & WELL NO. Federal #2  
LOCATION 610 FNL & 810 FWL  
Sec. 5 T-25-S, R-37-E  
Lea County, New Mexico  
CASING 8 5/8 at 32 w/ 225 sx  
5 1/2 at 3353 w/ 30A sx  
at w/ sx  
DEPTH 3436 TD 3345 PB  
DATE DRILLED 11/55  
STATUS Prod.

OPERATOR EI PASO  
LEASE & WELL NO. Wells Federal #4-11  
LOCATION 1980 FNL & 1980 FWL  
Sec. S T-25-S, R-37-E  
Lea County, New Mexico  
CASING 8 5/8 at 195 w/ 253 sx  
5 1/2 at 3348 w/ 300 sx  
at w/ sx  
DEPTH 3474 TD 3141 PB  
DATE DRILLED 4/74 Recompleted  
STATUS P102

OPERATOR Doyle Hartman  
LEASE & WELL NO. Wells #2-13  
LOCATION 1552 FNL & 2230 FWL  
Sec. S T-25-S, R-37-E  
Lea County, New Mexico  
CASING 9 5/8 at 415 w/ 225 sx  
7" at 3350 w/ 500 sx  
at w/ sx  
DEPTH 3381 TD 3338 PB  
DATE DRILLED 6/83  
STATUS P102

OPERATOR EI Paso  
LEASE & WELL NO. Wells #13  
LOCATION 1980 FSL & 260 FWL  
Sec. S T-25-S, R-37-E  
Lea County, New Mexico  
CASING 9 5/8 at 1200 w/ 500 sx  
5 1/2 at 3286 w/ 200 sx  
at w/ sx  
DEPTH 3524 TD PB  
DATE DRILLED 5/47  
STATUS P102

OPERATOR Santa Fe Energy  
LEASE & WELL NO. Wells #1  
LOCATION 400 FNL & 350 FNL  
Sec. 20 T-25-S, R-37-E  
Lea County, New Mexico  
CASING 9 5/8 at 1215 w/ 300 sx  
1" at 2337 w/ 300 sx  
at w/ sx  
DEPTH 3519 TD 3490 PB  
DATE DRILLED 1/39  
STATUS Prod.

OPERATOR Getty  
LEASE & WELL NO. J.W. Shorrell #115  
LOCATION 660 FNL & 200 FNL  
Sec. 2 T-25-S, R-37-E  
Lea County, New Mexico  
CASING 8 5/8 at 498 w/ 400 sx  
5 1/2 at 3170 w/ 800 sx  
at w/ sx  
DEPTH 3170 TD 3119 PB  
DATE DRILLED 3/80  
STATUS Prod.

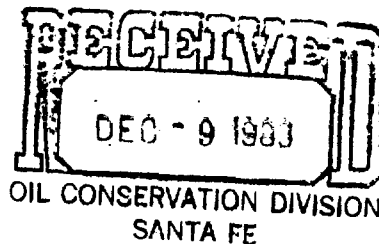
OPERATOR Dayle Hartman  
LEASE & WELL NO. Salmat Fed. Com #1  
LOCATION 590 FNL & 400 FNL  
Sec. 2 T-25-S, R-37-E  
Lea County, New Mexico  
CASING 9 5/8 at 403 w/ 150 sx  
5 1/2 at 3300 w/ 550 sx  
at w/ sx  
DEPTH 3300 TD 3285 PB  
DATE DRILLED 2/80  
STATUS Prod.

OPERATOR ARCO  
LEASE & WELL NO. Custer Wells #1  
LOCATION 181A FNL & 2164 FNL  
Sec. 4 T-22-S, R-37-E  
Lea County, New Mexico  
CASING 13 3/8 at 1124 w/ 1050 SX  
9 5/8 at 6180 w/ 4100 SX  
7" at 1225 w/ \_\_\_\_\_ SX  
DEPTH 12924 TD 9594 PB  
DATE DRILLED 4/1981  
STATUS P102

OPERATOR ARCO  
LEASE & WELL NO. Wells Federal 1-WN  
LOCATION 181A FNL & 1850 FNL  
Sec. 6 T-25-S, R-37-E  
Lea County, New Mexico  
CASING 9 5/8 at 1196 w/ 500 SX  
7" at 3440 w/ 300 SX  
\_\_\_\_\_ at \_\_\_\_\_ w/ \_\_\_\_\_ SX  
DEPTH 3592 TD 3370 PB  
DATE DRILLED 10/39  
STATUS P002

OPERATOR Phillips-Pet-Roa  
LEASE & WELL NO. Woolworth #2  
LOCATION 15A FEL & 1980 FNL  
Sec. 6 T-25-S, R-37-E  
Lea County, New Mexico  
CASING \_\_\_\_\_ at \_\_\_\_\_ w/ \_\_\_\_\_ SX  
\_\_\_\_\_ at \_\_\_\_\_ w/ \_\_\_\_\_ SX  
\_\_\_\_\_ at \_\_\_\_\_ w/ \_\_\_\_\_ SX  
DEPTH 3525 TD \_\_\_\_\_ PB  
DATE DRILLED 4/39  
STATUS P102

OIL CONSERVATION DIVISION  
DISTRICT 1



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

DATE December 6, 1983

RE: Proposed MC \_\_\_\_\_  
Proposed DHC \_\_\_\_\_  
Proposed NSL \_\_\_\_\_  
Proposed NSP \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX X \_\_\_\_\_  
Proposed PHX \_\_\_\_\_

Gentlemen:

I have examined the application for the:

Union Texas Pet. Corp.      Langlie Jal Unit      Nos. 10, 18, 20, 22, 24, 26, 34, 36, 38 & 44  
Operator      Lease and Well No.      Unit, S - T - R

and my recommendations are as follows:

O.K.----J.S.

Yours very truly,

A handwritten signature in cursive script, appearing to read "James L. Linton", written over a horizontal line.

/mc