

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

m white

Ken White

Regulatory Administrator

KEW/sst

Attachments

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

Offset operators

of the earlier submittal.

FURM C-108 Revised 7-1-81

PPLICA	TION FOR AUTHORIZATION TO INJECT
I.	Purpose: X Secondary Recovery Pressure Maintenance Disposal Storage Application qualifies for administrative approval? X 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
111.	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? X yes \square no If yes, give the Division order number authorizing the project $R-4051$, Nov. 1970 .
٧.	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:
·	 Proposed average and maximum daily rate and volume of fluids to be injected; Whether the system is open or closed; Proposed average and maximum injection pressure; Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and 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.).
	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.
х.	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.
all.	Applicants must complete the "Proof of Notice" section on the reverse side of this form.
xıv.	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: 11 11111 Date: 10-4-85
If t	he information required under Sections VI, VIII, X, and XI above has been previously

Order No. R-4051, November 1970

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40. 00 COPICS RECEIVES	
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SANTA PE	
FILE	
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LAND OFFICE	
OPERATOR	

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION

DISTRIBUTION SANTA PE	P.O.BO Santa Fe, New	•	Form C-103 Revised 10-1
U.S.G.S.			Sa. Indicate Type of Lease State Federalxx
SUMPRY NOT	ICES AND REPORTS ON	WELLS	5: State Oil & Gas Lease No. LC 055546
USE "APPLICATION FOR I	ICES AND REPORTS ON O DRILL OR TO DEEPEN OR FLUG B	WELLS ACT TO A DIFFERENT RESERVOIR. H PROPOSALS.)	7. Unit Agreement Name
2. Name of Operator			langlie-lal Unit
Union Texas Petroleum Co 3. Address of Operator 4000 N. Big Spring, Sui		Ty 70705	Langlie 9. Well No.
4. Location of Well	FEET FROM THE North		10. Field and Pool, or Wildcat
	5 TOWNSHIP 25		_ www
	15. Elevation (Show whether 3242 GR	DF, RT, GR, etc.)	12. County Lea
Check Approp		ature of Notice, Report	t or Other Data EQUENT REPORT OF:
PERFORM REMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CASING	PLUG AND ABANDON	REMEDIAL WORK COMMENCE DRILLING OPHS, CASING TEST AND CEMENT JQB	ALTERING CASING PLUG AND ABANDONMENT
Convert to injection	<u> </u>	панто	
1. Move in rig up. 2. Trip out production 3. Clean out to PBTD. 4. Trip in hole with in 5. Circulate packer flu 6. Nipple up wellhead. 7. Place on injection.	equipment.	2200'.	including estimated date of starting any propo
NOTE: Start date will b	e immediately after	approval.	
·			•
16. I hereby certify that the information above is	true and complete to the best o		
116440 - JOHN WALLE	7171.6	Regulatory Admini	strator • • 9-17-85

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.

	RESULT OF WATER	ANALYSES		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
man () and a	L	ABORATORY NO		
P.O. BOX IRE JAL ME	SA	MPLE RECEIVED	8-1-84	
P.O. BOX TER , JAL, ME		ESULTS REPORTE	10 · · · · · · · ·	
COMPANY Union Texas Petroleus	LEASE	Langlie Ja	l Unit	
TIELD OR POOL	Justia			
ECTION BLOCK SURVEY		44	TATE MM	
OURCE OF SAMPLE AND DATE TAKEN:				
NO. 1 Produced water - taken	from Satellite #1	(well #60). 8	-1-84	
NO. 2 Produced water - taken				
NO. 3 Produced water - taken				
NO. 4 Produced water - taken	from Ken electric	ontlet. 8-1-8	<u> </u>	
REMARKS:				
CHE	MICAL 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 CaCO3	160	70	60	210
Undersaturation as CaCO3			-444	
Total Hardness as CaCO3	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 \$04	1.585	1.524	1.768	1.128
Chloride as CI	18,820	18 820	22,726	25.567
Iron as Fe	0.31	0.47	1.4	0.23
Barium as Ba	Q	<u> </u>	0	0
Turbidity, Electric	3	9	17	4
Color as Pt		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
Hydrogen Sulfide	200	800	800	1,125
Resistivity, ohms/m at 77° F.	0.222	0,233	0.205	0.177
Suspended Oil	40	79	113	4
Filtrable Solids as mg/1	15.1	8.7	39.8	11.6
Volume Filtered, mi	2,000	2,000	520	740
		<u></u>		<u> </u>
		<u> </u>		
	Results Reported As Milligram	ns Per Liter		
Additional Determinations And Remarks				

	FIELD: Langlie Mattix
	LEASE: Langlie Jal Unit WELL NO. 46
	DATE: 9/16/85 SPUDDED: 4/17/56 COMP 5/1/56
	ELEN: DF 3253 KB LOCATION: 1980' FNL & 1980' FEL
	Section 5. T25S. R37E
	Lea County, New Mexico
	\
	\
	\
	# 9-5/8 csg. at 295' W/ 225 sx.
	" HOLE TOC Surface
	Injection Interval
{	
	3250 Feet to 3625 Feet
	Perforated and open hole
	Perforated and open note
	18 535 Fil.
	16 235 Fill.
	10000
	$\mathcal{N}_{\mathcal{O}}$
	<u> </u>
	Z PACKER
	3100 (0)
	31 ¹⁰ 35 ⁰ 50
	<i>y</i> \ <i>y</i>
and the second	
	3502 15-1/2 # 5-1/2 csc. at 3508 w/ 300 sx
	"HOLE TOC 295'
	4-3/4" openhole to 3625'
	TD 3625' PBTD 3625'
- 1 -	
Tubing si	ize 2-3/8" line with plastic set in a
	son Uni-Packer I packer at 3100' feet
(or disci	ribe any other casing-tubing seal).
Other Dat	ta of the injection formation Seven Rivers-Queen
2. Name	of Field or Pool (if applicable Langlie Mattix
	his a new well drilled for injection [] Yes [X] No
	o, for what purpose was the well originally drilled? Producing Oil Well
If no	
If no	the well ever been perforated in any other zone(s)? List all such perforated rvals and give plugging detail (sacks of cement or bridge plug(s) used). No

UNION TEXAS PETROLLUM

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OPERATOR	

OIL CONSERVATION DIVISION

DISTRIBUTION SANTA PE	P. O. BOX 2 SANTA FE, NEW M		Form C-103 · Revised 10-1-78
FILE U.S.G.S.	PT PE, NEW M	1EXICO 8/301	Sa. Indicate Type of Lease
LAND OFFICE		•	State Federalxxx 3
			LC-055546
	Y NOTICES AND REPORTS ON WE POSSES TO DRILL OR TO DEEPER OF FLUE SACE		7. Unit Agreement Name
ort See GAS WELL 2. Name of Operator	OTHER-		langlie-Jal Unit
Union Texas Petrolo	eum Corporation		langlie
3. Address of Operator 4000 N. Big Spring	, Suite 500 Midland.	Texas 79705	9. Well No.
unit LETTER I	660 FEET FROM THE East	LINE AND	10. Field and Pool, or Wildcat
THE South LINE, SECTIO	5 TOWNSHIP 25-S	RANGE 37-E	
	15. Elevation (Show whether DF 3220 GR	, RT, GR, etc.)	12. County Lea
Check A	Appropriate Box To Indicate Nat		
PERFORM REMEDIAL WORK		EMEDIAL WORK	ALTERING CASING
PULL OR ALTER CASING		ASING TEST AND CEMENT JOB	PLUS AND ASANDONMENT
OTHER Convert to inject	ction	OTHER	
17. Describe Proposed or Completed Op work) SEE RULE 1603.	erations (Clearly state all pertinent details	, and give pertinent dates, inclu	ding estimated date of starting any proposed
1. Move in rig up. 2. Trip out produc	ction equipment.		
	ith injection packer to 320		
Nipple up well!		packer.	
7. Place on inject	:10n.		
NOTE: Start date	will be immediately after	approval.	
	·	,,	•
18. I hereby certify that the information	above is true and complete to the best of s	my knowledge and belief.	
By whe	Tirue Rec	gulatory Administrato	r oate <u>9-17-85</u>
/			

Langlie Jal Unit #60 Convert to Injection Procedure

- 1. MIRU Service Unit.
- 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.

	UON TEXAS PERROLEUM
•	FIELD: Langlie Mattix
	LEASE: Langlie Jal Unit WELL NO. 60
	DATE: 9/16/85 SPUDDED: 11/25/74 COMP 12/19/74 ELEN: 3220' G.L.
	LOCATION: 660' FEL & 1830' FSL
	Section 5, T25S, R37E Lea County, New Mexico
3111 1113	
}	•
{ 	
<u> </u>	12-1/2 " HOLE TOC Surface
} }	
} }	Injection Interval
\ 	3425 Feet to 3632 Feet
\ 	Perforated
\ 	15.
} }	PACKER
	PACKER
}	$\frac{10}{10}$
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3425	
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} }	
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{	
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3632	
} }	
	10.5 # 4-1/2" csg. at 3848 w/1100 sx
	<u>/-//8</u> HOLE TOC
	TO 3850'
	PBTD 3815'
m.l	0.2/0" 11
_	2-3/8" line with plastic set in a
Guiberson Uni	H-Packer I packer at 3300' feet my other casing-tubing seal).
Other Data 1. Name of the	e injection formation Seven Rivers-Queen
2. Name of Fie	eld or Pool (if applicable Langlie Mattix
	new well drilled for injection [] Yes [X] No
	what purpose was the well originally drilled? Producing Oil Well
	ll ever been perforated in any other zone(s)? List all such perforated and give plugging detail (sacks of cement or bridge plug(s) used). No
THIELVSIS 8	"" Prie brobbing decays (sacks of cement of pirage brokes) asea). ""
5. Give the de	epth to and name of any overlying and/or underlying oil or gas zone (pools)
in this are	a. 3000'/Jalmat

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DISTRIBUTION	P. O. BOX 2088	Form C-103 ·
SANTA PE	SANTA FE, NEW MEXICO 87501	Revised 10-1-78
FILE		5a. Indicate Type of Lease
U.S.G.S.		
LAND OFFICE		state Federal Re 🗴
OPERATOR		5; State Ott & Gas Lease No.
-		LC-055546
SUNDR	Y NOTICES AND REPORTS ON WELLS	
IDO NOT USE THIS FORM FOR PRO	POSALS TO PRILL OF TO DEEPEN OR PLUG BACK TO A DIFFERENT BERFOUNIB.	
1.		7. Unit Agreement Name
oil Well Well	*****	
2. Name of Operator	- P3HTO	Langlie-Jal Unit 8. Form of Lease Name
		o. Futin of Lease (4ame
Union Texas Petrol	eum Corporation	Langlie
3, Address of Operator		9. Well No.
4000 N. Big Spring	, Suite 500 Midland, Texas 79705	64 -
4. Location of Well		10. Field and Pool, or Wildcat
0 66	O PEET FROM THE SOUTH LINE AND 1980 PEET P	Langlie-Mattix (Queen)
UNIT LETTER	FEET FROM THE SOUGH LINE AND 1900 FEET F	"OM Langite-Maccix Queen
Fac+		
THEEast_ LINE, SECTION	ON 5 TOWNSHIP 25-S MANGE 37-E	···· (
	15. Elevation (Show whether DF, RT, GR, etc.)	12. County
	3251 GR	Lea
16. Charle		
	Appropriate Box To Indicate Nature of Notice, Report or	
NOTICE OF IN	SUBSEQUE	ENT REPORT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON	COMMENCE DRILLING OPHS.	PLUS AND ABANDONMENT
PULL OR ALTER CASING	CHANGE PLANS CASING TEST AND CEMENT JOS	_
_	OTHER	
Convert to inject		
		•
17, Describe Proposed or Completed Op	perations (Clearly state all pertinent details, and give pertinent dates, inclu	ding estimated date of starting any proposed
work) SEE RULE 1103.		
1 Maya in mia un		
1. Move in rig up		
2. Trip out produ		
Clean out to Plan		-
4. Trip in hole w	ith injection packer to 3200'.	
Circulate pack	er fluid and set injection packer.	
6. Nipple up well	head.	
7. Place on inject		•
71 Trade on Migeo		
NOTE: Ctaut data		
NOTE: Start date w	will be immediately after approval.	
		•
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18. I hereby certify that the information	above is true and complete to the best of my knowledge and belief.	
The 11/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1	Regulatory Administrator	9-17-85
olenco / San Ann	TITLE REGULATORY Admitstrator	DATE 3-17-03

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.

	34 ● 75 #	glie Jal 85 SPU 7' DF	Unit COED: 6 & 1980 5, T258	5/1/38 O' FEL 5, R37E	COMP		_	
	ELEN: 320 LOCATION:	7' DF 660' FSL Section 5	& 1980 5, T25S)' FEL S, R37E		7/3/38	-	
	LOCATION: _	660' FSL Section 5	5, T25S	, R37E				
	34•75	Section 5	5, T25S	, R37E				
	34 ● 75 #							
	34 • 75 # _							
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}								
}		9-5/8 csg	s. at 11	163 w/_5	00 sx.			
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3352	" H	OLE T	oc			_		
) 3674	10.5# 4							
,		Т	roc <u>31</u>	169' (Top	of Liner) .		
•								
	PETD 3680	<u>, </u>						
size _	2-3/8" 1:	ine with		plasti	<u> </u>			set in a
erson Uni	-Packer T		packe	r at	3250'			feet
scribe an	y other cas:	ing-tubin	g seal).				
Date								
	injection:	formation	Se ¹	ven Rive	s-Queen			
me of Pia	ld or Pool	(1f ann1+)	cahla	Tanol	Le Metti-			
			•					
							ucine Ail	Well
	wirer barbose	s was the	METT (OF YRTHET.		rrod	GYUS OY1	
g the mal	l ever been	nerforst	ed in	any other	rone(a)		1 guch ne	rforated
	-		·		 			
	berson United the lame of Field this and fino, for the well	3352 # 3700' 3674 10.5# 4 TO 3700' PETO 3680 Size 2-3/8" 1: berson Uni-Packer I Iscribe any other cas: Data ame of the injection is this a new well drift no, for what purpose as the well ever been	Perforated 22 # 7" CS 3352	Perforated 22 # 7" CSG et 3 3352 "HOLE TOC	22 # 7" CSG of 3203' w/_ 3352	Perforated 22 # 7"	Perforated Perforated Perforated Perforated Perforated	Perforated 22 7" CSG of 3203' w/ 300 sx 3352 "HOLE TOC 3674 10.5# 4-1/2" LINER @ 3700 ' w/ 100 sx TOC 3169' (Top of Liner) TD 3700' PETD 3680' 3 size 2-3/8" line with plastic berson Uni-Packer I packer at 3250' Iscribe any other casing-tubing seal). Data ame of the injection formation Seven Rivers-Queen ame of Field or Pool (if applicable Langlie Mattix

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OPERATOR		

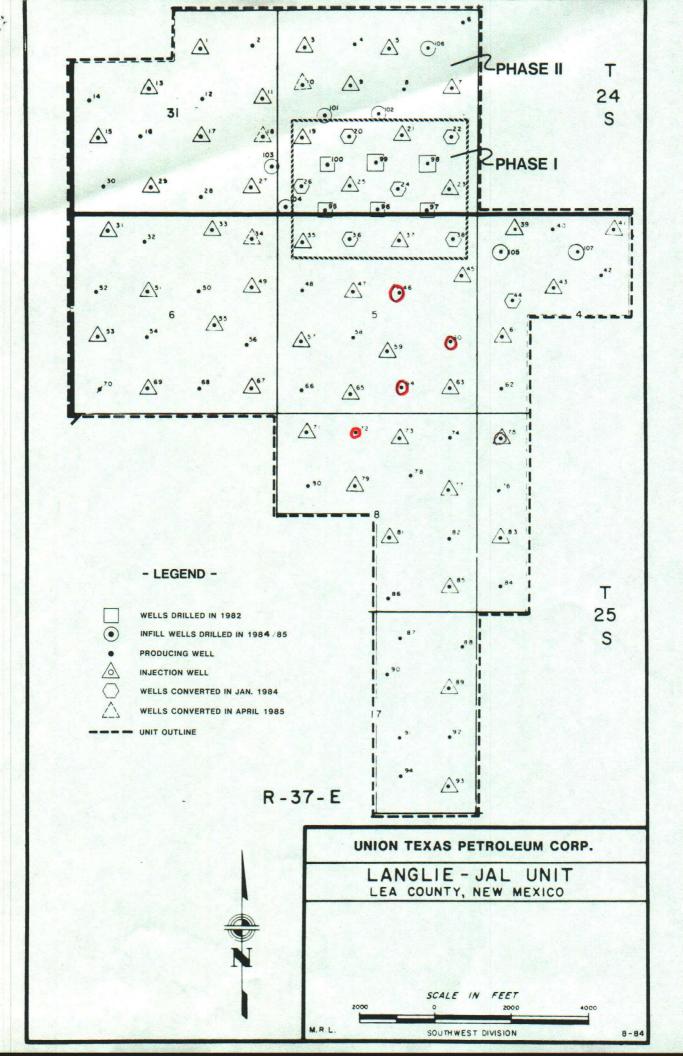
Langlie-Jal Unit Name of Operator Union Texas Petroleum Corporation Address of Operator 4000 N. Big Spring, Suite 500 Midland, TX 79705 Location of Well Unit Letter C 660 THE West Line, Section 8 Township 25-S ARMEE 37-E HAPPEN S. Farm of Lease Name Langlie - Jal Unit Langlie - Jal Unit Langlie - Jal Unit S. Farm of Lease Name Langlie - Jal Unit Langlie - Jal Unit Langlie - Jal Unit Langlie - Jal Unit S. Farm of Lease Name Langlie - Jal Unit Langlie - Jal Unit S. Farm of Lease Name Langlie - Jal Unit S. Farm of Lease Name Langlie - Jal Unit S. Farm of Lease Name S. West Langlie - Jal Unit S. Farm of Lease Name Langlie - Jal Unit S. Farm of Lease Name Langlie - Jal Unit S. Farm of Lease Name Langlie - Jal Unit S. Farm of Lease Name Langlie - Jal Unit S. Farm of Lease Name Langlie - Jal Unit S. Farm of Lease Name Langlie - Jal Unit S. Farm of Lease Name Langlie - Jal Unit S. Farm of Lease Name Langlie - Jal Unit S. Farm of Lease Name Langlie - Jal Unit S. Farm of Lease Name Langlie	SANTAPE SANTAPILE U.S.G.S.		Form C103 .
SUNDRY NOTICES AND REPORTS ON WELLS Some of the Test Control of	U.S.G.S. LAND OFFICE	A FE, NEW MEXICO 87501	
Solution of State Patential Solution Patentia	U.S.O.S. LAND OFFICE		K641264 10-1-78
SUNDRY NOTICES AND REPORTS ON WELLS SUNDRY NOTICES AND REPORTS ON WELLS Some of the Section	LAND OFFICE		So Indiana Tues of Least
SUNDRY NOTICES AND REPORTS ON WELLS SUNDRY NOTICES AND REPORTS ON WELLS """ """ """ """ """ """ """ """" ""			
SUNDRY NOTICES AND REPORTS ON WELLS **********************************	OPERATOR		State Patented XX
Name of Operator			5; State Oil 6 Gas Lease No.
Name of Operator			1
Name of Operator			mmmmmm
2. Unit Agreement Home 2. Unit Agreement Home 2. Farm or Leage Home 2.	SUNDRY NOTICES AND R	EPORTS ON WELLS	
Langlie-Jal Unit S. Fam or Leases Holms	USE "APPLICATION FOR PERMIT -" (FORM	ECPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. C-101) FOR SUCH PROPOSALS.]	
Union Texas Petroleum Corporation S. Perrol Petroleum Corporation S. Perrol Leanglie	•		7. Unit Agreement Name
Union Texas Petroleum Corporation S. Perrol Petroleum Corporation S. Perrol Leanglie	OIL X		langlio lal Unit
Union Texas Petroleum Corporation Address of Operation 4000 N. Big Spring, Suite 500 Midland, TX 79705 70. Localization of Well West			<u>-1 </u>
Address of Operation 4000 N. Big Spring, Suite 500 Midland, TX 79705 72 10. Field and Pool, or Wildow Location of Well West	•		8. Farm of Lease Name
Address of Operator 4000 N. Big Spring, Suite 500 Midland, TX 79705 72 10. Field and Pool, or Wildcat Langlie-Mattix (Queen) West	Union Texas Petroleum Corporation	•	langlie
4000 N. Big Spring, Suite 500 Midland, TX 79705 72 10. Field and Pool, or Widden and I feel and Pool, or Widden and Pool, or	. Address of Operator		
Lecation of Well West the section 8		M: 47 4 TV 70705	70
West Line, section 8 romania 25-S games 37-E warm. 15. Elevation (Show whether DF, RT, GR, sec.) 12. County 13. Discribed Proposed on Completed Operations (Show whether DF, RT, GR, sec.) 12. County 13. County 14. County 14. County 15. Elevation (Show whether DF, RT, GR, sec.) 12. County 14. County 15. Elevation (Show whether DF, RT, GR, sec.) 12. County 14. County 14. County 14. County 15. Elevation (Show whether DF, RT, GR, sec.) 14. County 15. County 16.	4000 N. Big Spring, Suite 500	Midiana, IX /9/05	
15. Elevation (Show whether DF, RT, GR, etc.) 12. County 3190' GR 13. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: 15. Elevation (Show whether DF, RT, GR, etc.) 16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: 16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data SubsEQUENT REPORT OF: 16. Check Appropriate Casine 16. Check Ap	. Location of Well		10. Field and Pool, or Wildcat
15. Elevation (Show whether DF, RT, GR, etc.) 12. County 3190' GR 13. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: 15. Elevation (Show whether DF, RT, GR, etc.) 16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: 16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data SubsEQUENT REPORT OF: 16. Check Appropriate Casine 16. Check Ap	C 660	North 2310	Langlio-Mattix (Ougon)
15. Elevation (Show whether DF, RT, GR, etc.) 12. County 3190' GR Check Appropriate Box To Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: **TELEPRANE PLUE AND ADADAGOO PLUE AND ADAGOO PLUE AND ADADAGOO PLUE	UNIT LETTER , FEET FROM TH	LINE AND PEET PROL	Trangile-Maccix (Queen)
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TENES TO ANY TOTAL TITLE WEGGINGTOLY MUNICIPALITY ONTE 3-17-83	8. I hereby certify that the information above is true and comple	ete to the best of my knowledge and belief.	
	18. I hereby certify that the information above is true and comple		0_17_ΩΕ

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.

LEASE: Langlie Jal Unit WELL NO. 72 DATE: 9/18/85 SPUDDED: 11/13/37 COMP 12/26/37 ELEV: 3190' RT LOCATION: 660' FNL & 2310' FWL Section 8, T25S-R37E Lea County, New Mexico # 8-5/8" csg. of 2767 W/900 SX. 12-1/2 " HOLE TOC Surface 2 " csg. at 325°
Toc
Lir Injection Interval Z PACKER 3200 17 #5-I/2 " csg. at 3250 w/25 sx. 3354 7-7/8 " HOLE 10.3# 3-1/2" Liner @ 3748 w/ 350 sx 4-3/4" Hole TOC @ top of liner @ 3145' 3704 TD 3748 PBTD 3715 2-3/8" line with ____plastic Tubing size Guiberson Uni-Packer I 3200 packer at (or discribe 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 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

FIELD: Langlie Mattix



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

AFFIDAVIT OF PUBLICATION

State of New Mexico,
County of Lea.
1,
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
and ending with the issue dated
September 24 85
Rober & Summer
Publisher.
Sworn and subscribed to before
me this day of
October, 1985
Vera Murphy
Notary Public.
My Commission expires
140. 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 Jai Unit #46
Langlie Jai Unit #46
660' FNL & 1980' FEL, Sec 5-T255-R37E
660' FNL & 1980' FEL, Sec 5-T255-R37E
660' FNL & 2310' FWL, Sec 8-T255-R37E
The above wells will be used to inject sait water Into the Seven Rivers and Queen formation at perforated intervals of 3352' to 3674'. Injection rate is estimated at a daily rate of 500 barrels with a max-

Rivers and Queen formation at perforated intervals of 3352' to 3674'. 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. Intersted 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

4 1985 OCT

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



STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION HOBBS DISTRICT OFFICE

November 15, 1985

TONEY ANAYA



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

	CONSERVATION DIVISION	
OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501	PAL CONSERVA	% Q
RE: Proposed: MC DHC NSL NSP SWD WFX PMX		
Gentlemen:		
I have examined the applica	tion for the:	
Union Tex. Pet. Corp. L	anglie Jal Unit #46, 60, 64	4
Operator	Lease & Well No. Unit	
and my recommendations are	as follows:	
0.KJ.S.		
Yours very truly		

/mc

Jerry Sexton

Supervisor, District 1