



Union Texas
Petroleum

Southwest Division
4000 North Big Spring
Suite 500
Midland, TX 79705
Telephone (915) 684-0600

October 4, 1985

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

RE: Conversion to Water Injection
Langlie Jal Unit Well No. 46, 60, 64 & 75
Section 5; T-25-S, R-37-E, Section 8
Lea County, New Mexico

Gentlemen:

We request permission to convert the referenced wells to injection. Enclosed are the necessary forms, including Form C-108 with all its attachments and sundry form describing our procedure.

Best regards,

UNION TEXAS PETROLEUM CORPORATION

A handwritten signature in cursive script that reads "Ken White".

Ken White
Regulatory Administrator

KEW/sst

Attachments

CC: Oil Conservation Commission
P.O. Box 1980
Hobbs, New Mexico 88240

Offset operators

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: 4000 N. Big Spring, Suite 500 Midland, TX 79705

Contact party: Ken White Phone: 915-684-0600

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: Ken White Title Regulatory Administrator

Signature: *Ken White* Date: 10-4-85

* 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

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

Form C-103
Revised 10-1-78

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5a. Indicate Type of Lease
State Federal

5. State Oil & Gas Lease No.
LC 055546

SUNDRY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name Langlie-Jal Unit
2. Name of Operator Union Texas Petroleum Corporation	8. Farm or Lease Name Langlie
3. Address of Operator 4000 N. Big Spring, Suite 500 Midland, Tx 79705	9. Well No. 46
4. Location of Well UNIT LETTER <u>G</u> <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>1980</u> FEET FROM THE <u>East</u> LINE, SECTION <u>5</u> TOWNSHIP <u>25</u> RANGE <u>37-E</u> NMPM.	10. Field and Pool, or Withcat Langlie-Mattix (Queen)
15. Elevation (Show whether DF, RT, GR, etc.) 3242' GR	12. County Lea

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK

TEMPORARILY ABANDON

PULL OR ALTER CASING

OTHER Convert to injection

PLUG AND ABANDON

CHANGE PLANS

SUBSEQUENT REPORT OF:

REMEDIAL WORK

COMMENCE DRILLING OPNS.

CASING TEST AND CEMENT JOBS

OTHER

ALTERING CASING

PLUG AND ABANDONMENT

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

1. Move in rig up.
2. Trip out production equipment.
3. Clean out to PSTD.
4. Trip in hole with injection packer to 3200'.
5. Circulate packer fluid and set injection packer.
6. Nipple up wellhead.
7. Place on injection.

NOTE: Start date will be immediately after approval.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED [Signature] TITLE Regulatory Administrator DATE 9-17-85

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Langlie Jal Unit #46
Convert to Injection Procedure

1. MIRU Sercive Unit.
2. POH with production equipment.
3. Clean out wellbore to T.D. of 3625'.
4. TIH with 2 7/8" workstring and treating packer to 3150'. Set packer.
5. Acidize Seven Rivers/Queen with 4000 gals. B. J. one shot acid and diverting agent.
6. Swab back load. TOH.
7. TIH with 2 3/8" IPC tubing with a nickel plated Gurberson Unipacker I. Set packer at +3150'.
8. Nipple up wellhead. Place on injection.

P O BOX 1468
 MONAHANS, TEXAS 79756
 PH. 843-3234 OR 563-1040

Martin Water Laboratories, Inc.

708 W. INDIANA
 MIDLAND, TEXAS 79701
 PHONE 683-4521

RESULT OF WATER ANALYSES

LABORATORY NO. 88462
 TO: Mr. Mike Ferris SAMPLE RECEIVED 8-1-84
P.O. Box 122, Jal, NM RESULTS REPORTED 8-8-84

COMPANY Union Texas Petroleum Corp. LEASE Langlie Jal Unit
 FIELD OR POOL Justia
 SECTION BLOCK SURVEY COUNTY Lea STATE NM

- SOURCE OF SAMPLE AND DATE TAKEN:
- NO. 1 Produced water - taken from Satellite #1 (well #60), 8-1-84
 - NO. 2 Produced water - taken from free water knockout inlet, -8-1-84
 - NO. 3 Produced water - taken from free water knockout outlet, 8-1-84
 - NO. 4 Produced water - taken from Ken electric outlet, 8-1-84

REMARKS:

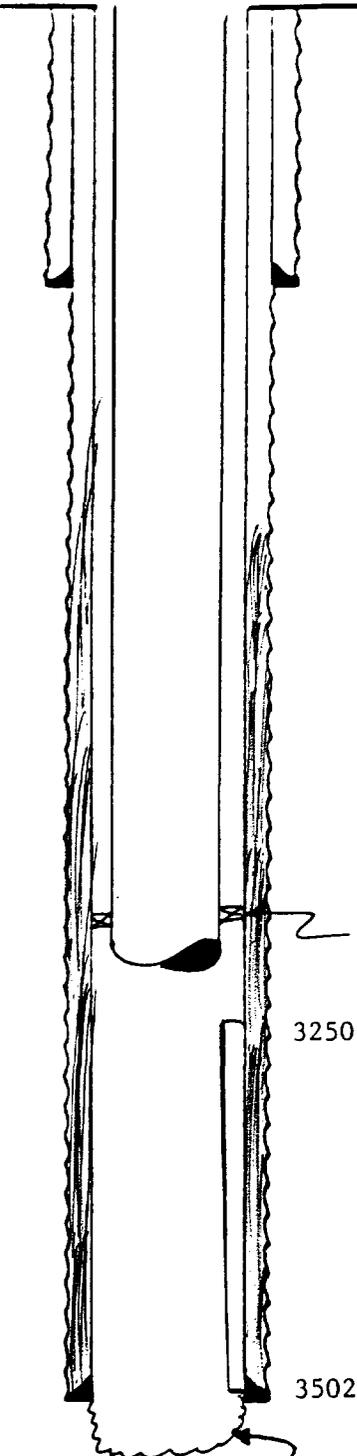
CHEMICAL AND PHYSICAL PROPERTIES				
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.0263	1.0256	1.0327	1.0349
pH When Sampled	7.5	7.2	7.2	7.5
pH When Received	7.32	7.16	7.13	7.50
Bicarbonate as HCO ₃	1,122	1,354	1,293	2,111
Supersaturation as CaCO ₃	160	70	60	210
Undersaturation as CaCO ₃	—	—	—	—
Total Hardness as CaCO ₃	6,900	9,400	11,400	12,000
Calcium as Ca	830	760	840	980
Magnesium as Mg	1,172	1,823	2,260	2,321
Sodium and/or Potassium	10,214	9,123	10,830	12,398
Sulfate as SO ₄	1,585	1,524	1,768	1,128
Chloride as Cl	18,820	18,820	22,726	25,567
Iron as Fe	0.31	0.47	1.4	0.23
Barium as Ba	0	0	0	0
Turbidity, Electric	3	9	17	4
Color as Pt	2	2	10	10
Total Solids, Calculated	33,744	33,403	39,717	44,504
Temperature °F.	69	70	70	65
Carbon Dioxide, Calculated	58	149		110
Dissolved Oxygen, Winkler	0.0	0.0	0.0	0.0
Hydrogen Sulfide	800	800	800	1,125
Resistivity, ohms/m at 77° F.	0.232	0.233	0.205	0.177
Suspended Oil	40	79	113	4
Filtrable Solids as mg/l	15.1	8.7	29.8	11.6
Volume Filtered, ml	2,000	2,000	520	740

Results Reported As Milligrams Per Liter

Additional Determinations And Remarks

UNION TEXAS PETROLEUM

FIELD: Langlie Mattix
LEASE: Langlie Jal Unit WELL NO. 46
DATE: 9/16/85 SPUDDED: 4/17/56 COMP 5/1/56
ELEV: DF 3253 KB
LOCATION: 1980' FNL & 1980' FEL
Section 5, T25S, R37E
Lea County, New Mexico



9-5/8 CSG. of 295' w/ 225 SX.
" HOLE TOC Surface

Injection Interval
3250 Feet to 3625 Feet
Perforated and open hole

*TOC Calc @
535'
70% Fil.*

440'

TOC - 295'

3100
3050
150'

3502 15-1/2 # 5-1/2" CSG. of 3508' w/ 300 SX.
" HOLE TOC 295'
4-3/4" openhole to 3625'

TD 3625'
PSTD 3625'

Tubing size 2-3/8" line with plastic set in a
Guiberson Uni-Packer I packer at 3100' 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 Langlie Mattix)
3. Is this a new well drilled for injection [] Yes [X] 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 zone (pools) in this area. 3000'/Jalmat

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

Form C-103
Revised 10-1-78

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OPERATOR	

5a. Indicate Type of Lease
State Federal ⁵⁰
5. State Oil & Gas Lease No.
LC-055546

SUNDRY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name Langlie-Jal Unit
2. Name of Operator Union Texas Petroleum Corporation	8. Farm or Lease Name Langlie
3. Address of Operator 4000 N. Big Spring, Suite 500 Midland, Texas 79705	9. Well No. 60
4. Location of Well UNIT LETTER <u>I</u> <u>660</u> FEET FROM THE <u>East</u> LINE AND <u>1830</u> FEET FROM THE <u>South</u> LINE, SECTION <u>5</u> TOWNSHIP <u>25-S</u> RANGE <u>37-E</u> NMPM.	10. Field and Pool, or Wildcat
15. Elevation (Show whether DF, RT, GR, etc.) 3220' GR	12. County Lea

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <u>Convert to injection</u> <input checked="" type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

1. Move in rig up.
2. Trip out production equipment.
3. Clean out to PBTB.
4. Trip in hole with injection packer to 3200'.
5. Circulate packer fluid and set injection packer.
6. Nipple up wellhead.
7. Place on injection.

NOTE: Start date will be immediately after approval.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Ben White TITLE Regulatory Administrator DATE 9-17-85

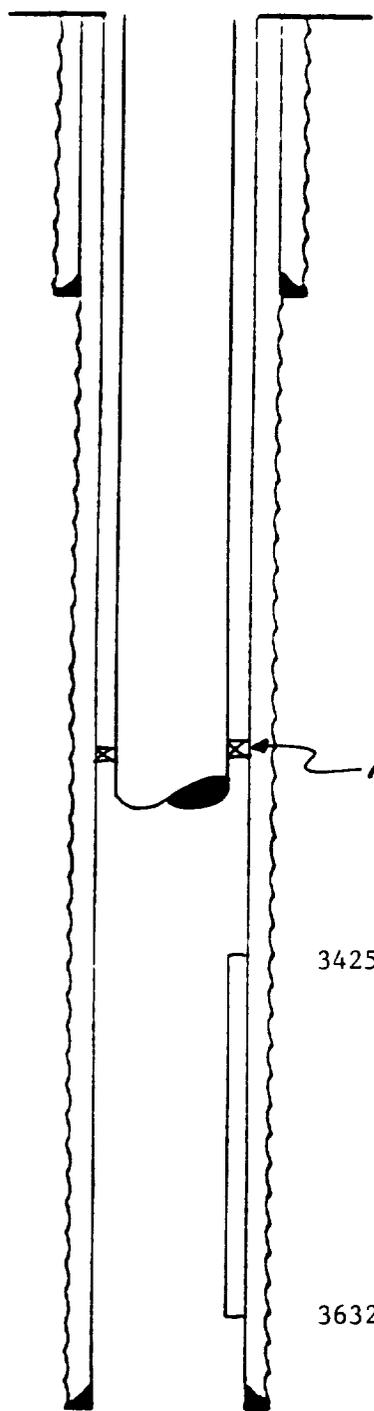
APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Langlie Jal Unit #60
Convert to Injection Procedure

1. MIRU Service Unit.
2. POH with production equipment.
3. Clean out well to 3750'.
4. TIH with workstring & treating packer. Set packer @ 3350'.
5. Acidize the Seven Rivers/Queen w/3000 gals. of B. J. one shot acid and diverting agent.
6. Swab back load. TOH with tubing & packer.
7. TIH with 2 3/8" IPC tubing and Gurberson Unipacker I (nickel plated) and set packer @ 3300'.
8. Nipple up wellhead and place on injection.

FIELD: Langlie Mattix
LEASE: Langlie Jal Unit WELL NO. 60
DATE: 9/16/85 SPUDDED: 11/25/74 COMP 12/19/74
ELEV: 3220' G.L.
LOCATION: 660' FEL & 1830' FSL
Section 5, T25S, R37E
Lea County, New Mexico



24 # 8-5/8" CSG. of 814 w/ 600 SX. Class C
12-1/2 " HOLE TOC Surface

Injection Interval
3425 Feet to 3632 Feet
Perforated

TOC-575 T.S.

3425

3632

10.5 # 4-1/2" CSG. of 3848 w/ 1100 SX.
7-7/8 " HOLE TOC

TD 3850'
PBTD 3815'

Tubing size 2-3/8" line with plastic set in a
Guiberson Uni-Packer I packer at 3300' 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) Langlie Mattix
3. Is this a new well drilled for injection [] Yes [X] 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 zone (pools) in this area. 3000'/Jalmat

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

Form C-103
Revised 10-1-78

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5a. Indicate Type of Lease
State Federal **R#**

5. State Oil & Gas Lease No.
LC-055546

SUNDRY NOTICES AND REPORTS ON WELLS
DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name Langlie-Jal Unit
2. Name of Operator Union Texas Petroleum Corporation	8. Farm or Lease Name Langlie
3. Address of Operator 4000 N. Big Spring, Suite 500 Midland, Texas 79705	9. Well No. 64
4. Location of Well UNIT LETTER 0 660 FEET FROM THE south LINE AND 1980 FEET FROM THE East LINE, SECTION 5 TOWNSHIP 25-S RANGE 37-E N.M.P.M.	10. Field and Pool, or WHDCat Langlie-Mattix (Queen)
15. Elevation (Show whether DF, RT, GR, etc.) 3251 GR	12. County Lea

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <u>Convert to injection</u> <input checked="" type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1703.

1. Move in rig up.
2. Trip out production equipment.
3. Clean out to PBTB.
4. Trip in hole with injection packer to 3200'.
5. Circulate packer fluid and set injection packer.
6. Nipple up wellhead.
7. Place on injection.

NOTE: Start date will be immediately after approval.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Bruce White TITLE Regulatory Administrator DATE 9-17-85

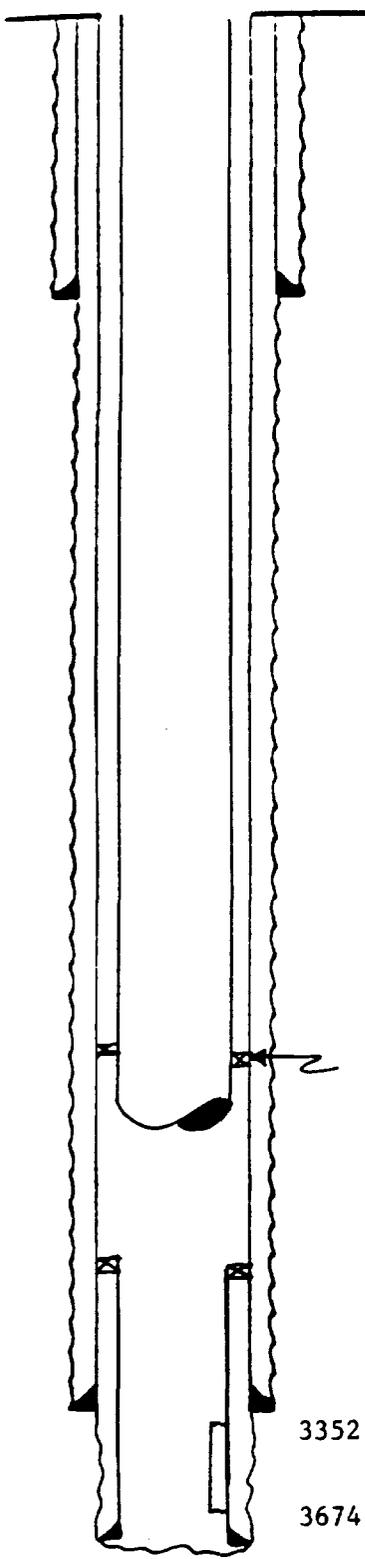
APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Langlie Jal Unit #64
Convert to Injection Procedure

1. MIRU Service Unit.
2. POH with production equipment.
3. Clean out well to 3680'.
4. TIH with workstring and treating packer. Set packer @ 3250' inside 4 1/2" liner.
5. Acidize the Seven River/Queen with 4000 gallons of B. J. one shot acid and diverting agent.
6. Swab back load. TOH with workstring and packer.
7. TIH with 2 3/8" IPC tubing and Gurberson Unipacker I (nickel plated) and set packer @ +3250'.
8. Nipple up wellhead and place on injection.

FIELD: Langlie Mattix
 LEASE: Langlie Jal Unit WELL NO. 64
 DATE: 9/18/85 SPUDDED: 6/1/38 COMP 7/3/38
 ELEV: 3207' DF
 LOCATION: 660' FSL & 1980' FEL
Section 5, T25S, R37E
Lea County, New Mexico



34.75 # 9-5/8 CSG. at 1163 w/ 500 sx.
 " HOLE TOC Circ

Injection Interval
 3352 Feet to 3674 Feet
 Perforated

*TOC - 1780
 Est.*

3352 22 # 7" CSG at 3203' w/ 300 sx.
 " HOLE TOC _____
3674 10.5# 4-1/2" LINER @ 3700' w/ 100 sx
 TOC 3169' (Top of Liner)
 TD 3700'
 PBTD 3680'

Tubing size 2-3/8" line with _____ plastic _____ set in a
Guiberson Uni-Packer I packer at 3250' feet
 (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 [X] 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 zone (pools) in this area. 3000'/Jalmat

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
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5a. Indicate Type of Lease
State Patented

5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name Langlie-Jal Unit
2. Name of Operator Union Texas Petroleum Corporation	8. Farm or Lease Name Langlie
3. Address of Operator 4000 N. Big Spring, Suite 500 Midland, TX 79705	9. Well No. 72
4. Location of Well UNIT LETTER <u>C</u> <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>2310</u> FEET FROM THE <u>West</u> LINE, SECTION <u>8</u> TOWNSHIP <u>25-S</u> RANGE <u>37-E</u> N.M.P.M.	10. Field and Pool, or Wildcat Langlie-Mattix (Queen)
15. Elevation (Show whether DF, RT, GR, etc.) 3190' GR	12. County Lea

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <u>Convert to injection</u> <input checked="" type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

1. Move in rig up.
2. Trip out production equipment.
3. Clean out to PBTD.
4. Trip in hole with injection packer to 3200'.
5. Circulate packer fluid and set injection packer.
6. Nipple up wellhead.
7. Place on injection.

NOTE: Start date will be immediately after approval.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED [Signature] TITLE Regulatory Administrator DATE 9-17-85

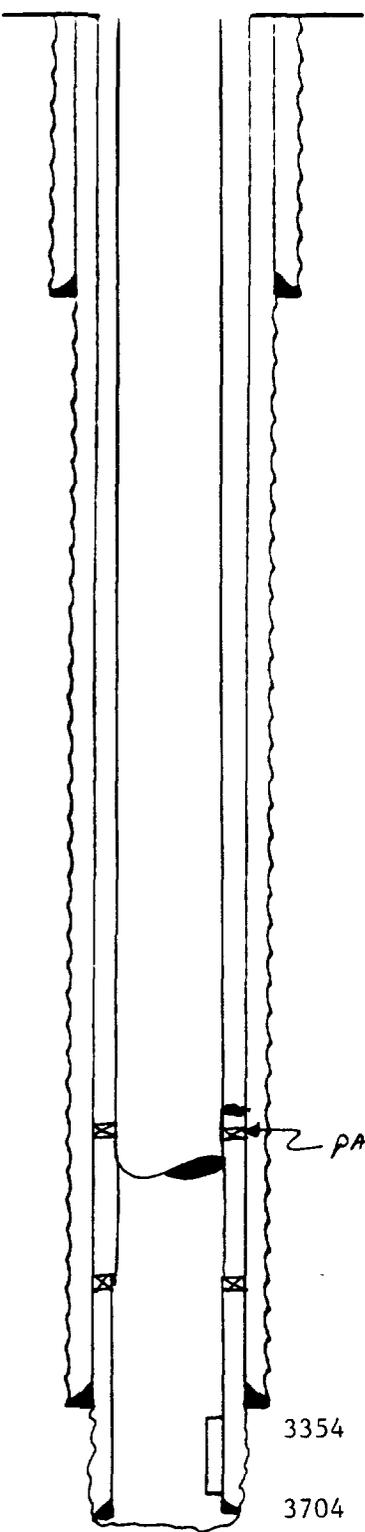
APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Langlie Jal Unit #72
Convert to Injection Procedure

1. MIRU service unit.
2. POH with production equipment.
3. Clean out well to top of Retrievable Bridge Plug @ 3630'. Attempt to POH with RBP.
4. TIH with workstring and treating packer. Set packer @ 3300'.
5. Acidize the Seven Rivers/Queen with 4500 gallons of B. J. one shot acid and diverting agent.
6. Swab back load. TOH with workstring and packer.
7. TIH with 2 3/8" IPC tubing and 5 1/2" Unipacker I (nickel plated) and set packer @ 3075'.
8. Nipple up wellhead and place on injection.

FIELD: Langlie Mattix
 LEASE: Langlie Jal Unit WELL NO. 72
 DATE: 9/18/85 SPUDDED: 11/13/37 COMP 12/26/37
 ELEV: 3190' RT
 LOCATION: 660' ENL. & 2310' FWL
Section 8, T25S-R37E
Lea County, New Mexico



28 # 8-5/8" CSG. at 2767 w/ 900 SX.
12-1/2 " HOLE TOC Surface

Injection Interval
 3348' Feet to 3704' Feet
 Perforated

TOC - 1477 TOC Est.

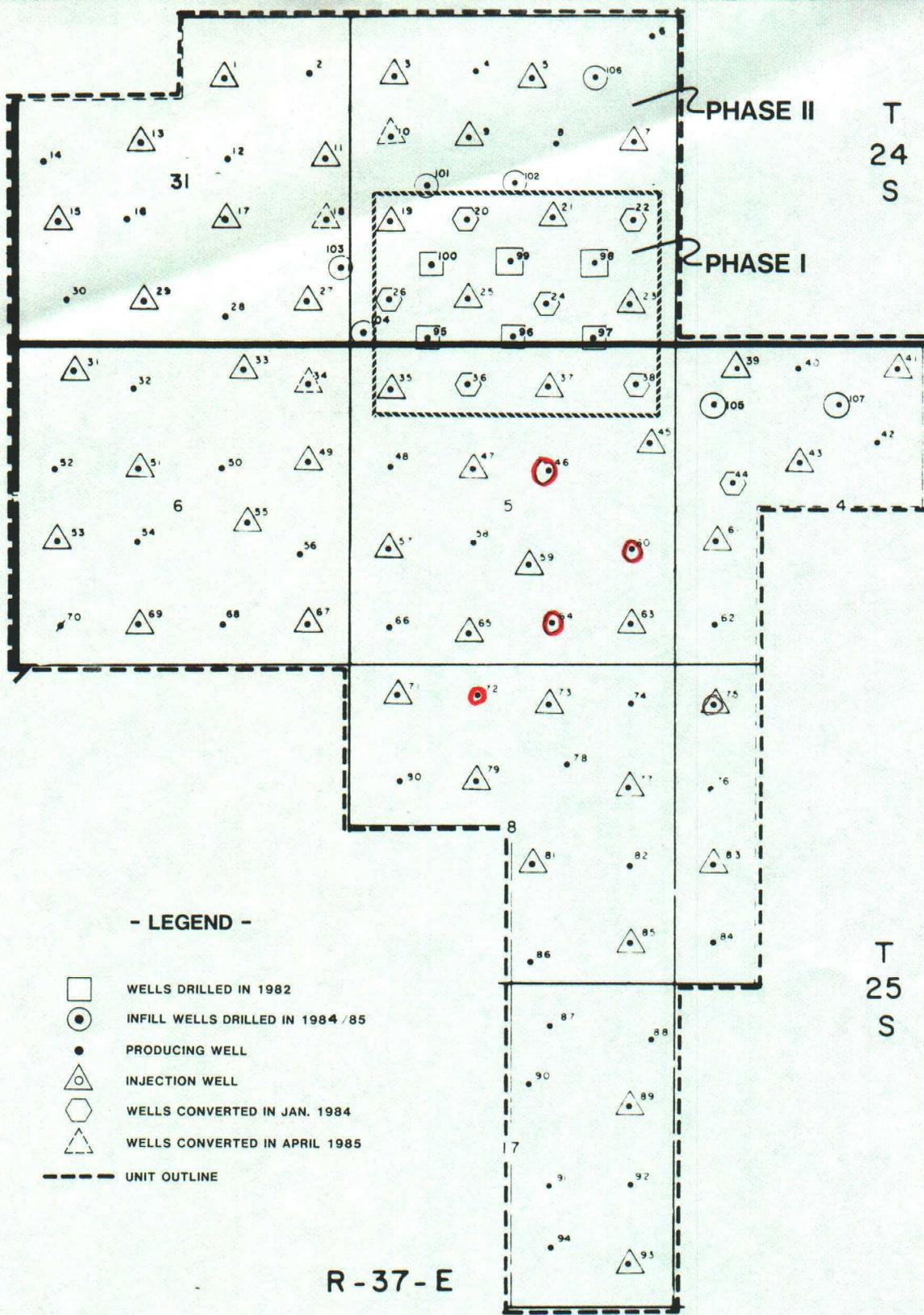
TOC at 3079' 100% fill

3354 17 # 5-1/2" CSG. at 3250 w/ 25 SX.
7-7/8 " HOLE TOC
 3704 10.3# 3-1/2" Liner @ 3748 w/ 350 sx
4-3/4" Hole TOC @ top of liner @ 3145'
 TD 3748
 PBTD 3715

Tubing size 2-3/8" line with plastic set in a
Guiberson Uni-Packer I packer at 3200 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) Langlie Mattix
3. Is this a new well drilled for injection [] Yes [X] 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).
Yes, 3000-3012 Squeezed w/350 sx and 3112-3160 Squeezed w/100 sx
5. Give the depth to and name of any overlying and/or underlying oil or gas zone (pools) in this area. 3000'/Jalmat



- LEGEND -

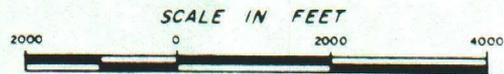
- WELLS DRILLED IN 1982
- INFILL WELLS DRILLED IN 1984 / 85
- PRODUCING WELL
- △ INJECTION WELL
- ⬡ WELLS CONVERTED IN JAN. 1984
- △ WELLS CONVERTED IN APRIL 1985
- - - UNIT OUTLINE

R-37-E

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25
S

UNION TEXAS PETROLEUM CORP.

LANGLIE - JAL UNIT
LEA COUNTY, NEW MEXICO



M. R. L.

SOUTHWEST DIVISION

8-84

LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE

AFFIDAVIT OF PUBLICATION

State of New Mexico,

County of Lea.

I, _____

Robert L. Summers

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 _____

One weeks.

Beginning with the issue dated
September 24, 19 85

and ending with the issue dated
September 24, 19 85

Robert L. Summers
Publisher.

Sworn and subscribed to before

me this 2 day of
October, 19 85

Vera Murphy
Notary Public

My Commission expires _____

Nov. 14, 19 88
(Seal)

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

LEGAL NOTICE
SEPTEMBER 24, 1985

"Union Texas Petroleum Corporation has submitted applications to the New Mexico Oil Conservation Commission to convert to injection the following wells located in Lea County, New Mexico:
Langlie Jal Unit #46 1980' FNL & 1980' FEL, Sec 5-T25S-R37E
Langlie Jal Unit #60 660' FEL & 1830' FSL, Sec 5-T25S-R37E
Langlie Jal Unit #64 660' FSL & 1980' FEL, Sec 5-T25S-R37E
Langlie Jal Unit #72 660' FNL & 2310' FWL, Sec 8-T25S-R37E

The above wells will be used to inject salt water into the Seven Rivers and Queen formation at perforated intervals of 3352' to 3474'. Injection rate is estimated at a daily rate of 500 barrels with a maximum of 1000 barrels at an estimated injection pressure of 700 psi not to exceed 850 psi, or not to exceed formation fracture pressure.

Interested parties have 15 days from the date of this publication to file an objection or to request a hearing. Objection may be filed by contacting the Oil Conservation Commission Division, P.O. Box 2088, Santa Fe, New Mexico, 87501. Applicant can be contacted by writing Union Texas Petroleum Corporation, 4000 N. Big Spring, Suite 500, Midland, TX 79705 or by calling Ken White at 915-684-0468."

RECEIVED

OCT 4 1985

REGULATORY
SOUTHWEST DIVISION

OFFSET OPERATORS AND SURFACE OWNERS

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

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

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

Phillips Petroleum
4001 Penbrook
Odessa, Texas 79762

Reserve Oil and Gas
Box 1404
Houston, Texas 77001

Dalport Oil Corporation
3471 Interfirst One
Dallas, TX 75202

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

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

Woolworth Estate
c/o Board of Trustees
Jal, New Mexico 88252

WFX-552



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

November 15, 1985

TONEY ANAYA
GOVERNOR

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88240
(505) 393-6161

RECEIVED
NOV 18 1985
OIL CONSERVATION DIVISION
SANTA FE

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

RE: Proposed:

MC _____
DHC _____
NSL _____
NSP _____
SWD _____
WFX _____ X
PMX _____

Gentlemen:

I have examined the application for the:

Union Tex. Pet. Corp. Langlie Jal Unit #46, 60, 64 & 75 5-25-37
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

O.K. ---J.S.

Yours very truly,

Jerry Sexton
Supervisor, District 1

/mc