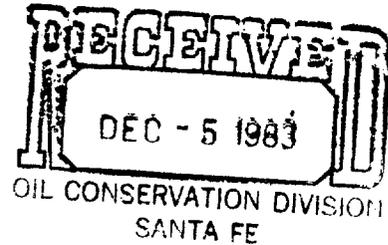


**Union Texas
Petroleum**

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.

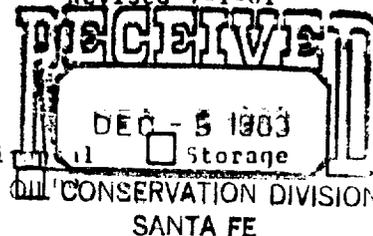
A legal notice was published in the "Hobbs Daily News-Sun" and all offset operators and surface owners have been notified by certified mail. Should further information be needed, please call me at 915-684-0636.

Very truly yours,

UNION TEXAS PETROLEUM CORPORATION

A handwritten signature in black ink, appearing to read "Richard Atchley". The signature is fluid and cursive.

Richard Atchley
Engineering Analyst



APPLICATION FOR AUTHORIZATION TO INJECT

I. Purpose: Secondary Recovery Pressure Maintenance Disposal
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.

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



TRETOLITE DIVISION

369 Marshall Avenue / Saint Louis, Missouri 63119
(314) WO 1-3500/TWX 910-760-1660/Telex 44-2417

WATER ANALYSIS REPORT

COMPANY Union Texas Petroleum ADDRESS _____ DATE: 1-8-82

SOURCE WSW #1 DATE SAMPLED 1-8-82 ANALYSIS NO. _____

Analysis Mg/L *Meq/L

1. pH	<u>7.5</u>			
2. H ₂ 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 ₃)		_____		
7. Methyl Orange Alkalinity (CaCO ₃)		<u>570</u>		
8. Bicarbonate (HCO ₃)		HCO ₃ <u>695</u> ÷ 61	<u>11</u>	HCO ₃
9. Chlorides (Cl)		Cl <u>11191</u> ÷ 35.5	<u>315</u>	Cl
10. Sulfates (SO ₄)		SO ₄ <u>2250</u> ÷ 48	<u>47</u>	SO ₄
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 ₃)		<u>9500</u>		
14. Total Iron (Fe)		_____		
15. Barium (Qualitative)				
16. Strontium				

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

80	Ca	←	HCO ₃	11	Compound	Equiv. Wt.	X	Meq/L	=	Mg/L
110	Mg	←	SO ₄	47	Ca (HCO ₃) ₂	81.04		11		891
183	Na	←	Cl	315	Ca SO ₄	68.07		47		3199
					Ca Cl ₂	55.50		22		1221
					Mg (HCO ₃) ₂	73.17				
					Mg SO ₄	60.19				
					Mg Cl ₂	47.62		110		5238
					Na HCO ₃	84.00				
					Na ₂ SO ₄	71.03				
					Na Cl	58.46		183		10698

Saturation Values Distilled Water 20°C

Ca CO ₃	13 Mg/L
Ca SO ₄ • 2H ₂ O	2,090 Mg/L
Mg CO ₃	103 Mg/L

12,560

REMARKS TDS determined by evaporation = 9,552 Mg/L

Respectfully submitted
TRETOLITE COMPANY

Owen Robert

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	CERTIFIED FEE	¢	
	OPTIONAL SERVICES	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 220 608 030

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	CERTIFIED FEE	¢	
	OPTIONAL SERVICES	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 220 608 031

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	CERTIFIED FEE	¢	
	OPTIONAL SERVICES	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 220 608 032

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	CERTIFIED FEE	¢	
	OPTIONAL SERVICES	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 220 608 033

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	CERTIFIED FEE	¢	
	OPTIONAL SERVICES	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 220 608 034

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	CERTIFIED FEE	¢	
	OPTIONAL SERVICES	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 220 608 035

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	
CERTIFIED FEE	¢
OPTIONAL SERVICES	
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	

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	
CERTIFIED FEE	¢
OPTIONAL SERVICES	
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	

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	
CERTIFIED FEE	¢
OPTIONAL SERVICES	
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	

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	
CERTIFIED FEE	¢
OPTIONAL SERVICES	
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	

P 220 608 045

RECEIPT FOR CERTIFIED MAIL

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

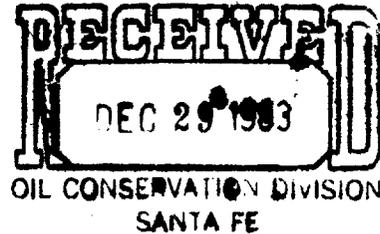
SENT TO	
J. T. Crawford	
STREET AND NO.	
P.O., STATE AND ZIP CODE	
Jal, New Mexico 88252	
POSTAGE	\$
CONSULT POSTMASTER FOR FEES	
CERTIFIED FEE	¢
OPTIONAL SERVICES	
SPECIAL DELIVERY	¢
RESTRICTED DELIVERY	¢
RETURN RECEIPT SERVICE	
SHOW TO WHOM AND DATE DELIVERED	¢
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY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

**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,

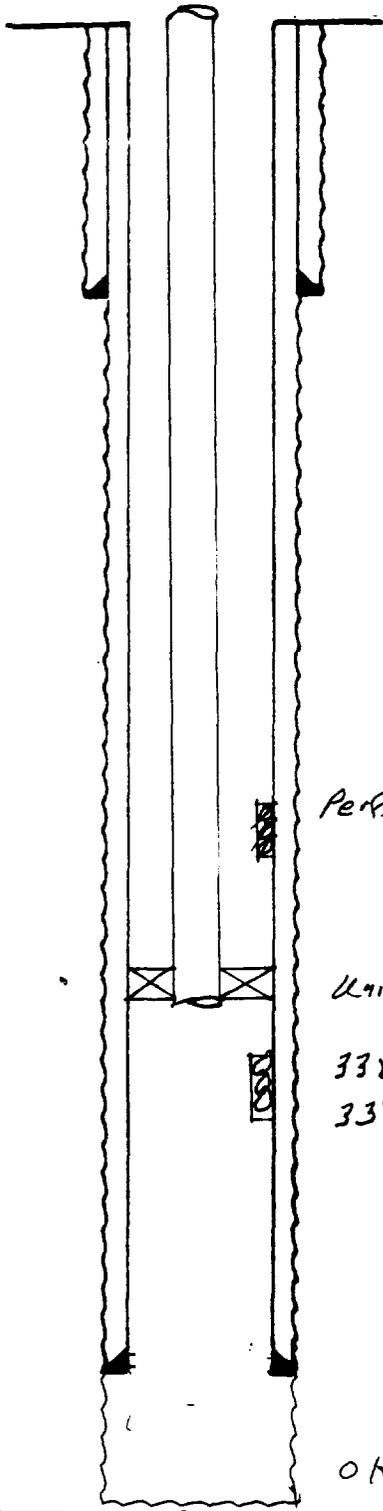
A handwritten signature in cursive script, appearing to read "William A. Higgins".

William A. Higgins
Production Services Supervisor

WAH:pal
Enclosures

UNION TEXAS PETROLEUM

FIELD: Langlie-Mattix
 LEASE: Langlie-Jol Unit WELL NO. 10
 DATE: 9/83 SPUDDED: 4/39 COMP. 5/39
 ELEV: 3254 GH
 LOCATION: 1980 FNL & 660 FUL
Sec. 32, T-24-S, R-37-E
Lea County, New Mexico



25.7 # 9 5/8\"/>

Injection Interval:
3360 feet to 3397 feet
 Perforated.
 OH 3414' to 3549'

Perfs squeezed 2906-3074 w/610 SX

Uniptr IV at 3260'
 3360'
 3397' Perfs

22 # 7\"/>

OH 3414 to 3549 TO 3549
 PBTD 3549

Tubing size 2 3/8\"/>

(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

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) 2906-3074
squeezed w/610 SX (4-30-71)

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

UNION TEXAS PETROLEUM

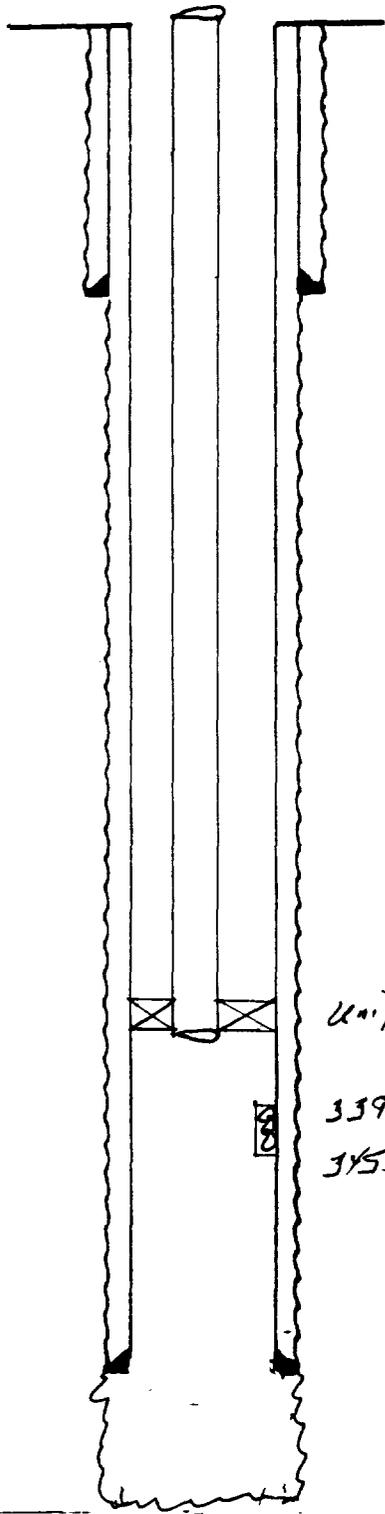
FIELD: Langlie-Mattix

LEASE: Langlie-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\"/>

Injection Interval:

3455 feet to 3392 feet

Perforated.

Open Hole 3400-3535

Uniper II at 3355'

3392 Perf
3455

24 # 7\"/>

TO 3535
PBD _____

Tubing size 2 3/8\"/>

(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

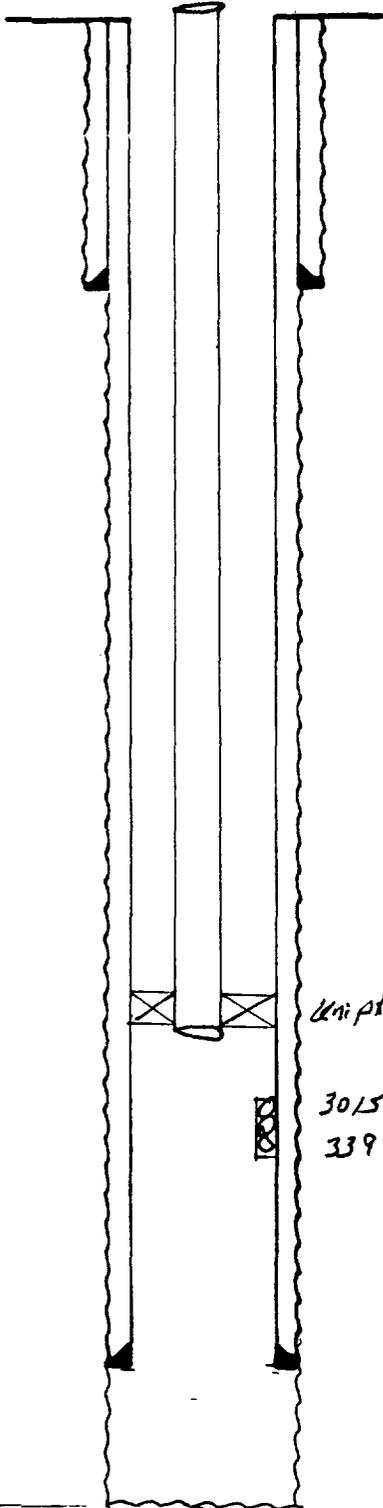
If no, for what purpose was the well originally drilled? Producing Oil Well

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 - Mattix
LEASE: Langlie - Jal Unit WELL NO. 20
DATE: 9/83 SPUDDED: 11/39 COMP. 12/39
ELEV: 3249 DF
LOCATION: 1980' Fsh & 1980' FWL
Sec. 32, T-24-S, R-37-E
Lea County, New Mexico



36 # 9 5/8 " CSG. of 1183 w/ 200 SX.
" HOLE TOC _____

Injection Interval:
3015 feet to 3399 feet
Perforated.
Open Hole 3415-3550

Casing at 2915

3015 Perfs
3399

20 # 7 " CSG. of 3415 w/ 200 SX.
" HOLE TOC 3197 Colc _____

TO 3550
PBD 3550

Tubing size 2 3/8" lined with plastic set in a
(material)
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 No

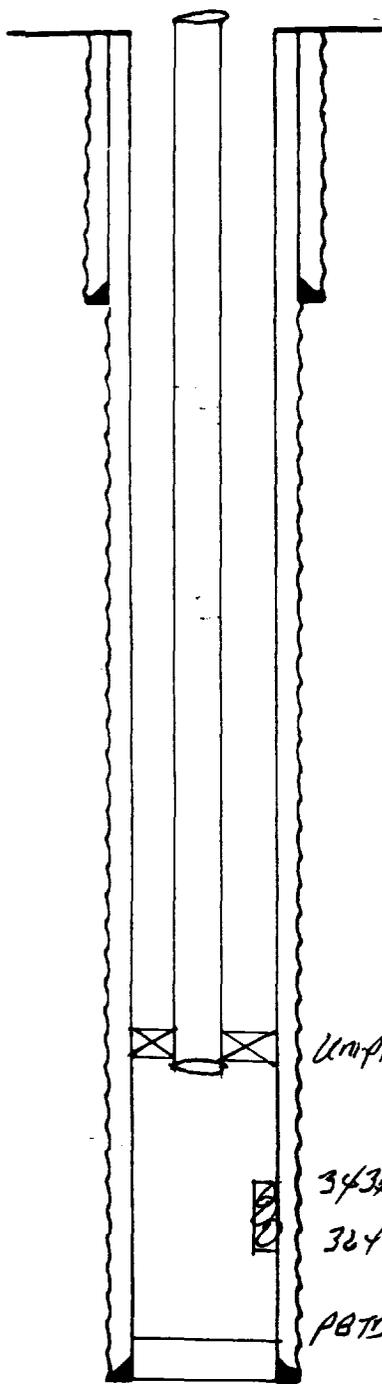
If no, for what purpose was the well originally drilled? Producing Oil Well

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. 22
DATE: 9/83 SPUDDED: 3/74 COMP. 3/74
ELEV: 3751 GR
LOCATION: 660' 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.

UNIPAK IV 3930
3430
3648 Perforated
PBTD

5 1/2" CSG. of 3775 W/ 1040 SX.
" HOLE TOC 3718 COIL

TD 3775
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

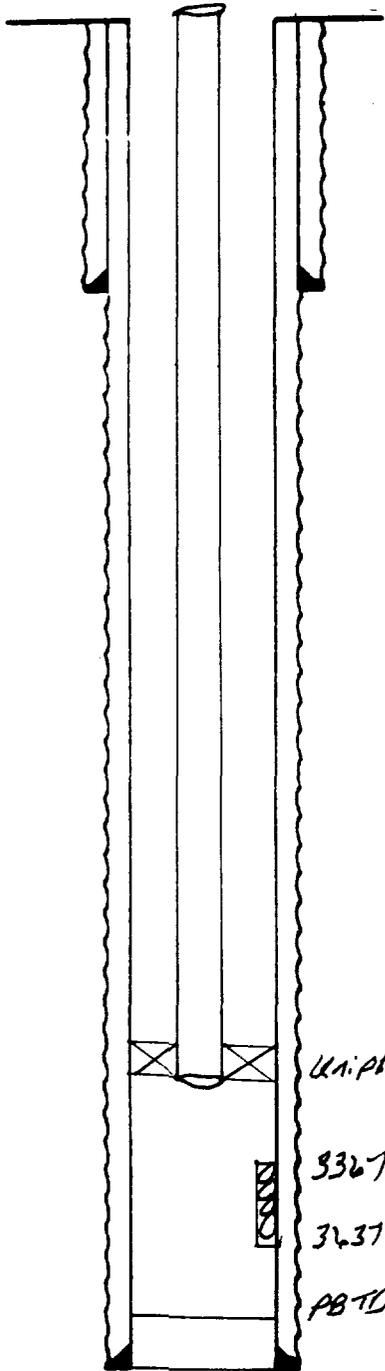
- Name of the injection formation Seven Rivers-Queen
- Name of Field or Pool (if applicable) _____
- Is this a new well drilled for injection? Yes No
If no, for what purpose was the well originally drilled? Producing Oil Well

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



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

Injection Interval:
3367 feet to 3637 feet
Perforated.

Uni-Pk[®] # 3267

3367
3637 *Pkld*
PBTD

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

TO 3775
PBTD 3738

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

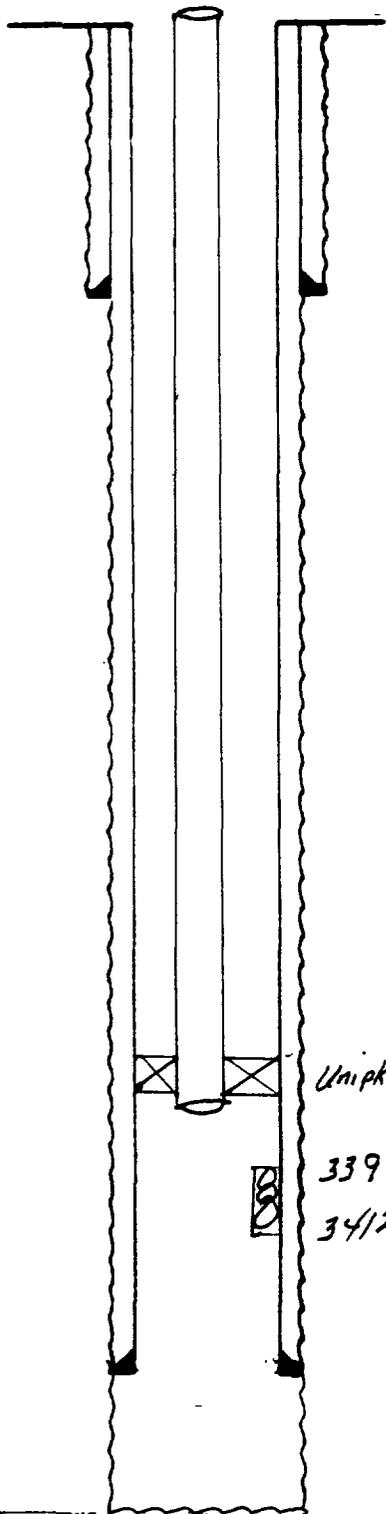
(or describe any other casing-tubing seal).

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 Jaldut WELL NO. 26
 DATE: 9/83 SPUDDED: 9/38 COMP. 9/38
 ELEV: 3738 DF
 LOCATION: 1320' FSL #660' FUL
Sec. 32 T24-S R-37-E
Lea County, New Mexico



36 # 9 5/8" CSG. of 1182 w/ 350 SX.
12 1/4" HOLE TOC CIVE to Surface

Injection Interval:
3397 feet to 3412 feet
 Perforated.
 Open Hole 3418-3560

Uni-Packer IV at 3297

3397
 3412 Pack

20 # 7" CSG. of 3418 w/ 300 SX.
8 3/4" HOLE TOC 3101 calc

TD 3560
 PBTD 3560

Tubing size 2 3/8" lined with plastic set in a
 (material)
Guiberson Uni-Packer IV packer at 3297 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

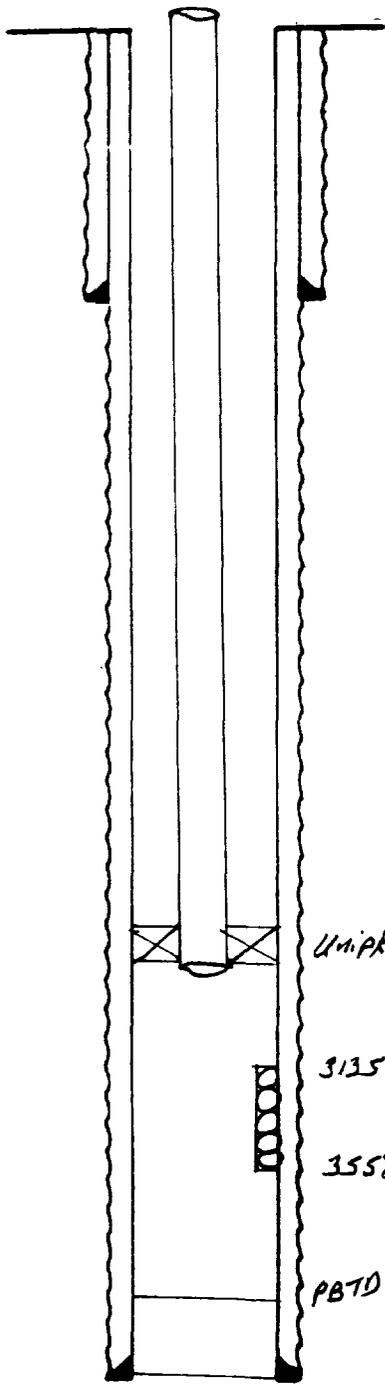
If no, for what purpose was the well originally drilled? Producing Oil Well

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) 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\"/>

Injection Interval:
3135 feet to 3556 feet
 Perforated.

Uni-Pk. IV # 3035
 3135
 Perfo
 3556
 PBTD

10.5 # 4 1/2\"/>

TD 3750
 PBTD 3687

Tubing size 2 3/8\"/>

(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

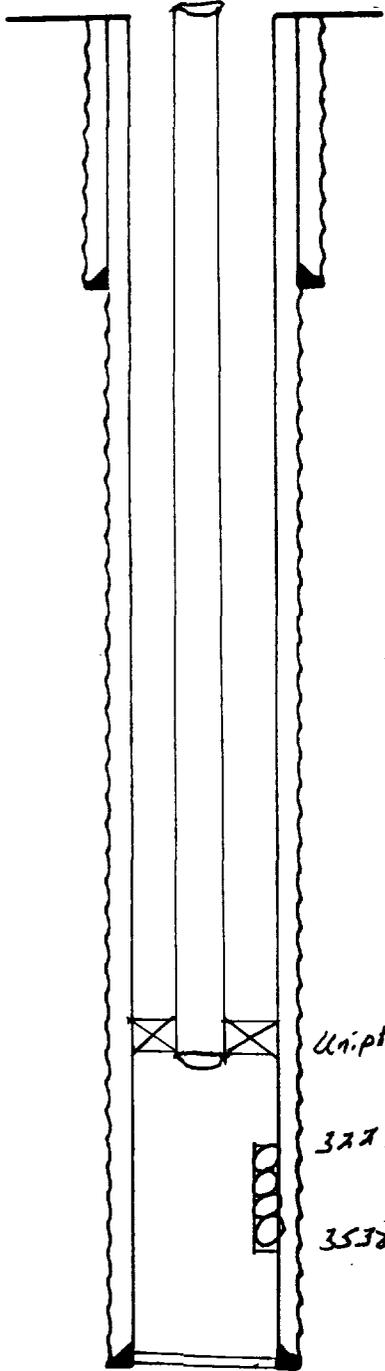
If no, for what purpose was the well originally drilled? Producing Oil Well

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) NO

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 - Tol Unit WELL NO. 36
DATE: 9/82 SPUDDED: 8/38 COMP. 9/38
ELEV: 3251 GR
LOCATION: 660' FNL & 1980' FWL
Sec. 5, T-25-S, R-37-E
Lea County, New Mexico



25.7 # 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 SX
Cmt. Cive.

Uni-Packer IV at 3129
3229
Perfs
3538

9.5 # 4 1/2" CSG. at 3597 w/ 300 SX.
" HOLE TOC 2086"

TD 3600'
PSTD 3600'

Tubing size 2 3/8" lined with Plastic set in a
(material)
Giberson Uni-Packer IV packer at 3129 feet.
(brand and model)

(or describe any other casing-tubing seal).

Other Data

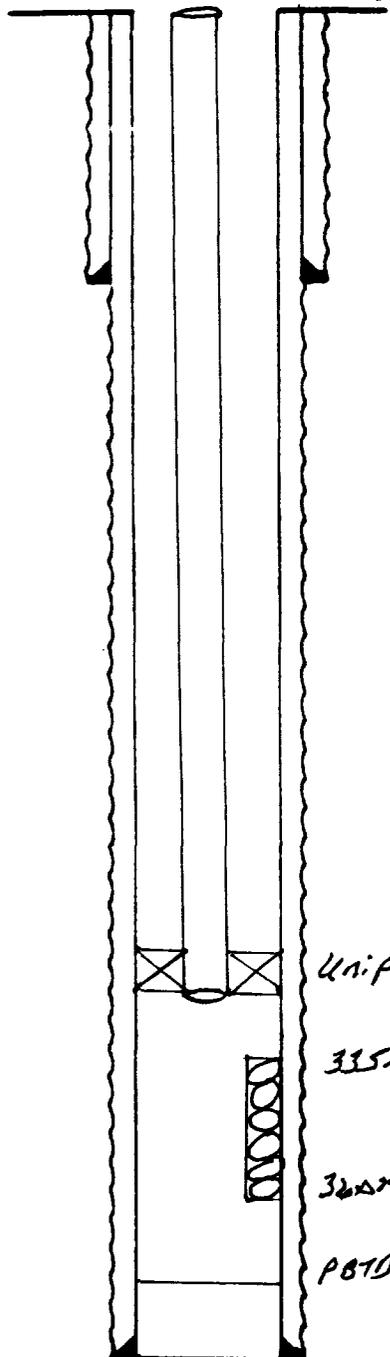
1. Name of the injection formation Sedan-Rivers - Queen
2. Name of Field or Pool (if applicable) _____
3. Is this a new well drilled for injection? Yes No
If no, for what purpose was the well originally drilled? Producing Oil Well

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. 38
DATE: 9/83 SPUDDED: 3/74 COMP. 3/74
ELEV: 3257 GR
LOCATION: 660' FNh & 660' FFL
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.

Uni-Pk II at 3152
3352
Perf
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)
Giberson Uni-Packer II packer at 3152 feet.
(brand and model)

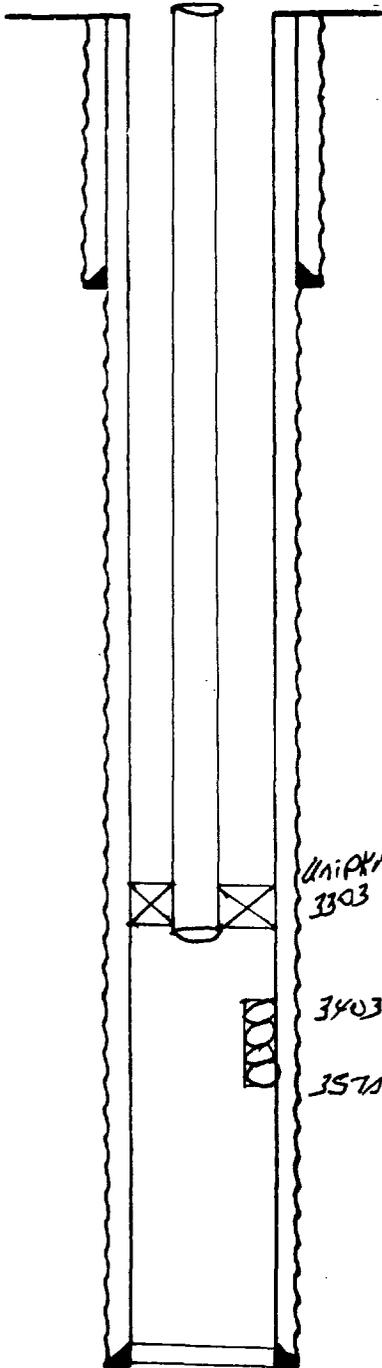
(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation Sedan 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 3rd 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\"/>

Injection Interval:
3403 feet to 3570 feet
Perforated.

Uni-Packer IV
3303
3403
3570

24# 7\"/>

Pack

10.5 # 4 1/2\"/>

TD 3750'
PBTD 3748'

Tubing size 2 7/8\"/>

(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. _____

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 3/90

STATUS WIW

OPERATOR Union Texas Petroleum Corporation

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

LOCATION 1930 FNU & 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 FEL

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 WIW

OPERATOR Union Texas Petroleum Corporation
LEASE & WELL NO. Langlie-Jal Unit No. 11
LOCATION 2310 FNL & 330 FCL
Sec. 31 T-24-S, 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-24-S, R-37-E
Lea County, New Mexico
CASING 8 5/8 at 177 w/ 15A sx
5 1/2 at 347A w/ 250 sx
at _____ w/ _____ sx
DEPTH 354 TD _____ PB
DATE DRILLED 6/57
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 # 260 FUL

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

Lea County, New Mexico

CASING 8 5/8 at 1245 w/ 150 sx

7" at 3468 w/ 150 sx

4 1/2 line at 3220 w/ 225 sx

DEPTH 3620 TD 3617 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 460 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/ 1250 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 7/8 at 2790 w/ 750 sx

5 1/2 at 3337 w/ 420 sx

DEPTH 3540 TD 3491 PB

DATE DRILLED 1/38

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/ 200 sx

_____ at _____ w/ _____ sx

DEPTH 3510 TD - PB

DATE DRILLED 1A/39

STATUS W/W

OPERATOR Union Texas Petroleum Corporation

LEASE & WELL NO. Langlie-Jal Unit No. 28

LOCATION 440 FSL # 1920 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 Lin at 3577 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 # 124 FWC
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 644 FNC # 1980 FFL
Sec. 5 T-25-S, R-37-E
Lea County, New Mexico
CASING 9 5/8 at 1235 w/ 570 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 FUL
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 FEC
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 FUL
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 & 1980 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 WIW

OPERATOR Union Texas Petroleum Corporation

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

LOCATION 1800' FNL & 330' T-EC

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 3495 w/ 150 sx

DEPTH 3695 TD 3494 PB

DATE DRILLED 3/39

STATUS WIW

OPERATOR Union Texas Petroleum Corporation

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

LOCATION 1980 FNL & 1980 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-37-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 WIW

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 1225 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-37E

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 WIW

OPERATOR Union Texas Petroleum Corporation

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

LOCATION 2150 FAL # 1930 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/ 250 sx

5 1/2 at 3430 w/ 300 sx

at w/ sx

DEPTH 3508 TD - PB

DATE DRILLED 6/57

STATUS WIW

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/ 225 sx

7" at 3375 w/ 300 sx

4 1/2" at 3705 w/ 125 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 FEC

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

Lea County, New Mexico

CASING 8 5/8 at 814 w/ 603 sx

4 1/2" at 3848 w/ 1140 sx

_____ at _____ w/ _____ sx

DEPTH 3850 TD 3814 PB

DATE DRILLED 12/74

STATUS Producing

OPERATOR Union Texas Petroleum Corporation

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

LOCATION 2200 FSL # 750 FEC

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 FUL

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

Lea County, New Mexico

CASING 95/8 at 1203 w/ 500 sx

1' at 3307 w/ 300 sx

at _____ w/ _____ sx

DEPTH 3537 TD - PB

DATE DRILLED 5/39

STATUS WIW

OPERATOR Union Texas Petroleum Corporation

LEASE & WELL NO. Langlie-Jal Unit No. 62

LOCATION 260 FSL # 640 FUL

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 3800 PB

DATE DRILLED 11/74

STATUS Producing

OPERATOR Union Texas Petroleum Corporation

LEASE & WELL NO. Langlie-Jal Unit No. 95

LOCATION 1250 FUL # 140 FSL

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 3625 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 840 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 & 2650 FUL

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

Lea County, New Mexico

CASING 8 5/8 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 8 5/8 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

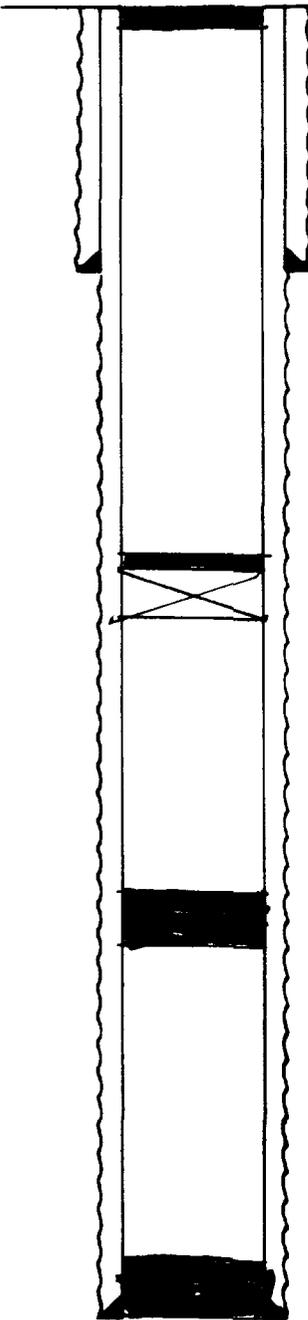
DATE DRILLED _____

STATUS _____

Gulf Oil - Opr.

UNION TEXAS PETROLEUM

FIELD: _____
LEASE: C.D. Walworth WELL NO. 2
DATE: 11/83 SPUDED: _____ COMP. _____
ELEV: _____
LOCATION: 330' FS P EU
Sec. 30, T. 24 S, R. 37 E
Lea County, N.M.



20 SX Plug
Surface

P & A 2/20

_____ # _____ " CSG. at _____ W/ _____ SX. _____
_____ " HOLE TOC _____

CIP at 2850
w/10 SX Plug
on Top

150 SX 2908

120 SX 3535-3580

_____ # _____ " CSG. at _____ W/ _____ SX. _____
_____ " HOLE TOC _____

TD 3580
PBTD _____

OPERATOR Reserve Oil & Gas - Getty

LEASE & WELL NO. Martin #2

LOCATION 990' FNL @ 467 F&U

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

Lea County, New Mexico

CASING 9 5/8 at 394 w/ 150 sx

7" at 3385 w/ 250 sx

5" at 3545 w/ 150 sx

DEPTH 3545 TD - PB

DATE DRILLED 10/39

STATUS Producing

OPERATOR Getty Oil Co.

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

LOCATION 2250 F&U @ 1650 F&U

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 F&U @ 1400 F&U

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

Lea County, New Mexico

CASING 8 5/8 at 775 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 Hutton Oil Co.
LEASE & WELL NO. Skelly M State #4
LOCATION 1650 F50 @ 260 F50
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 10/18
STATUS Producing

OPERATOR (Kenwood) APCO
LEASE & WELL NO. State - Texas #1
LOCATION 330 F50 @ 3310 F50
Sec. 32 T-27-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. Galmet State Head Cam #2
LOCATION 990 F50 @ 330 F50
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/ 757 sx
at _____ w/ _____ sx
DEPTH 3621 TD 3384 PB
DATE DRILLED 1939
STATUS Producing

OPERATOR ARCO
LEASE & WELL NO. State 157 C #3
LOCATION 330 FSL # 2510 FSL
Sec. 32 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 ARCO
LEASE & WELL NO. State 157 C #1
LOCATION 2310 FSL # E ECL
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 ARCO
LEASE & WELL NO. State 157 # 5 WIW
LOCATION 260 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 WIW

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 111 w/ 550 sx

5 1/2 at 3740 w/ 900 sx

_____ at _____ w/ _____ sx

DEPTH 3740 TD 3704 PB

DATE DRILLED _____

STATUS Producing

OPERATOR Gulf

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 PA June 1960

OPERATOR E1 Pasa Nat.
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 Doyle 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-25S, R-37E

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 Ftavo Pet. Corp. (Westates)
LEASE & WELL NO. Indian Wells B5 #1
LOCATION 33A FNL & 990 FEL
Sec. 5 T-25S, 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-25S, R-37-E

Lea County, New Mexico

CASING 8 5/8 at 322 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 El Paso
LEASE & WELL NO. Wells Federal #4-1
LOCATION 1980 FNL # 1980 FWL
Sec. S T-25-S, R-37-E
Lea County, New Mexico
CASING 8 5/8 at 295 w/ 253 sx
5 1/2 at 3348 w/ 300 sx
at _____ w/ _____ sx
DEPTH 3474 TD 3149 PB
DATE DRILLED 4/74 Recompleted
STATUS P102

OPERATOR Doyle Hartman
LEASE & WELL NO. Wells #2-13
LOCATION 1552 FNL # 2230 FFL
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 El 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 FWC
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 FWC
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.

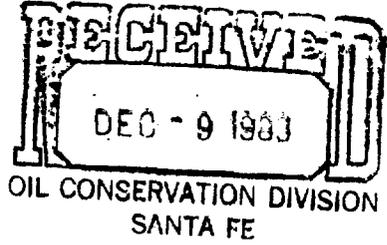
OPERATOR Dayle Hartman
LEASE & WELL NO. Salmat Fed. Com #1
LOCATION 590 FNL & 200 FWC
Sec. 2 T-25-S, R-37-E
Lea County, New Mexico
CASING 9 5/8 at 403 w/ 150 sx
5 1/2 at 3300 w/ 550 sx
at w/ sx
DEPTH 3300 TD 3285 PB
DATE DRILLED 2/80
STATUS Prod.

OPERATOR ARCO
LEASE & WELL NO. Custer Wells #1
LOCATION 181A FNL # 2164 FWC
Sec. 4 T-22-S, R-37-E
Lea County, New Mexico
CASING 13 3/8 at 1164 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,

James L. Linton

/mc