STATE OF NEW MEXICO



ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

January 6, 1987

GARREY CARRUTHERS

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 (505) 827-5800

Union Texas Petroleum Corporation P.U. Box 2120 Houston, Texas 77252-2120

Attention: Ralph E. Stanley Contract Analyst

Re: Administrative Order NFL-150

Dear Mr. Stanley:

Reference is made to your application for an Infill Well Finding and Well-Spacing Waiver made pursuant to Section 271.305(b) of the Federal Energy Regulatory Commission regulations, Natural Gas Policy Act of 1978, and Dil Conservation Division Order No. R-6013 for the following described well:

Langlie Jal Unit Well No. 102 located 2630 feet from the South and West lines of Section 32, Township 24 South, Range 37 East, NMPM, Langlie Mattix Pool, Lea County, New Mexico.

THE DIVISION FINDS THAT:

(1) Section 271.305(b) of the Federal Energy Regulatory Commission Interim Regulations promulgated pursuant to the Natural Gas Policy Act of 1978 provides that, in order for in infill well to qualify as a new onshore production well under Section 103 of said Act, the Division must find, prior to the commencement of drilling, that the well is necessary to effectively and efficiently drain a portion of the reservoir covered by the promation unit which cannot be so drained by any existing well within that unit, and must grant a waver of existing well-spacing requirements.

(2) By Division Order No. R-6013, dated June 7, 1979, the Division established an administrative procedure whereby the Division Director and the Division Examiners are empowered to act for the Division and find that an infill well is necessary.

(3) The well for which a finding is sought is to be completed in the Langlie Mattix Pool, and the standard spacing unit in said pool is 40 acres.

(4) A standard 40-acre oil proration unit comprising the NE/4 SW/4 (Unit K) of Section 32, Township 24 South, Range 37 East, is currently dedicated to the Langlie Jal Unit Wells Nos. 20 and 99 also located in Unit K of said Section 32.

(5) Administrative Order No. NEL-100, dated October 11, 1984, authorized an Infill Well Finding for said Langlie Jal Unit Well Wo. 99 on the aforementioned proration unit. NEL-100 should remain in full force and not be effected by the entry of this order.

(6) Give by the existing wells on the unit.

(7) The drilling and completion of the well for which a finding is sought should result in the production of an additional 154,000 MCF of gas from the proration unit which would not otherwise be recovered.

(8) All the requirements of Division Order No. R-6013 have been complied with, and the well for which a finding is sought is necessary to effectively and efficiently drain a portion of the reservoir covered by said proration unit which cannot be so drained by any existing well within the unit.

(9) In order to permit effective and efficient drainage of said proration unit, the subject application should be approved as an exception to the standard well spacing requirements for the pool.

IT IS THEREFORE ORDERED THAT:

(1) The applicant is hereby authorized to drill the Langlie Jal Unit Well No. 102 as described above, as an infill well on the existing 40-acre oil proration unit comprising the NE/4 SW/4 (Unit K) of Section 32, Township 24 South, Range 37 East, WMPM, Langlie Mattix Pool, Lea County, New Mexico. The authorization to applicable well spacing this order is an exception to applicable well spacing portion of the reservoir covered by said proration unit portion of the reservoir covered by said proration unit which cannot be effectively and efficiently drainage of a which cannot be effectively and efficiently drainage of a which cannot be effectively and efficiently drainage of a which cannot be effectively and efficiently drainage of a which cannot be effectively and efficiently drainage of a which cannot be effectively and efficiently drainage of a which cannot be a effectively and efficiently drainage of a which cannot be effectively and efficiently drainage of a which cannot be a effectively and efficiently drainage of a which cannot be a effectively and efficiently drainage of a which cannot be effectively and efficiently drainage of a which cannot be a effectively and efficient and the drainage of a and a set and the drainage of a set a set and the drainage of a set a set and the drainage of a set and the drainage of a set and the drainage of a set a

(2) Division Administrative Order No. WEL-100, dated October 11, 1984, shall remain in full force and effect until further notice. d (3) Jurizdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

Sincerely, F. Sigur

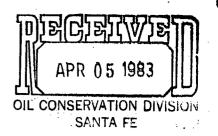
Michael E. Stogner, Examiner

xc: N.M.D.C.D.- Hobbs NFL-100 File

- . · 1 .



Cone RiverwayCone RiverwayP. O. Box 2120Houston, Texas77252(713) 960-7500



NFL-100

March 25, 1983

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

Attention: Mr. Michael E. Stogner

Reference: Langlie-Jal 99 Lea County, New Mexico

Gentlemen:

Please find enclosed a copy of the permit to drill and a well plat for the subject well.

I hope that this well enable you to place our application in line for proper hearing procedures.

Yours truly,

UNION TEXAS PETROLEUM CORPORATION

Maria L. Estruch

Natural Gas Operations

MLE:bm

Encl.



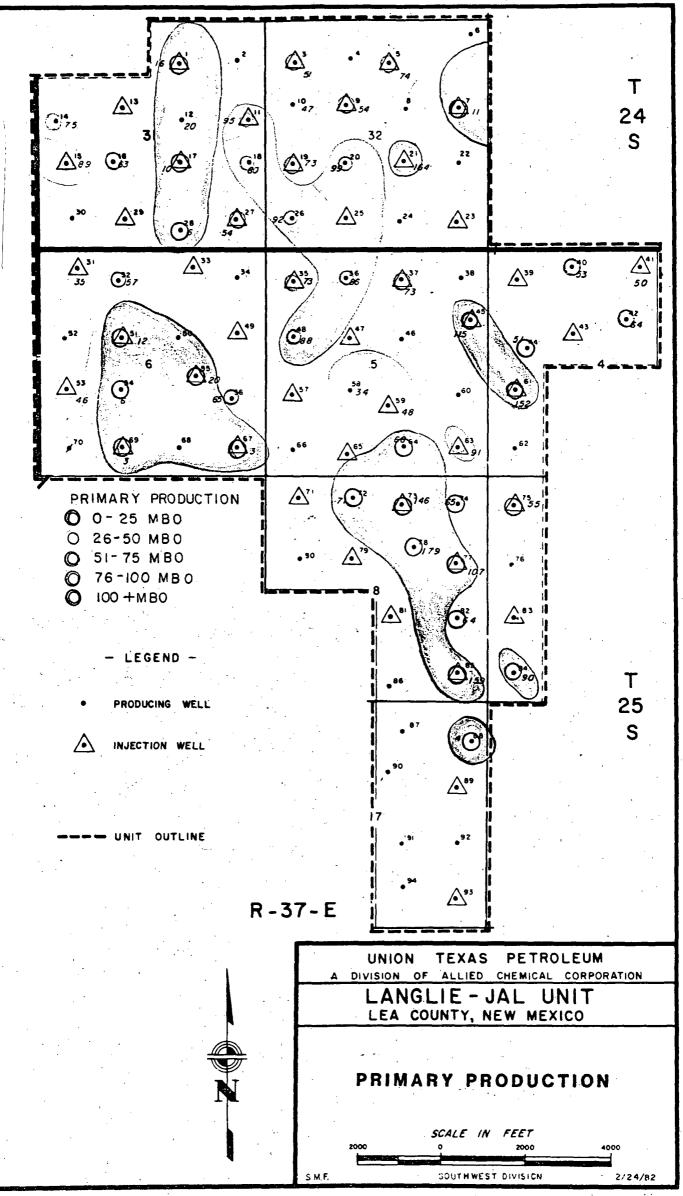
L .

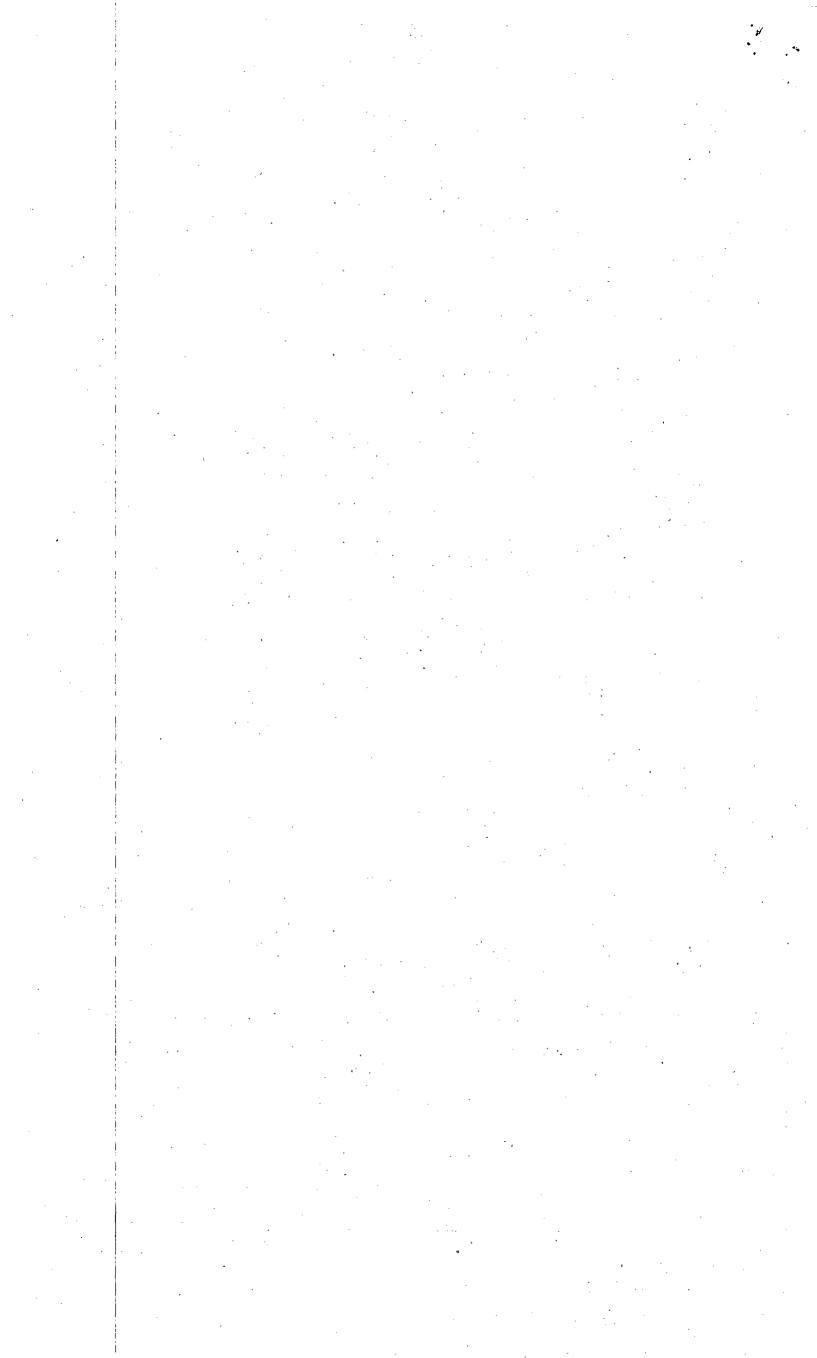
.

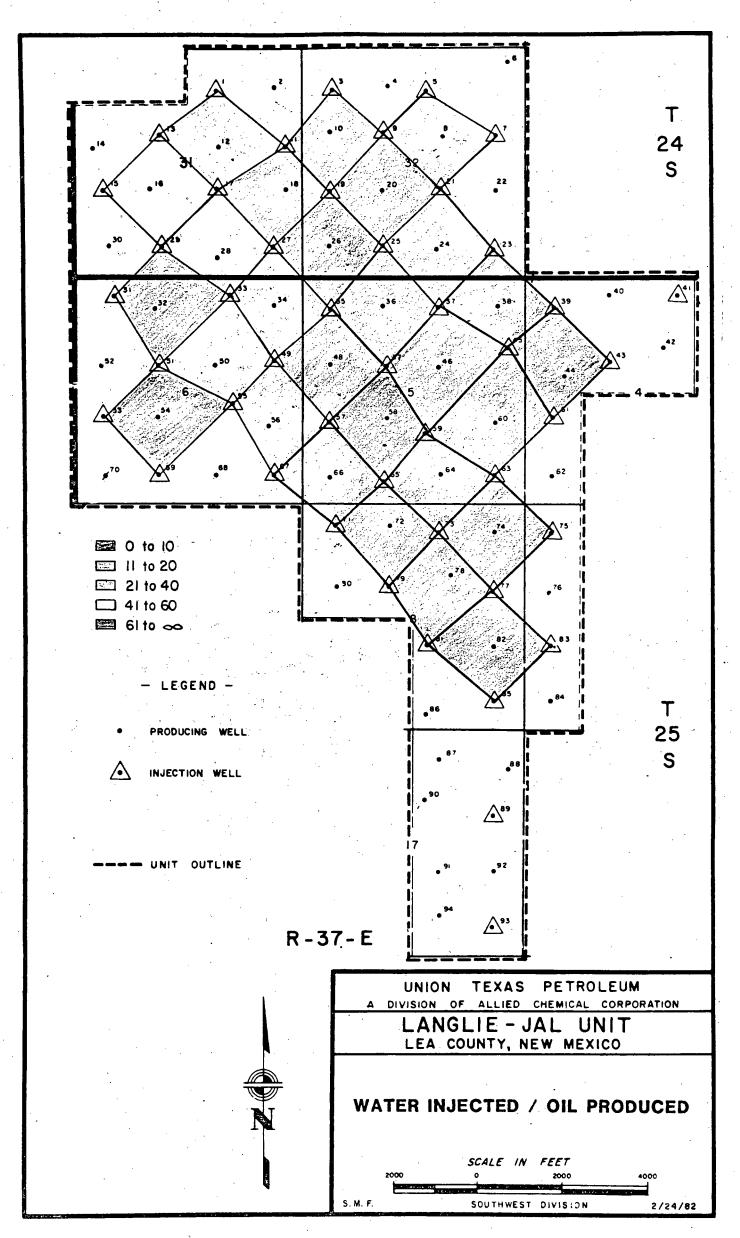
. (

· · · ·

		WELL LOCAT	ION AND ACRE	VATION COMMISS	Effective 1-1-65
Operator			Lease		Well No.
Union I	exas Petro	leum Corp.		Langlie-Jal U	nit station 99
Unit Letter	Section	Township	Range		
K Actual Faotage Loa	32	24-S	3	<u>7-E Lea</u>	a
1424		South	line and 2450	feet from the	West line
Ground Level Elev:			Pocl	-	Dedicated Acreage:
3238.3		:		·	Астев
1. Outline th	e acreage dedic	ated to the sub	ject well by col	ored pencil or hachure	e marks on the plat below.
interest an 3. If more the dated by c Yes If answer this form i	nd royalty). an one lease of c communitization, No If a is "no;" list the if necessary.)	different owners unitization, foro answer is "yes; owners and tra	whip is dedicated ce-pooling.etc? ' type of consolid act descriptions v	to the well, have the dation which have actually be	ownership thereof (both as to working interests of all owners been consoli- een consolidated. (Use reverse side of
					ted (by communitization, unitization, ts, has been approved by the Commis-
	· · · ·				CERTIFICATION
					I hereby certify that the information con- tained herein is true ond complete to the best of my knowledge and belief.
					Nome
	• • • •		· · · · ·		Position
					Company
	1		· · · · · ·		Date
			·		
	 2450' 	99 			I hereby certify that the well location shown on this plat was platted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.
	I j	.	· · ·		
	 	- 1424			Date Surveyed <u>May 22, 1982</u> Registered Professional Engineer and/or Land Surveyor
				 	Mule E. Lineus Certificate No.
1 330 660	90 1320 1650 11	80 2310 2640	2000 1500	1000 500 0	2189





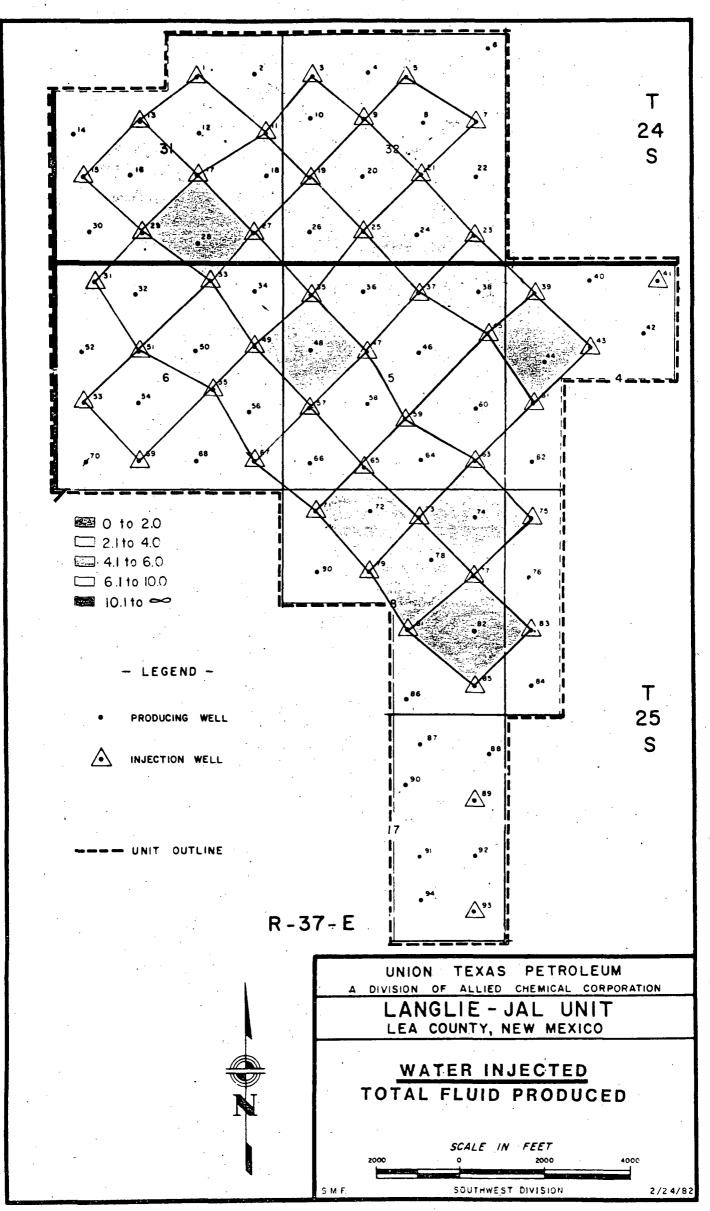


34 179 6 2 1 180 229/1.056 100 5 <u>B6</u> 298:562 <u>17611,126</u> 480 5 54 87 88 <u>1220|1,013</u> 410 Т 30811.242 510 31 4401,190 600 32 1321529 12 3 |44 29|64 9 136 1041170 24 14 10 25 S 22011.075 750 **O**° 7145 7145 Δ 440|1,1 4 20 27 308|1,19 10 50 28/98 28/98 43/65 4861830 5 50 23 88 146 F <u>...</u> 4841829 2/770 37/16.0 200 **1** (-3) -74 |81 35 370649 830 49 5691750 810 176160 20186 33161 <u>21|155</u> 178|297 1767790 830 194 1979 8 30 241133 691143 17/24 59 983 38/426 820 **6** 43 175 \land 229|7 247 927 윙 701490 800 141106 00 317|1.353 830 100 to ∞ MBO \triangle 71 to 100 MBO 701.069 0 41 to 70 MBO <u>^</u>" \triangle 0 21 to 40 MB0 1 30 8 8 461 800 1170 \bigcirc O to 20MBO **^**' • 3961132 - LEĜEND -Т 25 PRODUCING WELL S ⚠ INJECTION WELL $\underbrace{)_{5|2}^{\circ}}_{33|68}$ 23/9: 750 UNIT OUTLINE O 23 53 103 95 DAILY OIL CUM. OIL (M/BBLS) DAILY WTR CUM. WTR (M/BBLS) DAILY INJ. CUM INJ. (M/BBLS) RESSURE PSI R-37-E UNION TEXAS PETROLEUM DIVISION OF ALLIED CHEMICAL CORPORATION LANGLIE - JAL UNIT LEA COUNTY, NEW MEXICO SECONDARY RECOVERY Well Test Data Month: July 81 SCALE IN FEET 2000 SOUTHWEST DIVISION

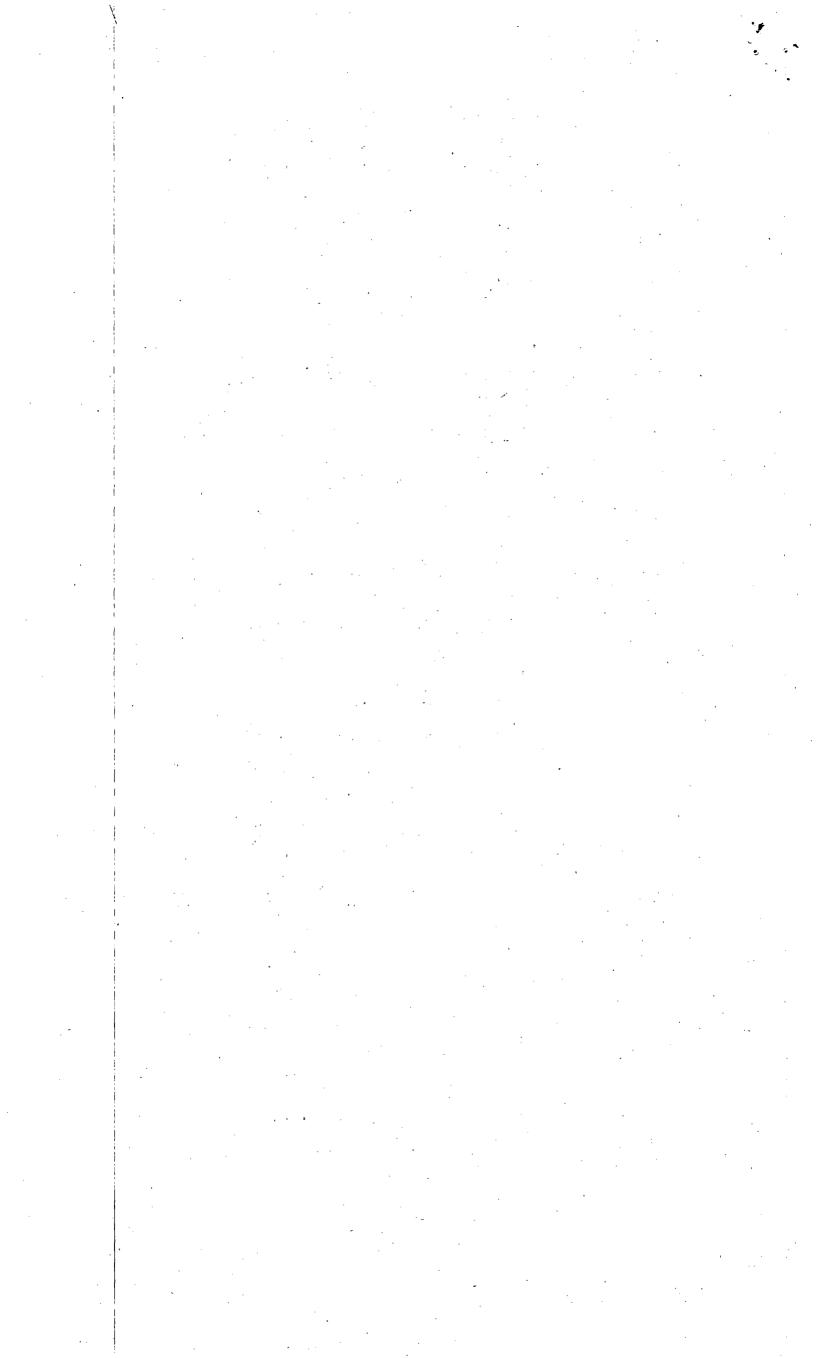
• .

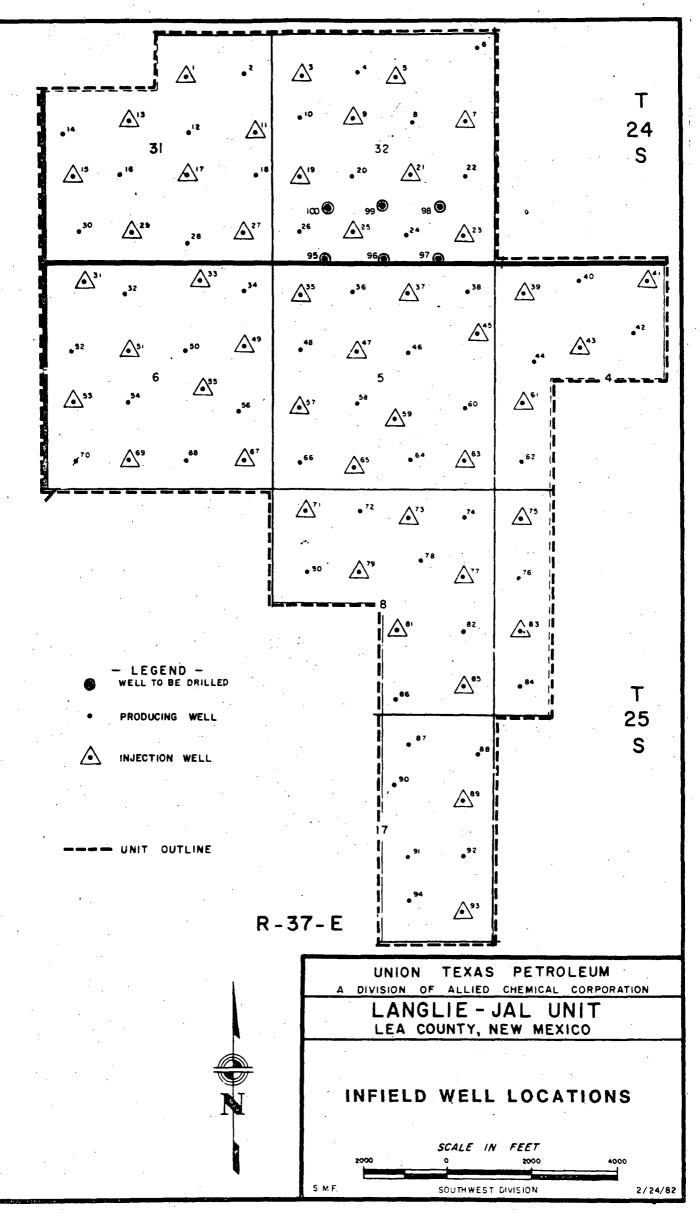
•

. 1. •



ATTACHMENT 4







STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

BRUCE KING

July 21, 1982

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 (505) 827-2434

Union Texas Petroleum 1300 Wilco Building Midland, Texas 79701

Attention: Richard Atchley

Correction Administrative Order NSL-1545

Gentlemen:

Reference is made to your application for the amendment of three non-standard locations and the addition of three non-standard locations in Lea County, New Mexico, as follows:

Well No. 95-M located 140' FSL & 1250' FWL; Well No. 96-N located 140' FSL & 2600' FWL; Well No. 97-P located 140' FSL & 1200' FEL; Well No. 98-I located 1422' FSL & 1200' FEL; Well No. 99-K located 1424' FSL & 2650' FWL; and Well No. 100-L located 1426' FSL & 1300' FWL,

all in Section 32, Township 24 South, Range 37 East, Langlie-Jal Unit.

By authority granted me under the provisions of Rule 104 F of the Division Rules and Regulations, the above-described unorthodox location is hereby approved.

Syincerely, JÕE D. **XAMEY** Director

7

JDR/RLS/dr

cc: Oil Conservation Division - Hobbs
Oil & Gas Engineering Committee - Hobbs



. .

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

1. TA

ADMINISTRATIVE ORDER

NFL 100

INFILL DRILLING FINDINGS PURSUANT TO SECTION 271.305(b) OF THE FEDERAL ENERGY REGULATORY COMMISSION REGULATIONS, NATURAL GAS POLICY ACT OF 1978 AND OIL CONSERVATION DIVISION ORDER NO. R-6013-A

NOTATION NOTATION

P. O. Box 2088 SANTA FE, NEW MEXICO

87501

AND OIL CONSERVATION DIVISION ORDER NO. R-6013-A
Operator Union Texas Petr. Corp. Well Name and No. Langlie-Jal Unit Well #99
Location: Unit K Sec. 32 Twp. 245 Rng. 37E Cty. Lea
The second se
THE DIVISION FINDS.
(1) That Section 271.305(b) of the Federal Energy Regulatory Commission Regulations promulgated pursuant to the Natural Gas Policy Act of 1978 provides that, in order for an infill well to gualify is a new onshore production well under Section 103 of said Act, the Division must find that the infill well is necessary to effectively and efficiently drain a portion of the reservoir covered by the proration unit which cannot be so drained by any existing well within that unit.
izy frac by Order No. R-6013-A, dated February 8, 1980, the Division established an administrative procedure whereby the Division Director and the Division Examiners are empowered to act for the Division and find that an infill well is necessary.
(3) That the well for which a finding is sought is completed in the Langlie-Mattix
POOL, and the standard spacing unit in said pool is
(4) That a <u>40</u> -acre proration unit comprising the <u>NE/4</u> SW/4
Sec. 32 Twp. 24S Rng. 37 E is currently dedicated to the Langlie-Jal Unit Well #20 located in Unit K of said section.
(5) That this provides under the first K of said section.
(5) That this proration unit is (X) standard () nonstandard; if nonstandard, said unit was previously approved by Order No. NA
(6) That said proration unit is not being effectively and efficiently drained by the existing vell(s) on the unit.
(7) That the drilling and completion of the well for which a finding is sought should result in
the production of an additional MCF of gas from the proration unit which would not
(8) That all the requirements of Order No. R-6013-A have been complied with, and that the well or which a finding is sought is necessary to effectively and efficiently drain a portion of the eservoir covered by said proration unit which cannot be so drained by any existing well within the mit.
9) That in order to permit effective and efficient drainage of said proration unit, the subject pplication should be approved.
T IS THEREFORE ORDERED:
1) That the applicant is hereby authorized to drill the well described in Section I above as an nfill well on the existing proration unit described in Section II(4) above. The authorization or infill drilling granted by this order is necessary to permit the drainage of a portion of the eservoir covered by said proration unit which cannot be effectively and efficiently drained by my existing well thereon.
2) That jurisdiction of this cause is retained for the entry of such further orders as the . Ivision may decumencessary.
ONE at Santa Fe, New Mexico, on this 11 day of October , 19 84
Miller Stegner

DIVISION DIRECTOR

LXAMINER

OCD HOBBS Well File SF

Received 2/13/84 OIL CONSERVATION DIVISION P. O. Box 2088 STATE OF NEW MEXICO SANTA FE, NEW MEXICO ADMINISTRATIVE ORDER ENERGY AND MINERALS DEPARTMENT 87501 NFL INFILL DRILLING FINDINGS AND WELL-SPACING WAIVER MADE PURSUANT TO SECTION 271.305(b) OF THE FEDERAL ENERGY REGULATORY COMMISSION REGULATIONS, NATURAL GAS POLICY ACT OF 1978 AND OIL CONSERVATION DIVISION ORDER NO. R-6013 I. Operator Union Texas Petrolum Conforation Well Name and No. hanglie - Jal Unit Well No. 99 Location: Unit K Sec. 32 Twp. 24 South Rng. 37 East Cty. Leg II. THE DIVISION FINDS: (1) That Section 271.305(b) of the Federal Energy Regulatory Commission Interim Regulations promulgated pursuant to the Natural Gas Policy Act of 1978 provides that, in order for an infill well to qualify as a new onshore production well under Section 103 of said Act, the Division must find, prior to the commencement of drilling, that the well is necessary to effectively and efficiently drain a portion of the reservoir covered by the proration unit which cannot be so drained by any existing well within that unit, and must grant a waiver of existing well-spacing requirements. That by Order No. R-6013, dated June 7, 1979, the Division established an administrative procedure whereby the Division Director and the Division Examiners are empowered to act for the Division and find that an infill well is necessary. That the well for which a finding is sought is to be completed in the handle-Mattic Pool, and the standard spacing unit in said pool is <u>40</u> acres. 40 -acre proration unit comprising the NE/4 SW/4That a (4) of Sec. 32 , Twp. 24 South, Rng. 37 East, is currently dedicated to the hangling Jal Unit Well No. 20 _____ located in Unit \underline{K} of said section. (5) That this proration unit is (\checkmark) standard () nonstandard; if nonstandard, said unit was previously approved by Order No. NA (6) That said proration unit is not being effectively and efficiently drained by the existing well(s) on the unit.

(7) That the drilling and completion of the well for which a finding is sought should result in the production of an additional 35.000 MCF of gas from the proration unit which would not otherwise be recovered.

(8) That all the requirements of Order No. R-6013 have been complied with, and that the well for which a finding is sought is necessary to effectively and efficiently drain a portion of the reservoir covered by said proration unit which cannot be so drained by any existing well within the unit.

(9) That in order to permit effective and efficient drainage of said proration unit, the subject application should be approved as an exception to the standard well spacing requirements for the poo1.

IT IS THEREFORE ORDERED:

(1) That the applicant is hereby authorized to drill the well described in Section I above as an infill well on the existing proration unit described in Section II(4) above. The authorization for infill drilling granted by this order is an exception to applicable well spacing requirements and is necessary to permit the drainage of a portion of the reservoir covered by said proration unit which cannot be effectively and efficiently drained by any existing well thereon.

(2) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on this ______ day of ______ __, 19__

DIVISION DIRECTOR EXAMINER

Langlie Jal 99

Pool: Dedicated Acreage: Location:

> Spud Date: Completion Date:

Langlie Mattix (Queen) 40 20 Acres Section 32-K, TWP. 24-S, Range 37-E 1424' FSL and 2450' FWL 7/18/82 8/6/82

PBQ:0084:-2-

STATE OF NEW MEXICU



KING

ENERG AND MINERALS DEPATMENT **OIL CONSERVATION DIVISION**

Union Texas Petroleum Corp. P.O. Box 2120 Houston, Texas 77001

Attention: Steven Alton

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING NTA FE NEW MEXICO 87501 (505) 827-2434

Well head price ceiling Re: determination, NGPA of 1978

Gentlemen:

The New Mexico Oil Conservation Division has received your application for a wellhead price ceiling category determination under the sections(s) of the Natural Gas Policy Act of 1978 indicated below if your application is incomplete, forms are attached hereto, indicating the documents and further information which must be filed before your application can be considered. If your application is complete, it will be acted upon administratively unless written objection is received within 15 days of its filing.

WELL NAME AND LOCATION Langlie-Jal #99-K 32-24S-37E

SECTION(S) APPLIED FOR 103

January 19, 1983

DATE APPLICATION RECEIVED Please submit a L-IUI. On L-102 Tweate, identisy and give a brief history on the other APPLICATION INCOMPLETE within the provation unit. Please obtain an infill well finding pursuant to R-6013 - A.

Sincerely,

6 January 24, 1983

Muluel & Stormer

M. Stogner

NOTE:

THIS FORM LETTER MUST ACCOMPANY TWO COPIES OF THE SUPPLEMENTARY INFORMATION.

4/11/83 Please obtain an infill well finding parsuant to NMOLD Order No. A-6013 - A (attached 1

EXHIBIT B

EFFECTIVE AND EFFICIENT DRAINAGE FINDING

1. SUBMIT A DETAILED DESCRIPTION OF THE CIRCUMSTANCES NECESSI-TATING DRILLING OF ADDITIONAL WELL(S) ON THE PRORATION UNIT FOR EACH WELL. (I.E., MECHANICAL DIFFICULTY, RESERVOIR CHARACTERISTICS).

2. PROVE THE PRORATION UNIT TO BE REASONABLY PRODUCTIVE (I.E., STRUCTURE MAP ILLUSTRATING GAS-WATER CONTACTS AND RESERVOIR LIMITS OR OFFSET PRODUCTION IN THE SAME RESERVOIR).

3. CALCULATE THE ORIGINAL RECOVERABLE GAS IN PLACE OF PRORATION UNIT (I.E., VOLUMETRIC CALCULATION USING RECOVERY FACTOR OR OTHER ACCEPTED ENGINEERING CALCULATIONS SUCH AS P/Z PLOT VS. CUMULATIVE PRODUCTION OF PRORATION UNIT). <u>SHOW WORK</u>.

4. PROVIDE CUMULATIVE PRODUCTION TO DATE OR ORIGINAL WELL ON PRORATION UNIT.

5. SUBMIT AN ESTIMATION OF FUTURE RECOVERY FROM ORIGINAL WELL F THE ORIGINAL WELL IS STILL PRODUCTIVE. <u>SHOW WORK</u>

6. ESTIMATE THE REMAINING RECOVERABLE RESERVES THAT THE ORIGINAL WELL ON THE PRORATION UNIT IS NOT CAPABLE OF RECOVERING. <u>SHOW WORK</u>.

7. ESTIMATE THE RECOVERY OF EACH ADDITIONAL WELL.

LANGLIE JAL UNIT WELL NO. 99

1. A recent reservior study indicated that porosity stringers in the Seven Rivers-Queen formations (the unitized interval) of the Langlie Jal Unit varied in quantity and quality from well to well. In order to decrease the discontinuity it was proposed that an infill well pilot project be undertaken. Infill drilling to decrease discontinuity thereby increasing flood efficiency has been successful in other areas and is expected to be so at the Langlie Jal Unit.

2. The infill drilling of Langlie Jal Unit Well No. 99 will be part of a project to increase well density from 40 acres per well and 80 acre 5-spot patterns to 20 acres per well and 80 acre 9-spot patterns with an option to go to 40 acre 5-spot patterns.

3. Based on an intial production of 10 BOPD, a GOR of 1900 and a unit production decline of 20%, reserves for this well are estimated at 18,250 BO and 35 MMCF gas.

4. The cumulative production from the Langlie Jal Unit Well No. 21 is 164 MBO (gas production not available). This well shares the standard 40 acre proration unit with Well No. 99.

5. There is no future production from Langlie Jal Unit Well No. 21. This well was converted to injection service on 5/23/72 to complete the 80 acre 5-spot patterns following unitization.

6. The estimate of remaining recoverable reserves, that the original well could not recover is 18,250 STBO and 35 MMCF gas.

7. The estimated recovery of the Langlie Jal Unit No. 99 is 27,400 STBO and 35 MMCF gas.

1/31/84 SMF/sf

Union Texas Petroleum

One Riverway P. O. Box 2120 Houston, Texas 77252 (713) 960-7500

February 8, 1984

FFR 15 1984 OL CONSERVATION DIVISION SANTA FE

Alternative States

is in the second

New Mexico Dept. of Energy & Minerals Oil Conservation Division P. O. Box 2088 Sante Fe, New Mexico 87501

Attn: Mr. Mike Stogner

RE: Langlie Jal 99

Dear Mike:

In order to comply with NMOCD Order No. R-6013-A, the responses have been broken into two parts:

PART 1 - Answered by this office PART 2 - Answered by the district engineer.

The part answered by the district was based on the infill well format posed by the Texas Railroad Commission. This was done in order to provide more specific detail in our response.

I hope this will enable you to complete the filing process; however, if additional information is needed, please call me at (713) 960-7805.

Yours truly,

Kalph Stanley

Ralph Stanley Natural Gas Operations

RES/kg

PBQ:0084:-1-

An **ALLIED** Company

1.11.2011

,

1

「「「「「「」」」を表示していた。

Apple of the State

The parts departed by the contract and they for a second of the second of the character of the character and the two threads the second dimensional theory of the contract of the contract of the character of the contract south the second of the mean reductions.

(a) A start of the end of the

anti-cut entrat a the constants PERIOD AND DECEMBER

.

a far the first starts

111-15

.

· · · ·

AMENDED TO CORRECT LOCATION

· · ·

•

UD. OF COPIES RECEIVED DISTRIBUTION SANTA FE FILE U.S.G.S. LAND OFFICE OPERATOR APPLICATION FOI A. Type of Work DRILL DRILL DRILL DRILL DRILL Address of Operator Union Texas Petroleu Address of Operator 1300 Wilco Bldg., Mi Location of Well UNIT LETTER	R PERMIT TO I	DEEPEN	OIL CONSERVATION OR PLUG BACK	ACK	e Type of Lease
DISTRIBUTION SANTA FE FILE U.S.G.S. LAND OFFICE OPERATOR APPLICATION FOI a. Type of Work DRILL A DRILL A WELL BAS WELL B	R PERMIT TO I	DRILL, DEEPEN, (DEEPEN []	OIL CONSERVATION OR PLUG BACK	ACK	-65 • Type of Lease X FEE
APPLICATION FOI APPLICATION FOI APPLICATION FOI ATYPE OF Work DRILL A DRILL A	R PERMIT TO I	DRILL, DEEPEN, (DEEPEN []	OIL CONSERVATION OR PLUG BACK	A DIVISION 7. Unit Agen Lang	e Type of Lease It of the set in th
FILE U.S.G.S. LAND OF FICE DPERATOR APPLICATION FOI A. Type of Well OIL A Nume of Operator Union Texas Petroleu Address of Operator 1300 Wilco Bldg., Mi Location of Well UNIT LETTER	R PERMIT TO I	DRILL, DEEPEN, (DEEPEN []	OIL CONSERVATION OR PLUG BACK	A DIVISION 7. Unit Agen Lang	e Type of Lease It of the set in th
APPLICATION FOI APPLICATION FOI A. Type of Work DRILL A DRILL A OFFICE DPERATOR DRILL A DRILL A OFFICE DRILL A DRILL A OFFICE DRILL A DRILL A OFFICE DPERATOR DRILL A DRILL A OFFICE DPERATOR DRILL A OFFICE DPERATOR DRILL A OFFICE DPERATOR DRILL A OFFICE DPERATOR DRILL A OFFICE DRILL A OFFICE DRI	• MER Im Corporatio	DEEPEN	OIL CONSERVATION	A STATE 5. Stone OII DIVISION 7. Unut Agen Langi	C Cos Lease No.
APPLICATION FOI APPLICATION FOI A. Type of Work DRILL A DRILL A OFFICE DRILL A OFFIC	• MER Im Corporatio	DEEPEN	OIL CONSERVATION	DIVISION 7. Unit Agri Lang	6 Ges Lease No.
APPLICATION FOI APPLICATION FOI A. Type of Work DRILL A DRILL A OTHER OF WELL A Name of Operator Union Texas Petroleu Address of Operator 1300 Wilco Bldg., Mi Location of Well WHIT LETTER	• MER Im Corporatio	DEEPEN	OIL CONSERVATION	DIVISION 7. Unit Agen Langi	Germani l'étate
APPLICATION FOI a. Type of Work DRILL D DRILL	• MER Im Corporatio	DEEPEN	OR PLUG BACK	7. Unii Agn Lang	
DRILL A DRILL A DRI	• MER Im Corporatio	DEEPEN	OR PLUG BACK	7. Unii Agn Lang	
DRILL A DRILL A DRI	• MER Im Corporatio	DEEPEN	PLUG B		
DRILL A DRILL A DRI	o:HER Im Corporatio				
Address of Operator 1300 Wilco Bldg., Mi Location of Well Unir LETTER	o:HER Im Corporatio				TE-UAL UNIL
Name of Operator Union Texas Petroleu Address of Operator 1300 Wilco Bldg., Mi Location of Well WHIT LETTER K	m Corporatio			— I B. Farm or i	Lease Name
Name of Operator Union Texas Petroleu Address of Operator 1300 Wilco Bldg., Mi Location of Well UNIT LETTER K	m Corporatio		SINGLE NULT		· · · · · · · · · · · · · · · · · · ·
Address of Operator 1300 Wilco Bldg., Mi Location of Well WHIT LETTER K				s. Well No. 99	
1300 Wilco Bldg., Mi		on		99	
Location of Well WHIT LETTER	dland, lexa	s 79701		10. Field on	Jie Mattix (Quee
UNIT LETTER		1424	South		mmmm
2450	LOCA			LINE //////	
D PEET PROM THE	West	<u>BF BFC.</u> 32	24-S 37-	E	
				12. County Lea	
	<u>111111111</u> 1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		The real	
		<i>4111111111111111111111111111111111111</i>	0. Physicial Leyth 10	A. Formution	2ú, jiotery er C.T.
				ven Rivers Quee	n Rotary
. Lievations (Show whether DF, RT, etc	r.) 21A. Kind 6	Status Plug. Nond 21	18. Drilling Contractor	22. Appro	z. Date Work will start -
3238.3 GR	Bla	nket			-
•	PR	OPOSED CASING AND	CEMENT PROGRAM		· · · · · ·
SIZE OF HOLE SIZE		WEIGHT PER FOOT			EST. TOP
	-578"	24#	800	600	Surface
	j-1/2"	14#	3700	700	Circulate
		· · · · · · · · · · · · · · · · · · ·			· ·
I	1	•	1		1
Propose to dril Blow-out preven			e Seven Rivers-Q	ueen Formation	· .
		• .			
			•		
This C-101 submitted to	annet le	. from 26	50 EUI +0 2450 E	7.11	
1112 C-IOI SUDULITER TO	CUITELL IU		JU INL LU 2430 P	••••• •••••••••••••••••••••••••••••••	
				•	
•					
• • •	·				
	· ·				
ABOVE SMACE DESCRIBE PROPOSE	D PROGRAMI IF PI	10706AL 18 10 DFEPSH #	R PLUS BACK, GIVE BATA ON	PRESENT PRODUCTIVE CON	C AND PROPOSED NEW PRODUC
A BOVE SMACE DESCRIBE PROPOSE E DONE. GIVE ALOWBUT PREVENTER PAGE	D PROGRAMI IF PI	1070646 18 10 DEEPEN 61	R PLUS DACH, SIVE BATA Sk	PRESENT PRODUCTIVE EQU	E AND PROPOSED NEW PRODUC
ABOVE SMACE DESCRIBE PROPOSE E ZONE. GIVE SLOWOUT PREVENTER PROP proby certify they the information above	D PROQUANI IF PI NAM, IF ANY, e is true and compi	REPOSAL IS TO DECENH ON ote to the heat of my kn		PRESSUT PRODUCTIVE EDW	E AND PROPOSED NEW PRODUC
ABOVE SMACE DESCRIBE PROPOSE E BONE. GIVE ALOWOUT PREVENTER PROP proby certify the the information above ned Lichard Hot	D PROGRAMI IF PI IRAM, IP ANY. e is true and compl Ly		n PLUS BACK, SIVE BATA SH nowledge and hollof. In Services Supr.	PRESENT PRODUCTIVE EDW	E AND PROPOSED NEW PRODUC 19-83
nos fielded Aft	they			PRESENT PRODUCTIVE EDWI	E AND PROPOSED NEW PRODUC
ABOVE SMACE DESCRIBE PROPOSE E SONE. GIVE SLOWOUT PREVENTER PROP proby certify the the information above ned ned [This spure for Sidle U	they			PRESENT PRODUCTIVE EDW	E AND PROPOSED NEW PRODUC 19-83
nos fielded Aft	they			PRESENT PRODUCTIVE ED4	E AND PROPOSED NEW PRODUC 19-83

NF MEXICO OIL CONSERVATION COMMISS WELL ' OCATION AND ACREAGE DEDICATION PLAT

Form C-102 Supersedes C-128 Effective 1-1-65

1

roter			t be from the outer boy	moaries of the	SECUON.	Well No.
Union Ter	kas Petrol	eum Corn.		nglie-Ja	1 11-1+	and the second
	ection	Township	Range		ounty	99
К	32	24-S	37-1	_	Lea	
ual Footage Locatio						·····
1424	leet from the S	South line	and 2450	feet fro	om the West	line
and Level Elev:	Producing For		Pocl			Dedicated Acreage:
3238.3						Act
	acrea de dedica	ted to the subject	t well by colored	pencil or h	achure marke a	
interest and 3. If more than	royalty). one lease of d	•	is dedicated to t	•		ip thereof (both as to worki s of all owners been conso
If answer is this form if n No allowable	"no," list the eccessary.) will be assign	ed to the well unt	descriptions which	h have actur ve been con	solidated (by	olidated. (Use reverse side communitization, unitizatio seen approved by the Commi
sion.			RERIWI	2.11		CERTIFICATION
	i		<u>ellentert kre</u>			
			FEB 13 1984		Iher	eby certify that the information co
	1		FED TO 1904	JILI	· · · · ·	d herein is true and complete to t
•	1		ONSERVATION DI	MSI		of my knowledge and belief.
	1		SANTA RE	1 41 0307		-
	i i					······································
	1					
			•		·	· · · · · · · · · · · · · · · · · · ·
			l		Ровии	n
			1			
	- + 		1		Positio	
					Compa	
					Compa	
			 		Compa	
			 		Compa	ny
			 		Date i he	ny mby certify that the well locati
			 		Compa Date I he show	ny mby certify that the well locati m on this plat was platted from fid
			 		Compa Date I he show note:	ny mby certify that the well locati in an this plat was platted from file s of actual surveys made by me
					Date i he show note unde	my mby certify that the well locati in an this plat was plotted from fic s of actual surveys made by me ir my supervision, and that the sa
 		99			Date Date i he show note unde is t	my mby certify that the well locati in an this plat was plotted from fic is of actual surveys made by me ir my supervision, and that the sa rue and correct to the best of i
	 			· · · · · · · · · · · · · · · · · · ·	Date Date i he show note unde is t	my mby certify that the well locati in an this plat was plotted from fic s of actual surveys made by me ir my supervision, and that the sa
		99 			Date Date i he show note unde is t	my rmby certify that the well locati rn on this plat was plotted from fic s of actual surveys made by me r my supervision, and that the sat rue and correct to the best of t
	- +				Date Date i he show note unde is t	my rmby certify that the well locati rn on this plat was plotted from fic s of actual surveys made by me r my supervision, and that the sat rue and correct to the best of t
					Compa Date I he show note unde is t know	my rmby certify that the well locati rn on this plat was plotted from fic s of actual surveys made by me r my supervision, and that the sat rue and correct to the best of t
	- + 				Compa Date I he show note unde is t know Date S	my rmby certify that the well location on on this plat was platted from find s of actual surveys made by me or my supervision, and that the sam rue and correct to the best of o rledge and belief.
					Compa Date I he show note unde is t know Date S	my imby certify that the well location on an this plat was platted from file is of actual surveys made by me or my supervision, and that the solit rue and correct to the best of of reledge and belief.
	- + 				Compa Date I he show note unde is t know Date S M Regist	my imby certify that the well location on an this plat was platted from file s of actual surveys made by me r my supervision, and that the sol rue and correct to the best of r reledge and belief. urveyed g. 4. 22. 1982
					Compa Date I he show note unde is t know Date S M Regist and/or	my mby certify that the well location on an this plat was platted from file s of actual surveys made by me r my supervision, and that the source rue and correct to the best of r vledge and belief. urveyed <u>6 4 22 1982</u> ered Professional Engineer Land Surveyor
					Compa Date I he show note unde is t know Date S M Regist and/or N	my mby certify that the well location on this plat was platted from file s of actual surveys made by me r my supervision, and that the sa rue and correct to the best of the ready and belief. urveyed <u>G 4 22, 1982</u> ard Professional Engineer

*** ÷ ., •

·

Union Texas Petroleum

One Riverway P. O. Box 2120 Houston, Texas 77252 (713) 960-7500

~February 8, 1984

FEB 13 1984 OIL CONSERVATION DIVISION SANTA FE

34

New Mexico Dept. of Energy & Minerals Oil Conservation Division P. O. Box 2088 Sante Fe, New Mexico 87501

Attn: Mr. Mike Stogner

RE: Langlie Jal 99

Dear Mike:

In order to comply with NMOCD Order No. R-6013-A, the responses have been broken into two parts:

PART 1 - Answered by this office PART 2 - Answered by the district engineer.

The part answered by the district was based on the infill well format posed by the Texas Railroad Commission. This was done in order to provide more specific detail in our response.

I hope this will enable you to complete the filing process; however, if additional information is needed, please call me at (713) 960-7805.

Yours truly,

Kalph Stanley

Ralph Stanley Natural Gas Operations

RES/kg

PBQ:0084:-1-



Pool: Dedicated Acreage: Location:

> Spud Date: Completion Date:

Langlie Mattix (Queen) 20 Acres Section 32-K, TWP. 24-S, Range 37-E 1424' FSL and 2450' FWL 7/18/82 8/6/82

PBQ:0084:-2-

21 7



KING

Union Texas Petroleum Corp. P.O. Box 2120 Houston, Texas 77001

Attention: Steven Alton

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 (305) 827-34

Re: Well head price ceiling determination, NGPA of 1978

Gentlemen:

The New Mexico Oil Conservation Division has received your application for a wellhead price ceiling category determination under the sections(s) of the Natural Gas Policy Act of 1978 indicated below if your application is incomplete, forms are attached hereto, indicating the documents and further information which must be filed before your application can be considered. If your application is complete, it will be acted upon administratively unless written objection is received within 15 days of its filing.

WELL NAME AND LOCATION Langlie-Jal #99-K 32-24S-37E

SECTION(S) APPLIED FOR 103

DATE APPLICATION RECEIVED January 19, 1983 Please submit a L-101. On L-102 Titals, identify and give a brief history on the other APPLICATION INCOMPLETE within the provotion unit. Please obtem an infill well finding presumpt to R-6013-A.

Sincerely,

January 24, 1983 DATE:

Muhael & Stogner

NOTE:

THIS FORM LETTER MUST ACCOMPANY TWO COPIES OF THE SUPPLEMENTARY INFORMATION.

4/11/83 Please obtain an infill well finding farmant to NNOCD Order No. A-6013 - A (attached)

M. Somer

EXHIBIT B

EFFECTIVE AND EFFICIENT DRAINAGE FINDING

1. SUBMIT A DETAILED DESCRIPTION OF THE CIRCUMSTANCES NECESSI-TATING DRILLING OF ADDITIONAL WELL(S) ON THE PRORATION UNIT FOR EACH WELL. (I.E., MECHANICAL DIFFICULTY, RESERVOIR CHARACTERISTICS).

2. PROVE THE PRORATION UNIT TO BE REASONABLY PRODUCTIVE (I.E., STRUCTURE MAP ILLUSTRATING GAS-WATER CONTACTS AND RESERVOIR LIMITS OR OFFSET PRODUCTION IN THE SAME RESERVOIR).

3. CALCULATE THE ORIGINAL RECOVERABLE GAS IN PLACE OF PRORATION UNIT (I.E., VOLUMETRIC CALCULATION USING RECOVERY FACTOR OR OTHER ACCEPTED ENGINEERING CALCULATIONS SUCH AS P/Z PLOT VS. CUMULATIVE PRODUCTION OF PRORATION UNIT). <u>SHOW WORK</u>.

4. PROVIDE CUMULATIVE PRODUCTION TO DATE OR ORIGINAL WELL ON PRORATION UNIT.

5. SUBMIT AN ESTIMATION OF FUTURE RECOVERY FROM ORIGINAL WELL F THE ORIGINAL WELL IS STILL PRODUCTIVE. SHOW WORK

6. ESTIMATE THE REMAINING RECOVERABLE RESERVES THAT THE ORIGINAL WELL ON THE PRORATION UNIT IS NOT CAPABLE OF RECOVERING. SHOW WORK.

7. ESTIMATE THE RECOVERY OF EACH ADDITIONAL WELL.

LANGLIE JAL UNIT WELL NO. 99

1. A recent reservior study indicated that porosity stringers in the Seven Rivers-Queen formations (the unitized interval) of the Langlie Jal Unit varied in quantity and quality from well to well. In order to decrease the discontinuity it was proposed that an infill well pilot project be undertaken. Infill drilling to decrease discontinuity thereby increasing flood efficiency has been successful in other areas and is expected to be so at the Langlie Jal Unit.

2. The infill drilling of Langlie Jal Unit Well No. 99 will be part of a project to increase well density from 40 acres per well and 80 acre 5-spot patterns to 20 acres per well and 80 acre 9-spot patterns with an option to go to 40 acre 5-spot patterns.

3. Based on an intial production of 10 BOPD, a GOR of 1900 and a unit production decline of 20%, reserves for this well are estimated at 18,250 BO and 35 MMCF gas.

4. The cumulative production from the Langlie Jal Unit Well No. 21 is 164 MBO (gas production not available). This well shares the standard 40 acre proration unit with Well No. 99.

5. There is no future production from Langlie Jal Unit Well No. 21. This well was converted to injection service on 5/23/72 to complete the 80 acre 5-spot patterns following unitization.

6. The estimate of remaining recoverable reserves, that the original well could not recover is 18,250 STBO and 35 MMCF gas.

7. The estimated recovery of the Langlie Jal Unit No. 99 is 27,400 STBO and 35 MMCF gas.

1/31/84 SMF/sf . •

•

and a restance Shart a restance File USC.6. LAND OFFICE OPERATOR APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK In Type of World PROFILE OPERATOR DRILL DEEPEN PROFILE OPERATOR DRILL DEEPEN PROFILE OPERATOR Union Texas Petroleum Corporation Address Concenter 1300 Wilco Bldg., Midland, Texas 79701 Accession of Wall OPERATOR 2450 2250 2250 2250 2250 2250 2250 2250 2250 2250 2250 2250 2250 2250 2250 2250 2250 23238,3 GR Blanket 33700 SIZE OF HOLE	بي	30-0	25-27844
SANTA FE FILE Image: State of the s			
SANTAPE STERIE PILE PERMIT TO DRILL, DEEPEN, OR PLUG BACK C. Type of Well DELL C. Muss of Operator DELL D. Maddies of Operator PLUGE D. Maddies of Operator Delta D		D C-101	
U.S.C.S. LAND OFFICE Image: State of the second state of the	21111/1211	Norm C-101 Nevised 1-1-6	55
LAND OFFICE OIL CONSERVA OPPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK a. Type of Woll DRILL b. Type of Woll DRILL c. New of Coperator Line Coperator c. Address of Coperator Iddg., Hidland, Texas c. Address of Coperator Hest c. Address of Coperator Hest c. Address of Coperator Iddg., Hidland, Texas c. Address of Coperator Hest c. Address of Coperator Hest c. Address of Coperator Hest c. Address of Coperator Sold c. Address of Coperator Hest c. Address of Coperator		SA. Indicate	Type of Lease
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK a. Type of West DRILL DRILL DRILL DRILL DEPEND DRILL DRILL DRILL DRILL DRILL DRILL DEPEND PROPOSED Union Texas Petroleum Corporation Address of Operator Union Texas Petroleum Corporation Address of Operator Union Texas Petroleum Corporation Address of Operator 1300 Hilco Bidg., Hidland, Texas 79701 Address of Operator 2450 Procession one New Operator	6 1000	BTATE	
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK A. Type of Woil DRILL DEEPEN DRILL DEEPEN PL	0 1984	.5. Store Oil	& Gas Loose No.
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK a. Type of Weil DRILL DEEPEN PL PLUG BACK b. Type of Weil DRILL DEEPEN PL PLUG BACK b. Type of Weil DRILL DEEPEN PL PLUG BACK b. Type of Weil DRILL DEEPEN PL PLUG BACK Componence Union Texas Petroleum Corporation Address of Operator 1300 Milco Bidg., Midland, Texas 79701 Address of Operator 1300 Milco Bidg., Midland, Texas 79701 Address of Operator 1300 Milco Bidg., Midland, Texas 79701 Address of Operator 2450 rest resurce K Lessere 1424 rest resurce Soi performed for the second rest Soin 2450 rest resurce Mest int or rest 2450 rest resurce Mest int or rest 2450 rest resurce Dr. M., etc./ Blanket 32288.3 GR Blanket 32288.3 GR PROPOSED CASING AND CEMENT PROBAM 3700 Propose to drill to depth of 3700' to the Seven River Blow-out preventors - 2000 ps1. This C-101 submitted to correct location from 2650 FML to 244 This C-101 submitted to correct location from 2650 FML to 244 This C-101 submitted to correct location from 2650 FML to 244 This C-101 submitted to correct location from 2650 FML to 244 This C-101 submitted to correct location from 2650 FML to 244 This C-101 submitted to correct location from 2650 FML to 244 This C-101 submitted to correct location from 2650 FML to 244 This Production Service Size Distribute Service and bellef Production Service Size Distribute Service Service and complete to the best of are imperiate and bellef Production Service Size Distribute Service Servi	ATION DIVISION	1	
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK Type of Weat Prope of Weat DRILL	ATION DIVISIO	<i>uuun</i>	
Type of Work DRILL D DEEPEN PL PL PL DEEPEN PL PL PL DEEPEN PL	(A+5		
Att 2 Att 2 Att 2 Att 2 Att 2 With 2 Att 2 Att 2 Att 2 Att 2 Verse of Operator 1300 Wilco Bldg., Midland, Texas 79701 Att 24 rest reads the SOIL Address of Operator 1300 Wilco Bldg., Midland, Texas 79701 Soil 24-5 Soil 24-5 Address of Operator 1300 Wilco Bldg., Midland, Texas 79701 Soil 24-5 Soil 24-5 Address of Operator West 100 or or or 32 Soil 24-5 Soil 24-5 Address of Wall 100 Wilco Bldg., Midland, Texas 79701 Its or or 32 Soil 24-5 Address of Wall 100 Wilco Bldg., Midland, Texas 79701 Its or or 32 Soil 24-5 Address of Wall 100 Wilco Bldg., Midland, Texas 79701 Its or or 100 Soil 100, Fisioned Leapth 3700 Address of Wall 100 Wilco Bldg., Midland, Texas 79701 Soil 100, Fisioned Leapth 3700 Soil 100, Fisioned Leapth 3700 Address of Propose to drill to depth of 3700' to the Seven River Blow-out preventors - 2000 psi. Propose to 4:11 to 244 Address of Propose to drill to correct location from 2650 FML to 244 Soil 100 or the Seven River Blow-out preventors - 2000 psi. Address of Propose to Blow of the Second Address of an Investigation of the Second Address of an Investigation the Second Address of an Investigation of the Second Address of		7. Unit Agre	Pement None
With E 2**** ****** ****** ******* Nume al Operator Union Texas Petroleum Corporation 'Address of Operator 1300 Wilco Bldg., Midland, Texas 79701 'Lectule of Vell werk Lettres K Lettre 1424 rest reade tot 500 'Lectule of Vell werk Lettres K Lettre 1424 rest reade tot 500 2450 rest reade tot 500 Nest int or res. 32 24-5 2450 rest reade tot 1000 10, rising classifier 500 'Lettreiting (Num werker D'), N., etc.) 21.4. Edge classifier 32 7.2. 24-5 'Lettreiting (Num werker D'), N., etc.) 21.4. Edge classifier 10, rising classifier 500 'Lettreiting (Num werker D'), N., etc.) 21.4. Edge classifier 21.4. Edge classifier 21.4. Edge classifier 21.4. Edge classifier 'Lettreiting (Num werker D'), N., etc.) 21.4. Edge classifier 21.4. Edge classifier 21.4. Edge classifier 21.4. Edge classifier 'Lettreiting (Num werker D'), N., etc.) 21.4. Edge classifier 21.4. Edge classifier 21.4. Edge classifier 21.4. Edge classifier 'Lettreiting (Num werker D'), N., etc.) 21.4. Edge classifier 21.4. Edge classifier 21.4		Langi	ie-Jal Unit
Lowersteen at Operator Union Texas Petroleum Corporation Address of Operator 1300 Wilco Bldg., Midland, Texas 79701 Lowersteen of Well wert Lettres_KLettres_12224-S 24-S 2700 21A. Elde 4 Eletter Plue, read 21A. Letting 4 Eletter 21A. Elde 4 Eletter Plue, read 21A. Letting 4 2700 21A. Elde 4 Eletter Plue, read 21A. Elde 4 21A. E		8. Farm or L	,ease Name
Union Texas Petroleum Corporation Address of Operation Address of Operation Address of Operation Lecation of Well with Letters K Lecates 1424 rest result as Sol and 2450 rest result and Mest Letters 1424 rest result as Sol and 2450 rest result and Mest Letters 32 var. 24-5 and 2450 rest result and Mest Letters 32 var. 24-5 and 2450 rest result and Mest Letters 32 var. 24-5 and 2450 rest result and Mest Letters 32 var. 24-5 and 2450 rest result and Mest Letters 32 var. 24-5 and 2450 rest result and Mest Letters 1424 rest result and Letters 3238.3 GR Blanket 3. PROPOSED CASING AND CEMENT PROGRAM SIZE OF MOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEP 12-1/4" 8-5/8" 24# 800 7-7/8" 5-1/2" 14# 3700 Propose to drill to depth of 3700' to the Seven River Blow-out preventors - 2000 psi. This C-101 submitted to correct location from 2650 FWL to 24 bised Lecate Mestales, Propresses Programs and Provended is to before an rule sets, sive and bised and Lecate Mestales, Programs and Provended to the best of an topological and belief. Add Sect Statements Programs and Provended and the best of an topological and belief. This C-101 submitted to the rule and complete to the best of an topological and belief. Add Sect Statements Add Add Add Trile Production Services Side and Media. This C-101 submitted to the rule and complete to the best of an topological and belief. Add Add Add Add Trile Production Services Side and Media.			
1300 Wilco Bldg., Midland, Texas 79701 - Location of Well with LETTER K Locates 1424 rest read the Sol 2450 rest vegative West Intervent 32 24-S 10. rtsiling (Show whether DK.RT. etc.) 210. Itsid a Linux Place Point 10000 210. Itsiding Contract 3700 1. Leveldand (Show whether DK.RT. etc.) 210. Itsid a Linux Place Point 10000 210. Itsiding Contract 3700 1. Leveldand (Show whether DK.RT. etc.) 210. Itsid a Linux Place Point 10000 210. Itsiding Contract 3700 3. PROPOSED CASING AND CEMENT PROGRAM Blanket 3700 3. PROPOSED CASING AND CEMENT PROGRAM 8000 7-7/8" 5-1/2" 14# 3700 10. Propose to drill to depth of 3700' to the Seven River Blow-out preventors - 2000 ps1. 1000 This C-101 submitted to correct location from 2650 FWL to 244 Leventer Baseling Baseling Point And Complete to the best of extinger and bellef. Leventer Baseling Baseling Point And Complete to the best of extinger and bellef. <		s. Well No. 99	
Locates 1424 rest reason tot Solid ab		10. Field on Lang	Tie Mattix (Que
2450 rest read vie West 32 24-5 approximation rest read vie 10, rest read vie 10, rest read vie 1. Liberations (Numu websiter UP, RT, etc.) 21A. Elind & Status Plue. Menual 21A. Issued Leapth 3. PROPOSED CASING AND CEMENT PROGRAM 512E OF MOLE 512E OF CASING WEIGHT PER FOOT SETTING DEP 12-1/4" 8-5/8" 244# 3700 7-77/8" 5-1/2" 14# 3700 7-77/8" 5-1/2" 14# 3700 Propose to drill to depth of 3700' to the Seven River Blow-out preventors - 2000 psi. 2000 psi. This C-101 submitted to correct location from 2650 FWL to 24# Addition of the seven River Blow-out preventors - 2000 psi.	uth		
ms ret from vet int of arts. ret. r	37-E		
3700 3238.3 GR 21A. Filed & Exterior Prog. Mon.d 318. Thrilling Contract Blanket CASING AND CEMENT PROGRAM SIZE OF MOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEP 12-1/4" 8-5/8" 24# BOU 7-7/8" 5-1/2" 14# BOU 7-7/8" SETTING DEP Propose to drill to depth of 3700' to the Seven River Blow-out preventors - 2000 ps1. This C-101 submitted to correct location from 2650 FWL to 24 Note: State and correct location from 2650 FWL to 24 Note: State and correct location from 2650 FWL to 24 Note: State and correct location from 2650 FWL to 24 Note: State and correct location from 2650 FWL to 24 Note: State and correct location from 2650 FWL to 24 Note: State and correct location from 2650 FWL to 24 Note: State and correct location fr		12. County	millillilli
3700 21A. Filed & Evenue Prog. Month 3238.3 GR Blanket PROPOSED CASING AND CEMENT PROGRAM SIZE OF MOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEP 12-1/4" 8-5/8" 24# BOU 7-7/8" 5-1/2" 14# 3700 Propose to drill to depth of 3700' to the Seven River Blow-out preventors - 2000 ps1. This C-101 submitted to correct location from 2650 FWL to 24 Month Sector Sect	MIIIIIII	Lea	
3700 21A. Filed & Evenue Prog. Month 3238.3 GR Blanket PROPOSED CASING AND CEMENT PROGRAM SIZE OF MOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEP 12-1/4" 8-5/8" 24# BOU 7-7/8" 5-1/2" 14# 3700 Propose to drill to depth of 3700' to the Seven River Blow-out preventors - 2000 ps1. This C-101 submitted to correct location from 2650 FWL to 24 Month Sector Sect	<i>++++++++</i> +	mm	<i></i>
3700 It Llovellons (Show where DF, RT, etc.) 3238.3 GR Blanket 3. PROPOSED CASING AND CEMENT PROGRAM SIZE OF MOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEP 12-1/4" 8-5/8" 24# 800 7-7/8" 5-1/2" 14# 3700 7-7/8" 5-1/2" 14# 900 7-7/8" 5-1/2" 14# 910 7-7/8" 5-1/2" 14# 910 7-7/8" 5-1/2" 14# 910 7-7/8" 5-1/2" 14# 910 7-7/8" 5-1/2" 14# 910 910 14# 3700 100 9200 951. 14# 110 depth of 3700' to the Seven River 16 910 9200 951. 14 111 10 depth of 3700' to the Seven River 910 910 910 14 111 10 10 14 111 10 10 10 10 1110 <td< td=""><td></td><td></td><td></td></td<>			
3238.3 GR Blanket 3. PROPOSED CASING AND CEMENT PROGRAM SIZE OF MOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEP 12-1/4" 8-5/8" 24# 800 7-7/8" 5-1/2" 14# 3700 Propose to drill to depth of 3700' to the Seven River Blow-out preventors - 2000 psi.	Seven Rive	ers Quee	121. Honory or C.T. N Rotary
3238.3 GR BIARRET 3. PROPOSED CASING AND CEMENT PROGRAM SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEP 12-1/4" 8-5/8" 24# 800 7-7/8" 5-1/2" 14# 3700 Propose to drill to depth of 3700' to the Seven River Blow-out preventors - 2000 psi.	l	22. Approx	. Date Work will start -
PROPOSED CASING AND CEMENT PROGRAM SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEP 12-1/4" 8-5/8" 24# 800 7-7/8" 5-1/2" 14# 3700 Propose to drill to depth of 3700' to the Seven River Blow-out preventors - 2000 psi. This C-101 submitted to correct location from 2650 FWL to 24! A source descentes proposed for the seven River A source descentes proposed for the seven River Source descentes proposed for the seven River A source descentes for the seven River Source descentes proposed for the seven River A source descentes for the seven River Source descentes proposed for the seven River A source descentes for the seven River descentes for the seven set. A source descentes for the seven seven set. A source descentes for the seven seven set. A source descentes for the seven			-
12-1/4" 8-5/8" 24# 800 7-7/8" 5-1/2" 14# 3700 Propose to drill to depth of 3700' to the Seven River Blow-out preventors - 2000 psi. Propose to drill to correct location from 2650 FWL to 24! This C-101 submitted to correct location from 2650 FWL to 24! ABOUT SECTION FROM THE PROPOSED PROGRAME IF PROPOSEL 18 to before an out out, sive back,		• .	· · · · ·
7-7/8" 5-1/2" 14# 3700 Propose to drill to depth of 3700' to the Seven River Blow-out preventors - 2000 psi. This C-101 submitted to correct location from 2650 FWL to 24	PTH SACKS OF	CEMENT	EST. TOP
Propose to drill to depth of 3700' to the Seven River Blow-out preventors - 2000 psi. This C-101 submitted to correct location from 2650 FWL to 24 Seven allowed prevented to correct location from 2650 FWL to 24 Seven allowed prevented prevented prevented of the seven of rule each, sive back seven y consist the information above is true and complete to the best of any transmission and belief. and with the information above is true and complete to the best of any transmission and belief. The Production Services Si	600		Surface
Blow-out preventors - 2000 psi. This C-101 submitted to correct location from 2650 FWL to 24 we shall be been up proved by the correct location from 2650 FWL to 24 we shall be been up prevented be appressed on 10 prevented by the best of any backs, dive backs, dive backs, and belief, proby certify the the information obyve is true and complete to the best of any backs, and belief, and with the information obyve is true and complete to the best of any backs, and belief, and with the information obyve is true and complete to the best of any backs, and belief, and with the information obyve is true and complete to the best of any backs, and belief, and with the information obyve is true and complete to the best of any backs, and belief, and with the information between the true and complete to the best of any backs, and belief, and with the information between the true and complete to the best of any backs, and belief, and with the information between the true and complete to the best of any backs, and belief, and with the information between the true and complete to the best of any backs, and belief, and with the true and the true and complete to the best of any backs, and belief, and with the true and true and true and the true and the true and	700		Circulate
and hickard Atting Tule Production Services St		rmation	·
and hickard Atter Tule Production Services St			
and hickard Atter Tule Production Services St	ATA OU POCOUNT POO	ØVETIVE E Ø 4E	AND PROPOSED NEW PRODU
	supr. ,	1-]	19-83
(This envre for State Use)	and and a second se		
,			
PPROVED BY	t	JATE	

WELL ' OCATION AND ACREAGE DEDICATION PLAT

		WELL UCAIN	ON AND ACRE	AGE DEDIC		AT	Supersedes C-128 Effective 1-1-65
and a second sec							Enecute 1-1-62
ioioresqu	··· ···	All distances m	ust be from the out	er boundaries d	the Section.		Well No.
•	exas Petro	Jeum Corp.	2000	Langlie		÷+	99
nit Letter	Section	Township	Rang		County	<u> </u>	
К	32	24-S	-	37-E	Lea		
ctus! Feetage Lee	stion of Well:				<u> </u>		· · · · · · · · · · · · · · · · · · ·
1424	feet from the	South in	ne and 2450) <u>fo</u>	et from the	West	line
ound Level Elev:	Producing Fo	rmation	Poel			D	dicated Acreage:
3238.3		· · · · · · · · · · · · · · · · · · ·	<u> </u>				Acres
2. If more th		ated to the subj dedicated to th		-	· .		plat below. eof (both as to working
3. If more that dated by co	on one lease of communitization,	unitization, force	pooling.etc? type of consoli	dation	•		ll owners been consoli-
this form if No allowab	f necessary.) ole will be assign	ned to the well un	ntil all interest	s have been	consolidate	d (by commu	d. (Use reverse side of nitization, unitization, oproved by the Commis-
				i i	÷.	(CERTIFICATION
			1111	ETTVIE 1 5 1984		tained herei	ify that the information con- is true and complete to the nowledge and belief.
			- OIL-GONSEF	NTA FE		Name	
	 			1 1		Position	
	i			i			
	1					Date	· · · · · · · · · · · · · · · · · · ·
				•			
<u> </u>	<u> </u>			1			
	 2450'	99 				shown on thi notes of oc under my su	rtify that the well location is plat was plotted from field Jual surveys made by me or pervision, and that the same correct to the best of my nd belief.
	 					shown on thi notes of oct under my su is true and knowledge a Date Surveyed	is plat was plotted from field tual surveys made by me or pervision, and that the same correct to the best of my nd belief.
	 					shown on thi notes of oct under my su is true and knowledge a Date Surveyed May 2	is plat was plotted from field tual surveys made by me or pervision, and that the same correct to the best of my nd bolief.
	2450'					shown on thi notes of oct under my su is true and knowledge a Date Surveyed <u>MB 4</u> Registered Pr and/or Land S	is plat was plotted from field that surveys made by me or pervision, and that the same correct to the best of my nd belief.
	 					shown on the notes of oct under my su is true and knowledge a Date Surveyed <u>Ma y</u> Registered Pre and/or Land S <u>WM</u> Certificate 1:0	is plat was plotted from field that surveys made by me or pervision, and that the same correct to the best of my nd belief.

1

i

-

NEW MEXICO OIL CONSERVATION COMMISS

ງຊໄຊງຊາເ

ma C-102

Supersedes C-128 WELL LOCATION AND ACREAGE DEDICATION HLATAN 1 9 1983 Ellective 1-1-65 All distances must be from the outer boundaries ISERVATION DI Operato SANTA FE 99 Langlie-Jal Unit Union Texas Petroleum Corporation Unit Letter Section Township County Re а 37-Е 24-S Lea K 32 Actual Fostage Location of Well: 2650 West South 1424 feet from the feet from the line and line Ground Lovel Elev. **Producing Formation** Pcol Dedicated Acreoper Langlie Mattix (Queen) Seven Rivers Queen 3238.3 '40 λατε π 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling. etc? AX No If answer is "yes," type of consolidation Yes i If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.). No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. CERTIFICATION by certify that the inform tained herein is true and complete to the day and belief. Non Richard Atchley Union Texas Petroleum Corporation Position hanglie Jal Unit Well No. 20 Production Services 1980' FS+WL Spud : 10/31/39 Union Texas Pet. Corp. Dual Completion R-85 September 30, 1982 Jalmat Cummulative as of 12/81 1747441 MCF alic - Matix Cummila live as nalic: 05 12/81 - 126793 MCF 214850 BD I hereby certify that the well facation P+ A Salmat 2/24/78 shown on this plat was platted from field Presently of Langkie Mattin Predance notes of actual surveys made by me ar under my supervision, and that the same is true and correct to the best knowledge and belief. 2650 Date Surveyed September 25, 1982 Neglatered Professional Engineer and/or Land Surveyor Mare & Lucas 1-13-83

EXAMINER

Date

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION FLATAN 191983

ງສເຕງສາເ√V

Form C-102 Supersedes C-121

Liective 1-1-65

All distances must be f EDVATION DI SANTA FE 99 Union Texas Petroleum Corporation Langlie-Jal Unit Range 37-E Townstip Unit Letter Section County Lea 24-S 32 Actual-Fostage Location of Wells 1424 2650 West South line end feet from the Ground Lovel Eleve **Producing Formation** Pcol Dedicated Acreages Langlie Mattix (Queen) Seven Rivers Queen 3238.3 40 Actes 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling. etc? KA No If answer is "yes," type of consolidation Yes 🗋 If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.). No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. CERTIFICATION by cartify that the info Nam Richard Atchley Union Texas Petroleum Corporation Position hanglie Jal Unit Well No. 20 Production Services 19.80' FS+WL Spud: 10/31/39 Union Texas Pet. Corp. Dual Completion R-85 September 30, 1982 Jalmat Cummulative as of 12/81 1747441 MCE Alic - Mattix Cummila live as 05 12/01 - 126793 MCF 214850 BO I hereby certify that the well location P+ A Salmat 2/24/18 wn on this plat was platted from field Presently of Langhie Mattix Predace notes of octual surveys t my supervision, and that is true and correct to the best knowledge and belief. Dole Surveyed September 25, 1982 Segistered Professional Engineer and/or Land Surveyor marci Vara. 1-13-93

1 - A

LAMINT

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

.

.

q,

.....

Form C-102 Supersedes C-128 Effective 1-1-65

·/		All distan	ces must be f	rom the outer	r boundaries of	the Section.		·
Operator Union Texas	Petrole	um Corporatio	n		anglie-Ja	l Unit		Well No. 99
Unit Letter K	Section 32	Township	24-S	Pance 3	7-E	County	Lea	
Actual Footage Loce 1424	feet from th	the second s	line and	2650		t from the	West	line
Ground Level Elev. 3238.3		n Rivers Quee	n	Langli	e Mattix	(Queen)		20 Acres
1. Outline the	e acreage (dedicated to the	subject we	ll by cold	red pencil o	r hachure	marks on the	e plat below.
	an one lea d royalty).	se is dedicated	to the well	l, outline (each and ide	ntify the o	wnership th	ereof (both as to working
					to the well,	bave the i	nterests of	all owners been consoli-
	MAN No	tion, unitization, If answer is "y			ation	:		
Yes		-						ted. (Use reverse side of
this form i	f necessary	.)						
								nunitization, unitization, approved by the Commis-
	1	.	· ·	1				CERTIFICATION
			241	CIEIC			tained her	ertify that the information con- ein is true and complete to the knowledge and belief.
			- -	SANTA	FE		Position	l Atchley
				1 			}	Texas Pet. Corp.
			•	1 1 1			\	ber 30, 1982
		550' <u> </u>					shown on notes of under my is true a	certify that the well location this plat was plotted from field actual surveys made by me or supervision, and that the same and correct to the best of my e and belief.
		1424						ber 25, 1982 Protessional Engineer
					 		Certificate	
1		م الم الم الم الم بالم الم الم الم الم الم الم الم الم الم	ا ا موجع مي	• •	· · · · · · · · · · · · · · · · · · ·	n n	! 2	189

s C-101 submitte				•		
	d to correct	location from 26	50 FWL to 245	O FWL.		•
						•
	drill to dept eventors -	l h of 3700' to the 2000 psi.	i e Seven River	i s-Queen Fori	nation	
7-7/8"	5-1/2"	14#	3700	700		Circulate
12-1/4"	8-5/8"	24#	800	600		Surface
SIZE OF HOLE	SIZE OF CASING	PROPOSED CASING AND			EMENT I	EST. TOP
3238.3 GR	B	lanket				
evalions (Show whether UF,	RT, etc.) 21A. E.	ud 6 Status Plug. Hond (2)				Date Work will start -
			a, Phyladod Lepth 3700	19A. Formution Seven River		20. Holey gr C.T. T Rotary
	, IIIIIIIII)			the second s	2. County Lea	
2450	West	32	24-S	37-E		
1300 Wilco Bldg.		xas 79701	Sou	Fh k	Lang	Pool, or Wildcat ie Mattix (Quee
Union Texas Petr	oleum Corporat	tion				Pool, or Wildcat
LL A GAB WELL	0 / NCR		ZONE	AULTIPLE	. Well No. 99	/
pe of Well DRILL			PLU		Langli	e-Jal Unit
APPLICATIO	N FOR PERMIT T	O DRILL, DEEPEN, C	DR PLUG BACK		. Unit Agree	ment liame
RATOR	·	OIL	CONSERVATION	DIVISION	777774	inininini i
G.S. D OFFICE			JAN - 5198	34	STATE	Gas Lease No.
	↓ →↓ ·		V The FUTUE C	//~~~		Type of Lease
TA FE	NE	W MEXICO OIL CONSET	VATION COMMISS		arm C-101	

X.N			30-025-27844
NO. OF COPIES RECEIVED			
DISTRIBUTION	NEW MEXICO OIL CONS	ERVATION COMMISSION	Form C-101
SANTA FE		and the second sec	Revised 1-1-65
FILE			SA. Indicate Type of Lease
U.S.G.S,			STATE X PEE
LAND OFFICE		JAN - 51984	.5. State Oll & Gas Lease No.
OPERATOR			
		OIL CONSERVATION DIVISION	
APPLICATION FOR P	ERMIT TO DRILL, DEEPEN,	OR PLUG BANCKA FE	
a. Type of Work	· · · · · ·		7. Unit Agreement Name
			Langlie-Jal Unit
. The of Mell			6. Farm or Lease Name
	NCR	SINGLE A MULTIPLE	
Name of Operator			9. Well No. 99
Union Texas Petroleum (orporation		
Address of Operator	and. Texas 79701		Langlie Mattix (Que
1300 Wilco Bldg., Midla			
Location of Well UNIT LETTER K	LOCATED	PEET PROM THE South LINE	
2450 FEET FROM THE	lest 32	24-5 37-E	
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	12. County
			Lea
	********	************	iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii
		19. Froj-add Liepth 19A. Formatio	
		3700 Seven Riv	ers Queen Rotary
. Elevations (Show whether DF, RT, etc.)		218. Drilling Contractor	22. Approz. Date Work will start -
3238.3 GR	Blanket		-
•	PROPOSED CASING AN	D CEMENT PROGRAM	· · · · · · · · · · · · · · · · · · ·
			·
SIZE OF HOLE I SIZE OF	CASING WEIGHT PER FOO	T SETTING DEPTH SACKS OF	CEMENT EST TOP

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT		SACKS OF CEMENT	EST. TOP
12-1/4"	8-5/8"	24#	800	600	Surface
7-7/8"	5-1/2"	14#	3700	700	Circulate
:					
		• · · · ·		ł	

Propose to drill to depth of 3700' to the Seven Rivers-Queen Formation Blow-out preventors - 2000 psi.

This C-101 submitted to correct location from 2650 FWL to 2450 FWL.

hereby centify that the information above is true and complet	e to the heat of my knowledge and helief.	
isened Kieland Atter	ule Production Services Supr.	linte 1-19-83
(This space for State Use) ORIGINAL SIGNED BY EDDIE SEAY	<u>i Bangtang Bangkat tangkat tangka</u> n di kangkang Bangkang Bangkang Bangkang Bangkang Bangkang Bangkang Bangkang Kang bang bang bang bang bang bang bang b	
CONDITIONS OF APPROVAL, IF ANY	R *	

				•					·
				CONSERVATIO			AT .		Form C-102 Supersedes C-128 Ellective 1-1-65
	·	All distar	nces must be fro	om the outer bounds	aries of t	he Section.			
Union Texa:	s Petroleum C	orporatio		Leose Langl'	ie-Jal	Unit			Well No. 99
Letter K	Section 32	Township	24-S	Pange 37-E		County	Lea		· · · · · · · · · · · · · · · · · · ·
tual Footage Loa		South	line and	2650	feet	from the	West	<u>i</u> - 1	ine
ound Level Elev. 238.3		vers Quee	() () () () () () () () () ()	Langlie Mat	ttix ((Queen)	•	Dedica 20	ted Acreage:
interest a 3. If more th	nd royalty).	different ow	vnership is d	edicated to the		·	-		(both as to working wners been consoli-
this form i No allowa	is "no," list the if necessary.) ble will be assig	owners an ned to the w	d tract descr sell untii all	interests have	been c	onsolidate	ed (by com	muniți	Use reverse side of zation, unitization, ved by the Commis-
			OIL CONS	N - 5 1984 ERVATION DIVI SANJA JE	SION		Nome Richar Produc Compony Union	d Atc tion	TFICATION hot the information con- true and complete to the edge and belief. hley Services Pet. Corp. 30, 1982
	 						shown or notes of under my	a this pl actual supervi and cor	that the well location at was plotted from field surveys made by me or ision, and that the some rect to the best of my elief.

Date Surveyed September	25,	1982
Registered Professional Engineer and/or Land Surveyor		
marc	E	d'una s

424

.

Certificate No. 2189 STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

January 6, 1987

GARREY CARRUTHERS

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 (505) 827-5800

Union Texas Petroleum Corporation P.O. Box 2120 Houston, Texas 77252-2120

Attention: Ralph E. Stanley Contract Analyst

Re: Administrative Order NFL-150

Dear Mr. Stanley:

Reference is made to your application for an Infill Well Finding and Well-Spacing Waiver made pursuant to Section 271.305(b) of the Federal Energy Regulatory Commission regulations, Natural Gas Policy Act of 1978, and Oil Conservation Division Order No. R-6013 for the following described well:

Langlie Jal Unit Well No. 102 located 2630 feet from the South and West lines of Section 32, Township 24 South, Range 37 East, NMPM, Langlie Mattix Pool, Lea County, New Mexico.

THE DIVISION FINDS THAT:

(1) Section 271.305(b) of the Federal Energy Regulatory Commission Interim Regulations promulgated pursuant to the Natural Gas Policy Act of 1978 provides that, in order for in infill well to qualify as a new onshore production well under Section 103 of said Act, the Division must find, prior to the commencement of drilling, that the well is necessary to effectively and efficiently drain a portion of the reservoir covered by the proration unit which cannot be so drained by any existing well within that unit, and must grant a waver of existing well-spacing requirements.

(2) By Division Order No. R-6013, dated June 7, 1979, the Division established an administrative procedure whereby the Division Director and the Division Examiners are empowered to act for the Division and find that an infill well is necessary.

(3) The well for which a finding is sought is to be completed in the Langlie Mattix Pool, and the standard specing unit in said pool is 40 acres.

(4) A standard 40-acre oil proration unit comprising the NE/4 SW/4 (Unit K) of Section 32, Township 24 South, Range 37 East, is currently dedicated to the Langlie Jal Unit Wells Nos. 20 and 99 also located in Unit K of said Section 32.

(5) Administrative Order No. NFL-100, dated October 11, 1984, authorized an Infill Well Finding for said Langlie Jal Unit Well No. 99 on the aforementioned proration unit. NFL-100 should remain in full force and not be effected by the entry of this order.

(6) Said unit is <u>not</u> being effectively and efficiently. drained by the existing wells on the unit.

(7) The drilling and completion of the well for which a finding is sought should result in the production of an additional 154,000 MCF of gas from the proration unit which would not otherwise be recovered.

(8) All the requirements of Division Order No. R-6013 have been complied with, and the well for which a finding is sought is necessary to effectively and efficiently drain a portion of the reservoir covered by said proration unit which cannot be so drained by any existing well within the unit.

(9) In order to permit effective and efficient drainage of said proration unit, the subject application should be approved as an exception to the standard well spacing requirements for the pool.

2

IT IS THEREFORE ORDERED THAT:

(2) Division Administrative Order No. NFL-100, dated October 11, 1984, shall remain in full force and effect until further notice.

•∧Jessebau entry of such further orders as the Division may deem ont of benieter is ease sidt to nottoibeinul (S) p

1 1.1 V_{\star}

nenimexā Michael E. Stogner,

 $t_{\text{NEL-100}}$ File . ≥ddoH -.0.0.0.M.M :⊃×