

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 Petr. Corp. Well Name and No. Langlie Jal Unit Well #95
Location: Unit M Sec. 32 Twp. 24S Rng. 37E Cty. Lea

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.
- (2) 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.
- (3) That 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) That a 40-acre proration unit comprising the SW/4 SW/4 of Sec. 32, Twp. 24S, Rng. 37E, is currently dedicated to the Langlie Jal Unit Well No. 26 located in Unit M of said section.
- (5) That this proration unit is () 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 104,000 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 pool.

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 11 day of October, 19 84.

Michael E. Stegner
DIVISION DIRECTOR EXAMINER ✓

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

January 6, 1987.



GARREY CARRUTHERS
GOVERNOR

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-149

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. 104 located 140 feet from the South line and 247 feet from the West line 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 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.

(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 SW/4 SW/4 (Unit M) of Section 32, Township 24 South, Range 37 East, is currently dedicated to the Langlie Jal Unit Wells Nos. 26 and 95 also located in Unit M of said Section 32.

(5) Administrative Order No. NFL-101, dated October 11, 1984, authorized an Infill Well Finding for said Langlie Jal Unit Well No. 95 on the aforementioned proration unit. NFL-101 should remain in full force and not be effected by the entry of this order.

(6) Said unit is not 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 62,000 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. 104 as described above, as an infill well on the existing 40-acre oil proration unit comprising the SW/4 SW/4 (Unit M) of Section 32, Township 24 South, Range 37 East, NMPM, Langlie Mattix Pool, Lee County, New Mexico. 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) Division Administrative Order No. NFL-101, dated October 11, 1984, shall also remain in full force and effect until further notice.

(3) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

Sincerely,

A handwritten signature in cursive script, appearing to read "Michael E. Stogner". The signature is written in dark ink and is positioned above the typed name.

Michael E. Stogner,
Examiner.

xc: N.M.O.C.D. - Hobbs
NFL-101 File

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

January 6, 1987



GARREY CARRUTHERS
GOVERNOR

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-149

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. 104 located 140 feet from the South line and 247 feet from the West line 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 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.

(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 SW/4 SW/4 (Unit M) of Section 32, Township 24 South, Range 37 East, is currently dedicated to the Langlie Jai Unit Wells Nos. 26 and 95 also located in Unit M of said Section 32.

(5) Administrative Order No. NFL-101, dated October 11, 1984, authorized an Infill Well Finding for said Langlie Jai Unit Well No. 95 on the aforementioned proration unit. NFL-101 should remain in full force and not be effected by the entry of this order.

(6) Said unit is not 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 62,000 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 Jai Unit Well No. 104 as described above, as an infill well on the existing 40-acre oil proration unit comprising the SW/4 SW/4 (Unit M) of Section 32, Township 24 South, Range 37 East, MMPM, Langlie Mattix Pool, Lee County, New Mexico. 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) Division Administrative Order No. NFL-101, dated October 11, 1984, shall also remain in full force and effect until further notice.

(3) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

Sincerely,



Michael E. Stogner,
Examiner

Xc: / M.H.O.C.D. - Hobbs
MFL-101 File

Received 2/13/84

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

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

ADMINISTRATIVE ORDER
NFL 101

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 Petroleum Corporation Well Name and No. Langlie Jal Unit Well No. 95
Location: Unit M Sec. 32 Twp. 24 South Rng. 37 East Cty. Lea

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.
- (2) 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.
- (3) That 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) That a 40 -acre proration unit comprising the SW/4 SW/4 of Sec. 32, Twp. 24 South, Rng. 37 East, is currently dedicated to the Langlie Jal Unit Well No. 26 located in Unit M of said section.
- (5) That this proration unit is () 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 104,000 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 pool.

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_____.

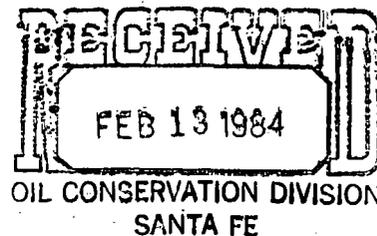
DIVISION DIRECTOR _____ EXAMINER _____

**Union Texas
Petroleum**

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

February 8, 1984

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 No. 95

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,

Ralph Stanley

Ralph Stanley
Natural Gas Operations

RES/kg

PBQ:0084:-1-

Langlie Jal No. 95

Pool:
Dedicated Acreage:
Location:
Spud Date:
Completion Date:

Langlie Mattix (Queen)
20 Acres
Section 32-M, TWP. 24-S, Range 37-E
140' FSL and 1250' FWL
8/22/82
9/10/82



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

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

Attention: Steven R. Altton

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87301
(505) 827-2434

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 #95-M 32-24S-37E

SECTION(S) APPLIED FOR 103

DATE APPLICATION RECEIVED January 19, 1983

APPLICATION INCOMPLETE Please submit this well's C-101; obtain an infill well finding pursuant to NMOCED Order R-6013-A, attached.

Sincerely,

DATE: January 24, 1983

NOTE: Michael E. Stogner

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

4/11/83

Please obtain an infill well finding pursuant to NMOCED Order No. R-6013-A (attached).

M. Stogner

2/6

EXHIBIT B

EFFECTIVE AND EFFICIENT DRAINAGE FINDING

1. SUBMIT A DETAILED DESCRIPTION OF THE CIRCUMSTANCES NECESSITATING 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). SHOW WORK.
4. PROVIDE CUMULATIVE PRODUCTION TO DATE OR ORIGINAL WELL ON PRORATION UNIT.
5. SUBMIT AN ESTIMATION OF FUTURE RECOVERY FROM ORIGINAL WELL IF 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. 95

1. A recent reservoir 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. 95 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 initial production of 30 BOPD, a GOR of 1900 and a unit production decline of 20%, reserves for this well are estimated at 54,750 BO and 104 MMCF gas.
4. The cumulative production from the Langlie Jal Unit Well No. 26 is 213 MBO (gas production not available). This well shares the standard 40 acre proration unit with Well No. 95.
5. There is no future production from Langlie Jal Unit Well No. 26. This well was converted to injection service on 1/21/84 to complete the 40 acre 5-spot patterns.
6. The estimate of remaining recoverable reserves, that the original well could not recover is 54,000 STBO and 104 MMCF gas.
7. The estimated recovery of the Langlie Jal Unit No. 95 is 54,000 STBO and 104 MMCF gas.

1/31/84
SMF/sf

30-025-27840

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-121
Revised 10-85

NO. COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. Type of Work: **DRILL** **DEEPEIN** **PLUG BACK**

2. Type of Well: **OIL WELL** **GAS WELL** **OTHER**

3. Name of Operator: **Union Texas Petroleum Corporation**

4. Address of Operator: **1300 Wilco Building Midland, Texas 79701**

5. Location of Well: **UNIT LETTER M LOCATED 1250 FEET FROM THE West LINE AND 140 FEET FROM THE South LINE OF SEC. 32 TWP. 24-S RCP. 37-E**

6. Estimated Depth: **3700**

7. Formation: **Seven Rivers Queen Rotary**

8. History or C.T.: **Rotary**

9. Proposed Casing and Cement Program:

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	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

10. Proposed Blow-out Preventer Program: **Blanket**

11. Indicate Type of Lease: STATE FEDERAL

12. State Oil & Gas Lease No.:

13. Unit Agreement Name: **Langlie Jal Unit**

14. Form of Lease Name:

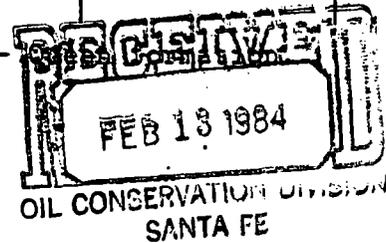
15. Well No.: **95**

16. Field and Pool, or Wellset: **Langlie Mattin (Queen)**

17. County: **Lea**

18. Approx. Date Work will start:

Propose to drill to depth of 3700' to the Seven Rivers - Blow-out preventers - 2000 psi MVP.



APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 12/23/82
UNLESS DRILLING UNDERWAY

Amended Location

I hereby certify that the information given is true and correct to the best of my knowledge and belief.

[Signature] Title: **Production Services Supervisor** Date: *5-25-82*

ORIGINAL SIGNED BY
JERRY SEXTON
DISTRICT 1 SUPR.

OCT 14 1982

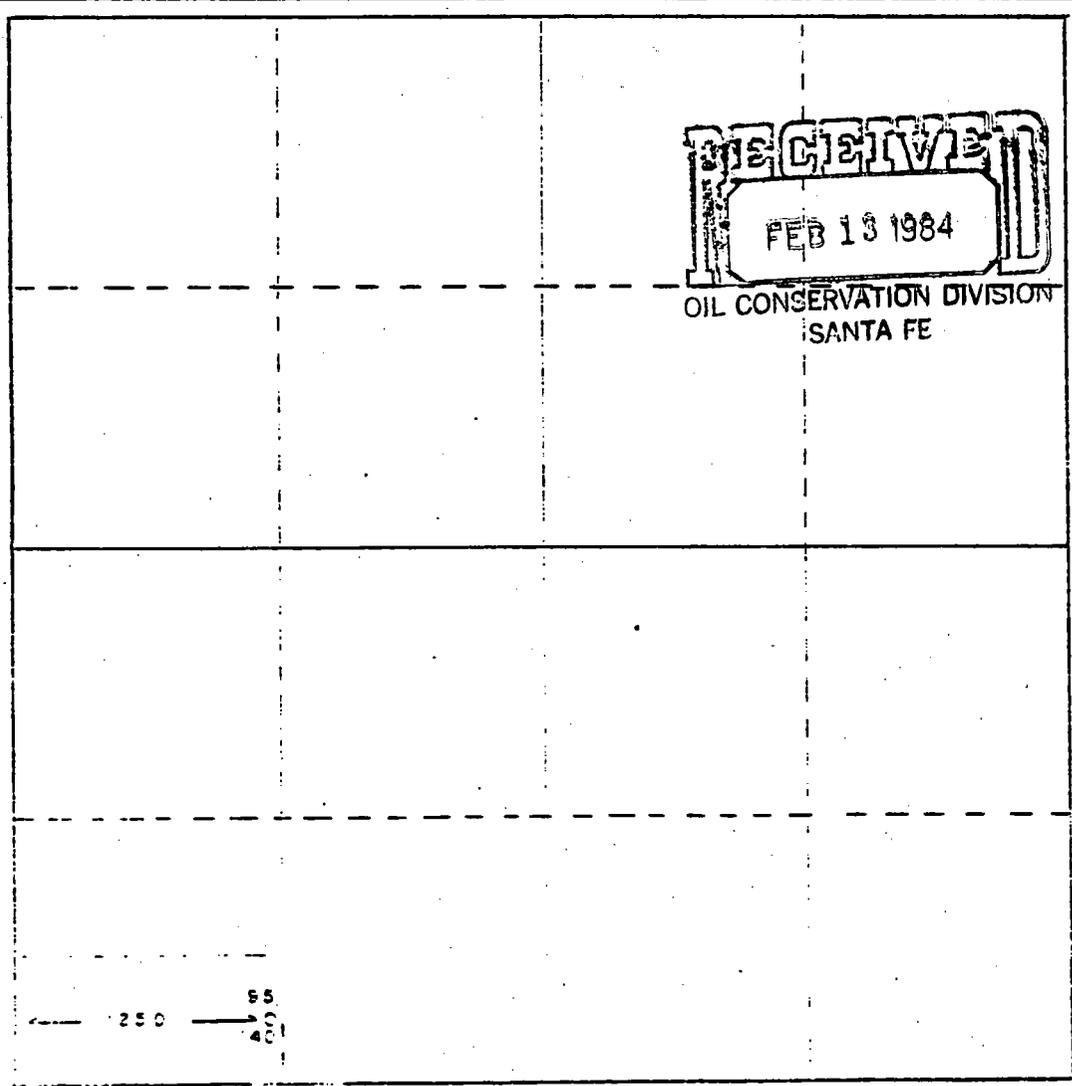
All distances must be from the outer boundaries of the Section.

Operator: Union Texas Petroleum Corp.			Lease: Langlie-Jal Unit		Well No.: 95
Unit Letter: 11	Section: 32	Township: 24-S	Range: 37-E	County: Lea	
Approx. Surface Location of Well: XXXX 140 feet from the South line and 1250 feet from the West line					
Ground Elev.: 3234.6	Producing Formation: Seven Rivers Queen		Pool: Langlie Mattix (Queen)	Dedicated Acreage: 20 Acres	

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?
 Yes No If answer is "yes," type of consolidation _____

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

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

Richard Atchley
Name

Richard Atchley

Position:
Prod. Services Supr.

Company:
Union Texas Pet. Corp.

Date:
June 1, 1982

I hereby certify that the well location shown on this plat was plotted 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.

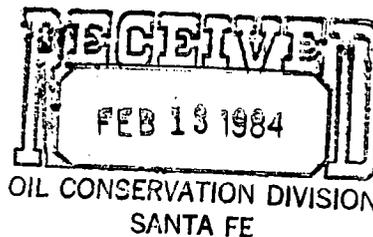
Date Surveyed:
May 22 1982
Registered Professional Engineer and Oil Land Surveyor

W. E. ...
Professional Engineer

**Union Texas
Petroleum**

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

February 8, 1984



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 No. 95

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,

Ralph Stanley

Ralph Stanley
Natural Gas Operations

RES/kg

PBQ:0084:-1-

Langlie Jal No. 95

Pool:	Langlie Mattix (Queen)
Dedicated Acreage:	20 Acres
Location:	Section 32-M, TWP. 24-S, Range 37-E 140' FSL and 1250' FWL
Spud Date:	8/22/82
Completion Date:	9/10/82

ENERG. AND MINERALS DEPA. TMENT
OIL CONSERVATION DIVISION



KING
GOVERNOR

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

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-3434

Attention: Steven R. Alton

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 #95-M 32-24S-37E

SECTION(S) APPLIED FOR 103

DATE APPLICATION RECEIVED January 19, 1983

APPLICATION INCOMPLETE Please submit this well's E-101; obtain an infill well finding pursuant to NMOC Order A-6013-A, attached.

Sincerely,

DATE: January 24, 1983

NOTE:

Michael E. Stogner

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

4/11/83

Please obtain an infill well finding pursuant to NMOC Order No. A-6013-A (attached).

M. Stogner

2/26

EXHIBIT B

EFFECTIVE AND EFFICIENT DRAINAGE FINDING

1. SUBMIT A DETAILED DESCRIPTION OF THE CIRCUMSTANCES NECESSITATING 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).
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4. PROVIDE CUMULATIVE PRODUCTION TO DATE OR ORIGINAL WELL ON PRORATION UNIT.
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LANGLIE JAL UNIT WELL NO. 95

1. A recent reservoir 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. 95 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 initial production of 30 BOPD, a GOR of 1900 and a unit production decline of 20%, reserves for this well are estimated at 54,750 BO and 104 MMCF gas.
4. The cumulative production from the Langlie Jal Unit Well No. 26 is 213 MBO (gas production not available). This well shares the standard 40 acre proration unit with Well No. 95.
5. There is no future production from Langlie Jal Unit Well No. 26. This well was converted to injection service on 1/21/84 to complete the 40 acre 5-spot patterns.
6. The estimate of remaining recoverable reserves, that the original well could not recover is 54,000 STBO and 104 MMCF gas.
7. The estimated recovery of the Langlie Jal Unit No. 95 is 54,000 STBO and 104 MMCF gas.

1/31/84
SMF/sf

30-025-27840

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U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-81

5A. Indicate Type of Lease
STATE FEDERAL

6. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. Type of Work
Type of Well: DRILL DEEPEN PLUG BACK

2. Type of Well
OIL WELL GAS WELL OTHER

3. Name of Operator
Union Texas Petroleum Corporation

7. Unit Agreement Name
Langlie Jal Unit

8. Form of Lease Name

4. Address of Operator
1300 Wilco Building Midland, Texas 79701

9. Well No.
95

10. Location of Well
UNIT LETTER M LOCATED 1250 FEET FROM THE West LINE
140 FEET FROM THE South LINE OF SEC. 32 T4S 24-S R37-E S40W

11. Field and Pool, or Block:
Langlie Mattie (Queen)

12. County
Lea

13. Proposed Depth: 3700
14. Formation: Seven Rivers Queen Rotary
15. Industry or C.T.
23. Approx. Date Work will start

16. Evolution (Show Unit, etc.)
3234.6 GR
17. Blanket

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	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

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



APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 12/23/82
UNLESS DRILLING UNDERWAY

Amended Location

KNOW EACH PARTY DESCRIBES PROPOSED PROGRAM AND APPROVAL IS GRANTED ON THIS BASIS, SIGN DATA ON PRESENT PERMITS AND OBTAIN NEW PERMITS AS REQUIRED BY FEDERAL REGULATORY PROGRAM, IF ANY.

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

Signature: *[Signature]* Title: Production Services Supervisor Date: 11-8-82

ORIGINAL SIGNED BY
JERRY SEXTON
DISTRICT 1 SUPR.

OCT 14 1982

All distances must be from the outer boundaries of the Section.

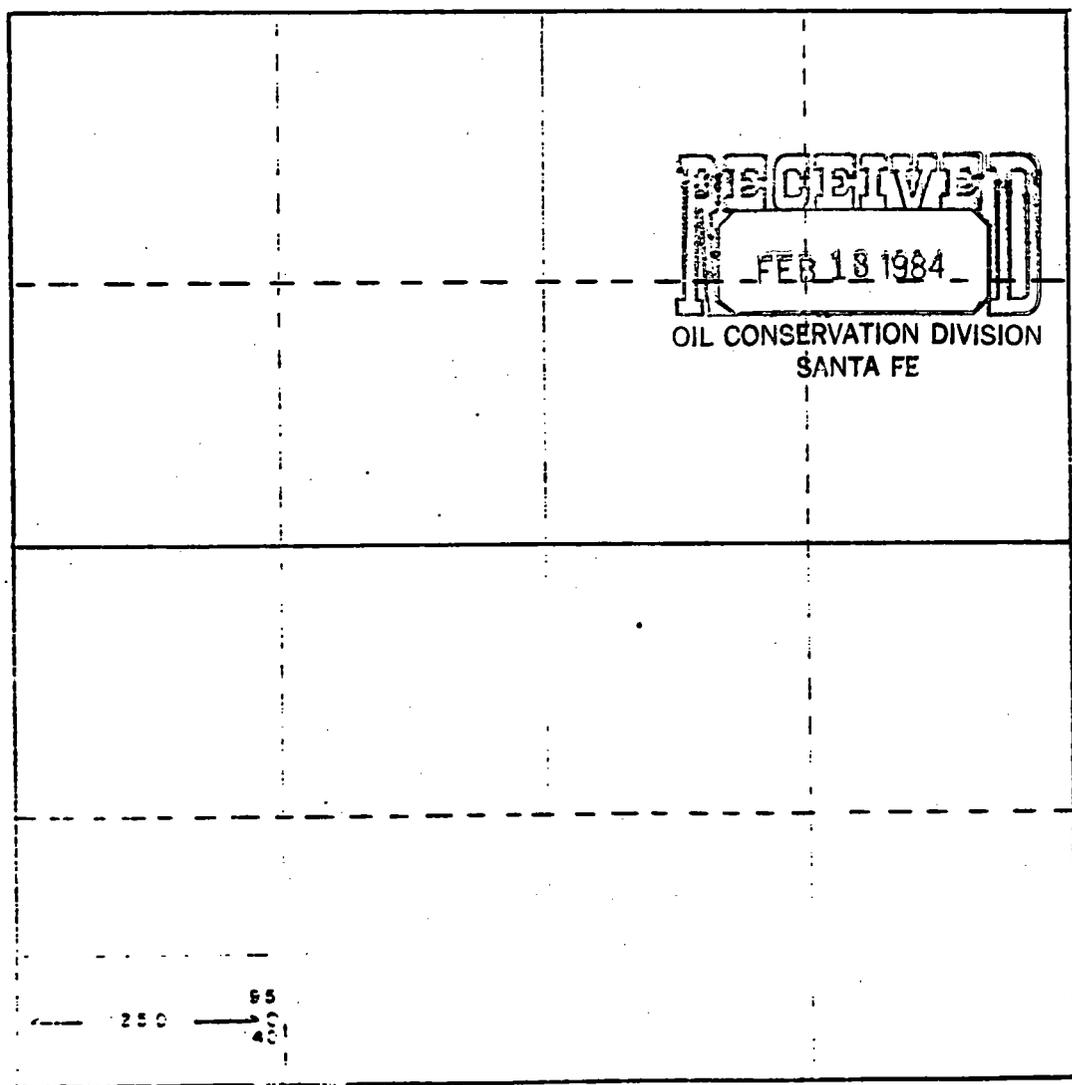
Operator Union Texas Petroleum Corp.		Lease Langlie-Jal Unit		Well No. 95
Section 32	Township 24-S	Range 37-E	County Lea	
Approx. Surface Location of Well: XXXX 140 feet from the South line and 1250 feet from the West line				
Ground Level Elev. 3234.6	Producing Formation Seven Rivers Queen	Pool Langlie Mattix (Queen)	Dedicated Acreage: 20 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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?

Yes No If answer is "yes," type of consolidation _____

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, force-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

Richard Atchley
Name

Richard Atchley

Position
Prod. Services Supr.

Company
Union Texas Pet. Corp.

Date
June 1, 1982

I hereby certify that the well location shown on this plat was plotted 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.

Date Surveyed
May 22 1982

Registered Professional Engineer and/or Land Surveyor

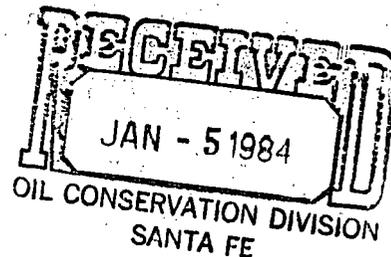
Wesley E. ...
Signature

**Union Texas
Petroleum**

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

December 30, 1983

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



Attention: Mike Stogner

Re: Langlie-Jal #95
Langlie-Jal #98
Langlie-Jal #99
Langlie-Jal #100

Dear Mr. Stogner:

Please find enclosed the infill well findings for the subject wells.

Thank you for your cooperation in this matter. If additional information is needed, please contact me at (713) 960-7805.

Yours truly,

Ralph Stanley

Ralph E. Stanley
Natural Gas Operations

RES;wr
enclosures

ORDER R - 6013 - A

Rule 8 (g)

In a recent reservoir study it became apparent that porosity stringers in the Seven Rivers - Queen formations of the Langlie Jal Unit varied from well to well in quantity and quality (See exhibit A). In order to decrease the discontinuity it was proposed that an infill well pilot project be undertaken. The infill program has been successful in other floods and is expected to be so here.

The increased density is expected to recover oil passed by in the water-flood and primary reserves in porosity stringers that have not been perforated or are not present in offset wells.

Rule 9 (6)

Each well is expected to recover 54,000 barrels of incremental oil based on an initial production of 40 BOPD and a constant decline of 21%.

SMF
SMF/grb

ORDER R - 6013 - A

Rule 8 (g)

In a recent reservoir study it became apparent that porosity stringers in the Seven Rivers - Queen formations of the Langlie Jal Unit varied from well to well in quantity and quality (See exhibit A). In order to decrease the discontinuity it was proposed that an infill well pilot project be undertaken. The infill program has been successful in other floods and is expected to be so here.

The increased density is expected to recover oil passed by in the water-flood and primary reserves in porosity stringers that have not been perforated or are not present in offset wells.

Rule 9 (6)

Each well is expected to recover 54,000 barrels of incremental oil based on an initial production of 40 BOPD and a constant decline of 21%.

SMF
SMF/grb

30-025-27840

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OPERATOR	

NEW MEXICO OIL CONSERVATION DIVISION

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OIL CONSERVATION DIVISION
SANTA FE

Form C-101
Revised 10-85

5A. Indicate Type of Lease
STATE FEDERAL

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1A. Type of Work
b. Type of Well
c. Name of Operator
d. Address of Operator
e. Location of Well

DRILL DEEPEN PLUG BACK

OIL WELL GAS WELL OTHER

SINGLE ZONE MULTIPLE ZONE

Union Texas Petroleum Corporation

1300 Wilco Building Midland, Texas 79701

UNIT LETTER M LOCATED 1250 FEET FROM THE West LINE
AND 140 FEET FROM THE South LINE OF SEC. 32 T. 24-S R. 37-E NW/4

17. County
Lea

19A. Formation
Seven Rivers Queen Rotary

21. Interval (Show Unit, etc.)
3234.6 GR

21A. Kind of Material
Blanket

7. Unit Agreement Name
Langlie Jal Unit

8. Form of Lease Name

9. Well No.
95

10. Field and Pool, or Wellcat
Langlie Matrix (Queen)

17. County
Lea

19A. Formation
Seven Rivers Queen Rotary

20. History of C.T.

22. Approx. Date Work will start

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	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

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

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 12/23/82
UNLESS DRILLING UNDERWAY

Amended Location

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new zone. Give blow-out preventer program, if any.

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

Signed [Signature] Title Production Services Supervisor Date 11-8-82

(Date space for State Use)

ORIGINAL SIGNED BY
JERRY SEXTON

OCT 14 1982

APPROVED BY [Signature] TITLE DISTRICT 1 SUPR. DATE [Signature]

All distances must be from the outer boundaries of the Section.

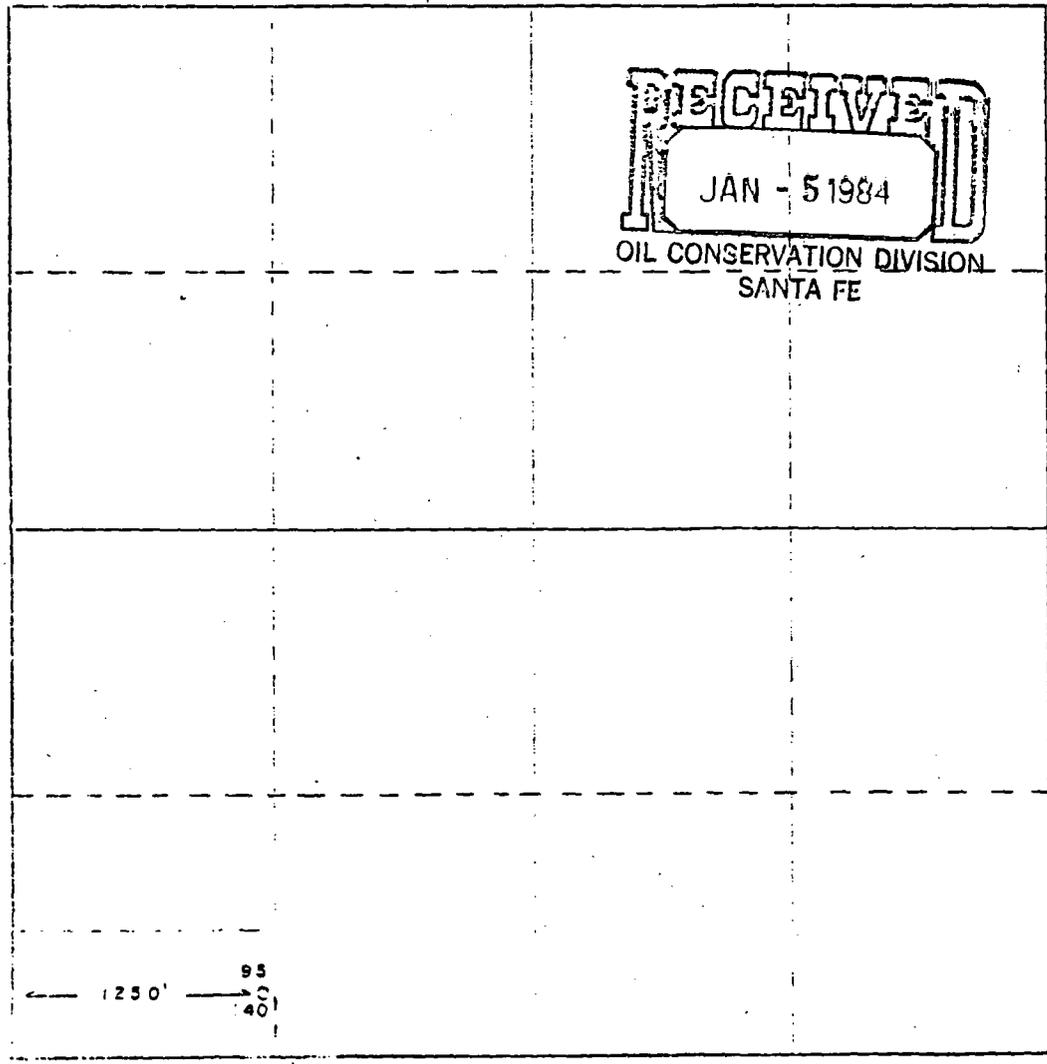
Operator Union Texas Petroleum Corp.		Lease Langlie-Jal Unit		Well No. 95
Unit Letter X	Section 32	Township 24-S	Range 37-E	County Lea
Actual Surface Location of Well: XXXX 140 feet from the South line and 1250 feet from the West line				
Ground Level Elev: 3234.6	Producing Formation Seven Rivers Queen	Foot Langlie Mattix (Queen)	Dedicated Acreage: 20 Acres	

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?

Yes No If answer is "yes," type of consolidation _____

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

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

Richard Atchley
Name
Richard Atchley

Position
Prod. Services Supr.

Company
Union Texas Pet. Corp.

Date
June 1, 1982

I hereby certify that the well location shown on this plat was plotted 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.

Date Surveyed
MAY 22 1982

Registered Professional Surveyor and the State of New Mexico

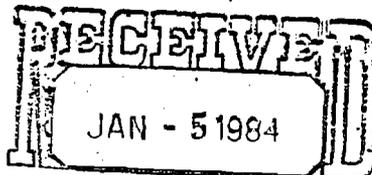
Walter E. Stewart
Walter E. Stewart

2133

30-025-27840

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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION



Form C-101
Revised 1-1-85

7A. Indicate Type of Lease
STATE FEE

8. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK SANTA FE

1. Type of Work: DRILL DEEPEN PLUG BACK

2. Type of Well: OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

3. Name of Operator: Union Texas Petroleum Corporation

4. Address of Operator: 1300 Wilco Building Midland, Texas 79701

5. Location of Well: UNIT LETTER M LOCATED 1250 FEET FROM THE West LINE AND 140 FEET FROM THE South LINE OF SEC. 32 T. 24-S R. 37-E S. 37-E

6. Estimated Depth: 3700

7. Formation: Seven Rivers Queen Rotary

8. History of C.T.: Rotary

9. Approx. Date Work will start: -

10. Unit Agreement Name: Langlie Jal Unit

11. Field and Pool, or Wildcat: Langlie Mattix (Queen)

12. County: Lea

13. License No.: 95

14. Name of Lease: -

15. Well No.: 95

16. Name of Operator: Union Texas Petroleum Corporation

17. Address of Operator: 1300 Wilco Building Midland, Texas 79701

18. Location of Well: UNIT LETTER M LOCATED 1250 FEET FROM THE West LINE AND 140 FEET FROM THE South LINE OF SEC. 32 T. 24-S R. 37-E S. 37-E

19. Estimated Depth: 3700

20. Formation: Seven Rivers Queen Rotary

21. History of C.T.: Rotary

22. Approx. Date Work will start: -

23. Proposed Casing and Cement Program:

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	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

24. Approximate Blow Preventer Program: 3234.6 GR

25. Name of Blow Preventer Program: Blanket

26. Name of Drilling Contractor: -

27. Approx. Date Work will start: -

Propose to drill to depth of 3700' to the Seven Rivers - Queen formation.
Blow-out preventers - 2000 psi MVP.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 12/23/82
UNLESS DRILLING UNDERWAY

Amended Location

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PROTECTIVE ZONE AND PROPOSED NEW PROTECTIVE ZONE. SHOW BLOW-OUT PREVENTER PROGRAM, IF ANY.

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

Signed: [Signature] Title: Production Services Supervisor Date: 5/15/82

(This space for State Use)

ORIGINAL SIGNED BY

OCT 14 1982

APPROVED BY: JERRY SEXTON TITLE: DISTRICT 1 SUPR. DATE: _____

SECRET
NOV 1950

SECRET

DEED PLAT 7-6-82

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-122
Supersedes C-128
Effective 1-1-82

All distances must be from the outer boundaries of the Section

JAN 19 1982
95

Operator: **Union Texas Petroleum Corp.** Lessee: **Langlie-Jal Unit**

Unit Letter: **N** Section: **32** Township: **24-S** Range: **37-E** County: **Lea** OIL CONSERVATION DIVISION
Santa Fe

Actual Footage Location of Well: **XXXX 140** feet from the **South** line and **1250** feet from the **West** line

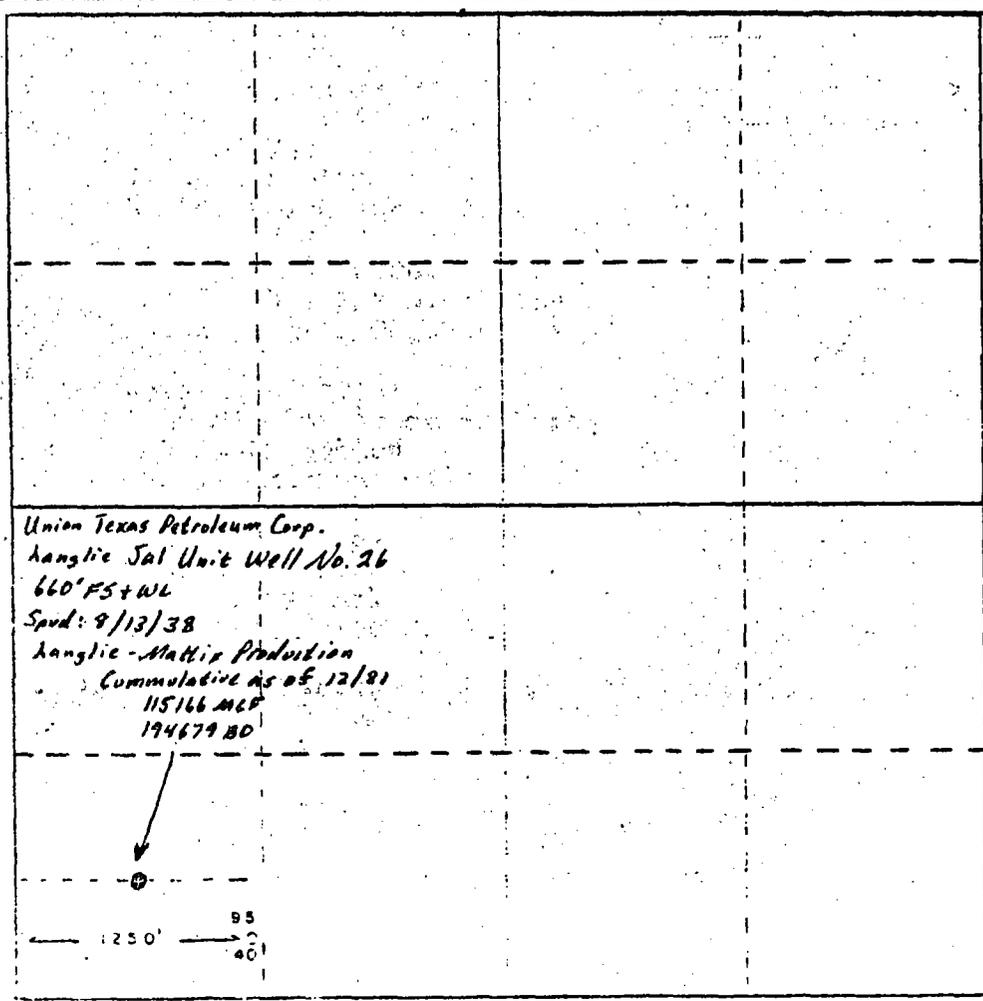
Ground Level Elev.: **3234.6** Producing Formation: **Seven Rivers Queen** Foot: **Langlie Mattix (Queen)** Dedicated Acreage: **20** Acres

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?

Yes No If answer is "yes," type of consolidation _____

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

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

Richard Atchley
Name

Richard Atchley
Position

Prod. Services Supr.
Company

Union Texas Pet. Corp.
Date

June 1, 1982

I hereby certify that the well location shown on this plat was plotted 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.

Date Surveyed
May 22, 1982

Registered Professional Engineer and/or Land Surveyor

Wm. E. Shaw
Certificate No.

2189

DED PLAT 7-6-82

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-122
Supersedes C-122
Effective 10-85

All distances must be from the outer boundaries of the Section

RECEIVED
JAN 19 1982
95

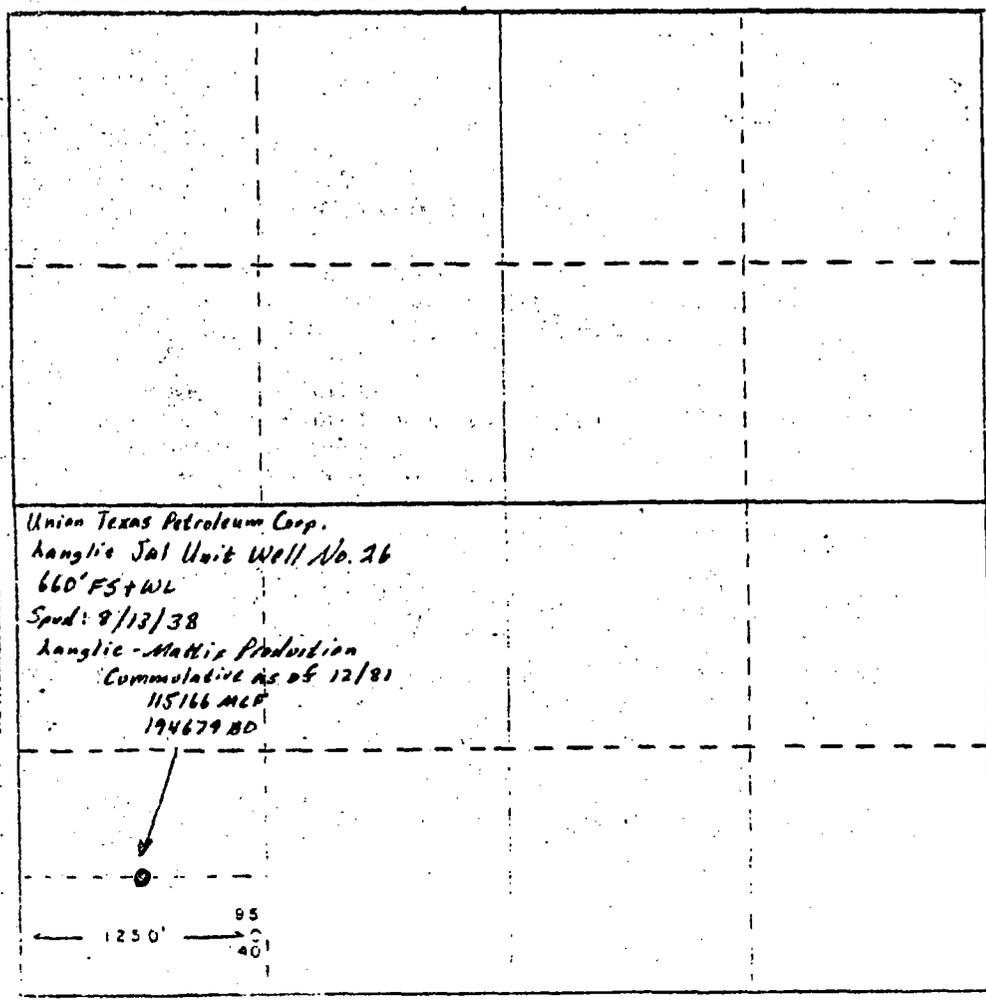
Operator Union Texas Petroleum Corp.		Lease Langlie-Jal Unit		Date JAN 19 1982	
Unit Letter N	Section 32	Township 24-S	Range 37-E	County Lea	
Actual Surface Location of Well: XXX 140 feet from the South line and 1250 feet from the West line					
Ground Level Elev. 3234.6	Producing Formation Seven Rivers Queen		Foot Langlie Mattix (Queen)	Dedicated Acreage: 20 Acres	

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?

Yes No If answer is "yes," type of consolidation _____

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

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

Richard Atchley
Name

Richard Atchley

Position
Prod. Services Supr.

Company
Union Texas Pet. Corp.

Date
June 1, 1982

I hereby certify that the well location shown on this plat was plotted 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.

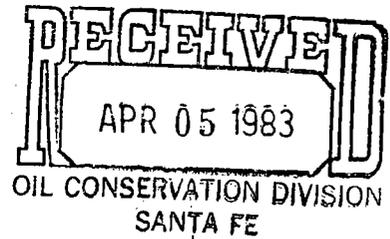
Date Surveyed
May 22, 1982

Registered Professional Engineer and/or Land Surveyor

W. E. Lewis
Signature

**Union Texas
Petroleum**

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



March 25, 1983

*This goes into
NFL-101's file.*

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 95
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 will enable you to place our application in line for proper hearing procedures.

Yours truly,

UNION TEXAS PETROLEUM CORPORATION

Maria L. Estruch
Maria L. Estruch
Natural Gas Operations

MLE:bm

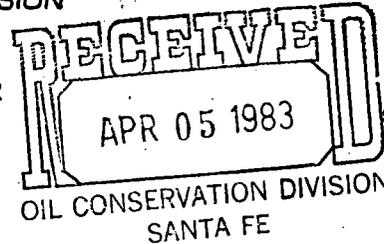
Encl.



BRUCE KING
GOVERNOR

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

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.

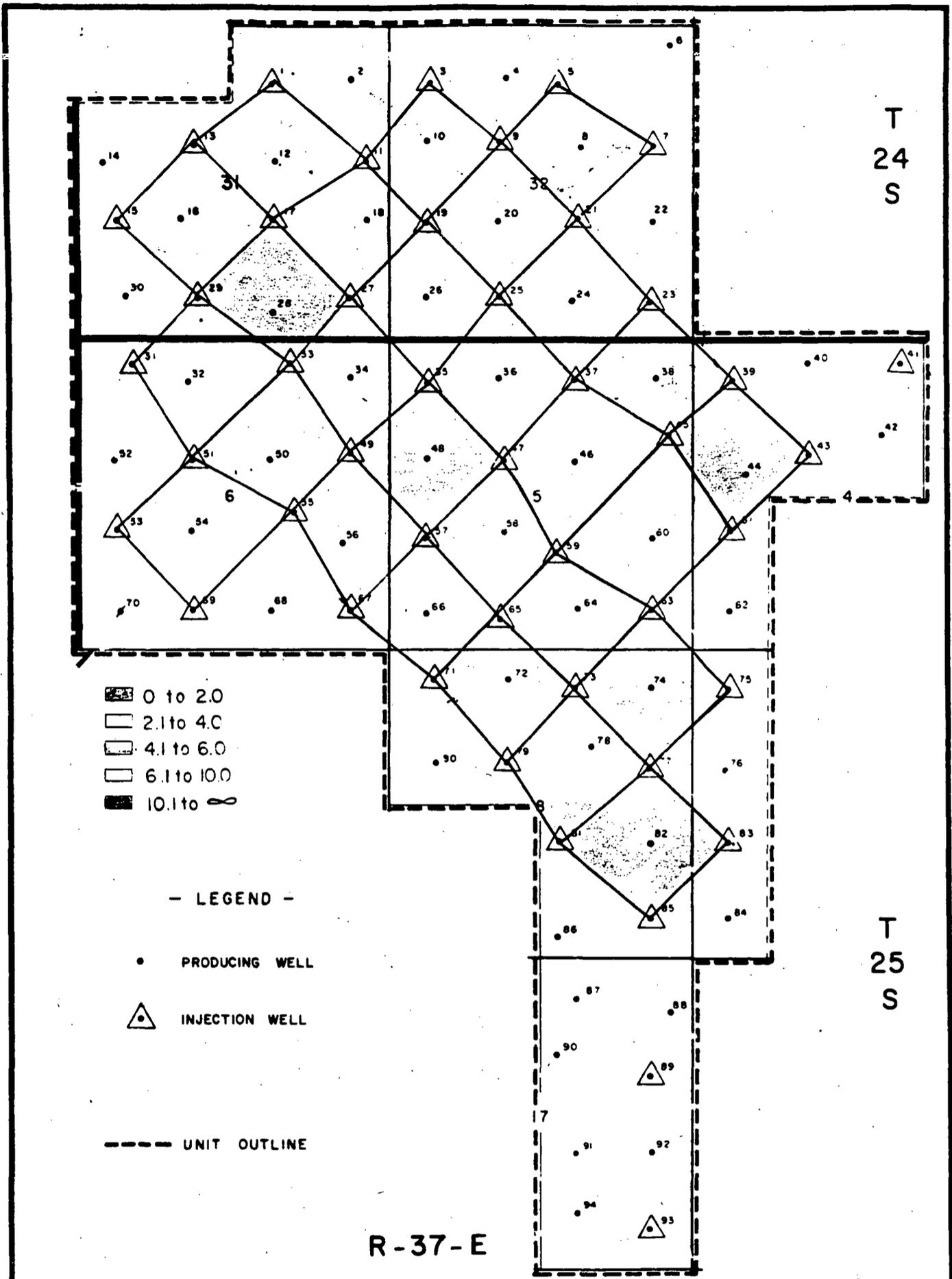
By authority granted me under the provisions of Rule 104 F of the Division Rules and Regulations, the above-described unorthodox location is hereby approved.

Sincerely,

JOE D. RAMEY,
Director

JDR/RLS/dr

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



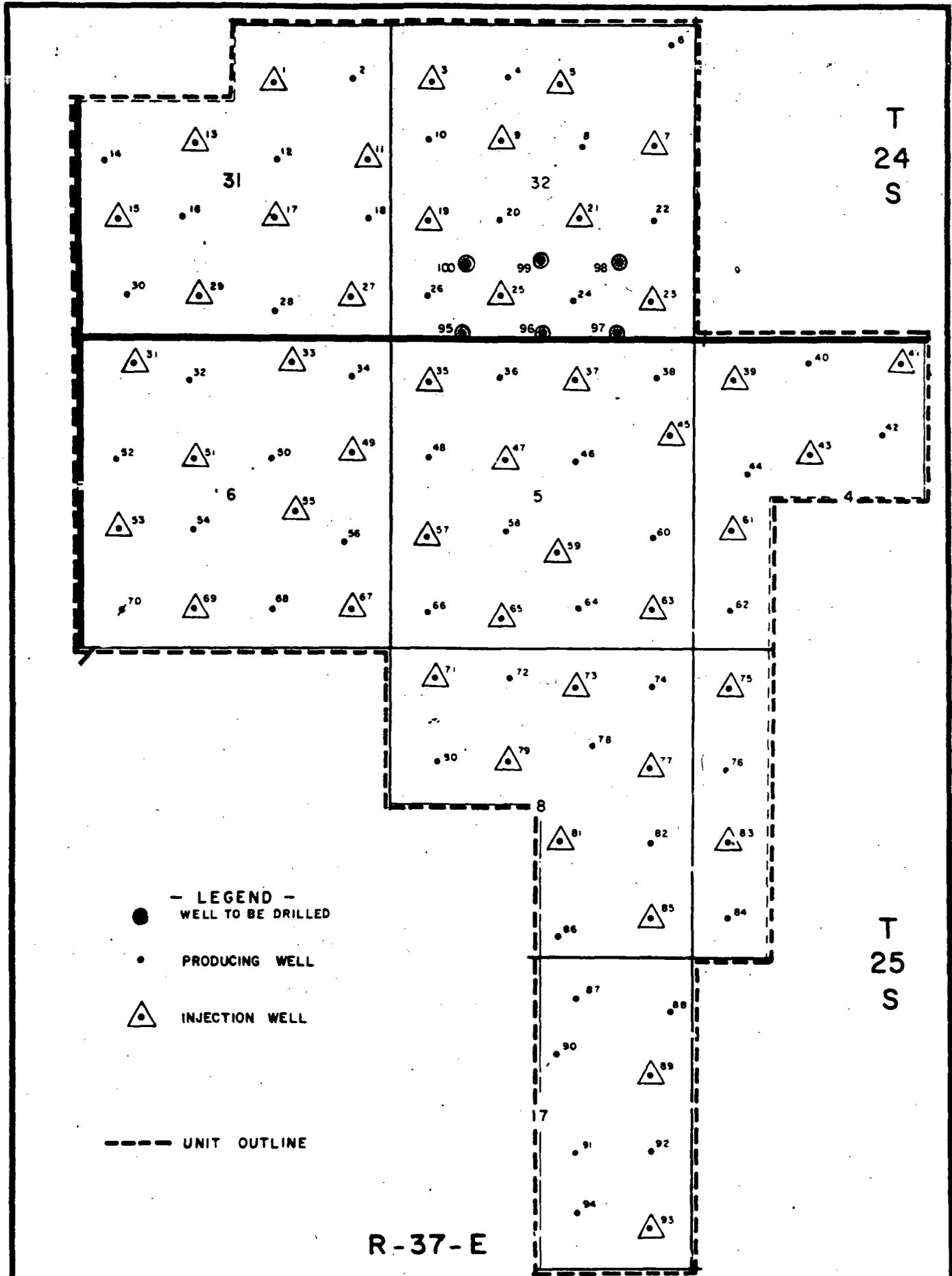
UNION TEXAS PETROLEUM
 A DIVISION OF ALLIED CHEMICAL CORPORATION

LANGLIE - JAL UNIT
 LEA COUNTY, NEW MEXICO

WATER INJECTED
TOTAL FLUID PRODUCED

SCALE IN FEET
 0 2000 4000

S M F S W E S T D I V I S I O N 2 / 2 4 / 8 2



- LEGEND -**
- WELL TO BE DRILLED
 - PRODUCING WELL
 - △ INJECTION WELL

--- UNIT OUTLINE

R-37-E



UNION TEXAS PETROLEUM
A DIVISION OF ALLIED CHEMICAL CORPORATION

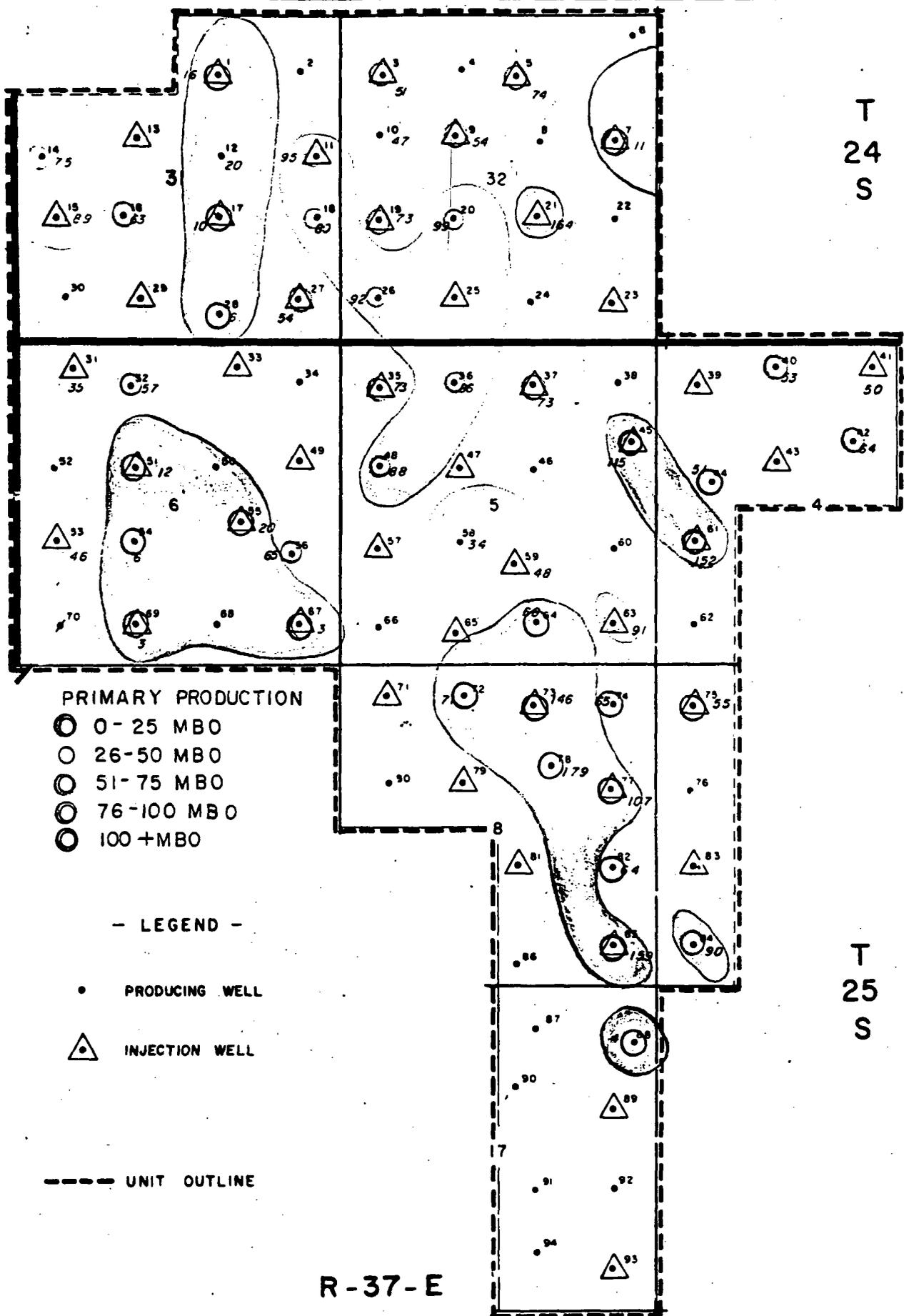
LANGLIE - JAL UNIT
LEA COUNTY, NEW MEXICO

INFIELD WELL LOCATIONS

SCALE IN FEET

2000 0 2000 4000

S M F S W I T H D I V I S I O N 2 / 2 4 / 8 2



UNION TEXAS PETROLEUM
A DIVISION OF ALLIED CHEMICAL CORPORATION

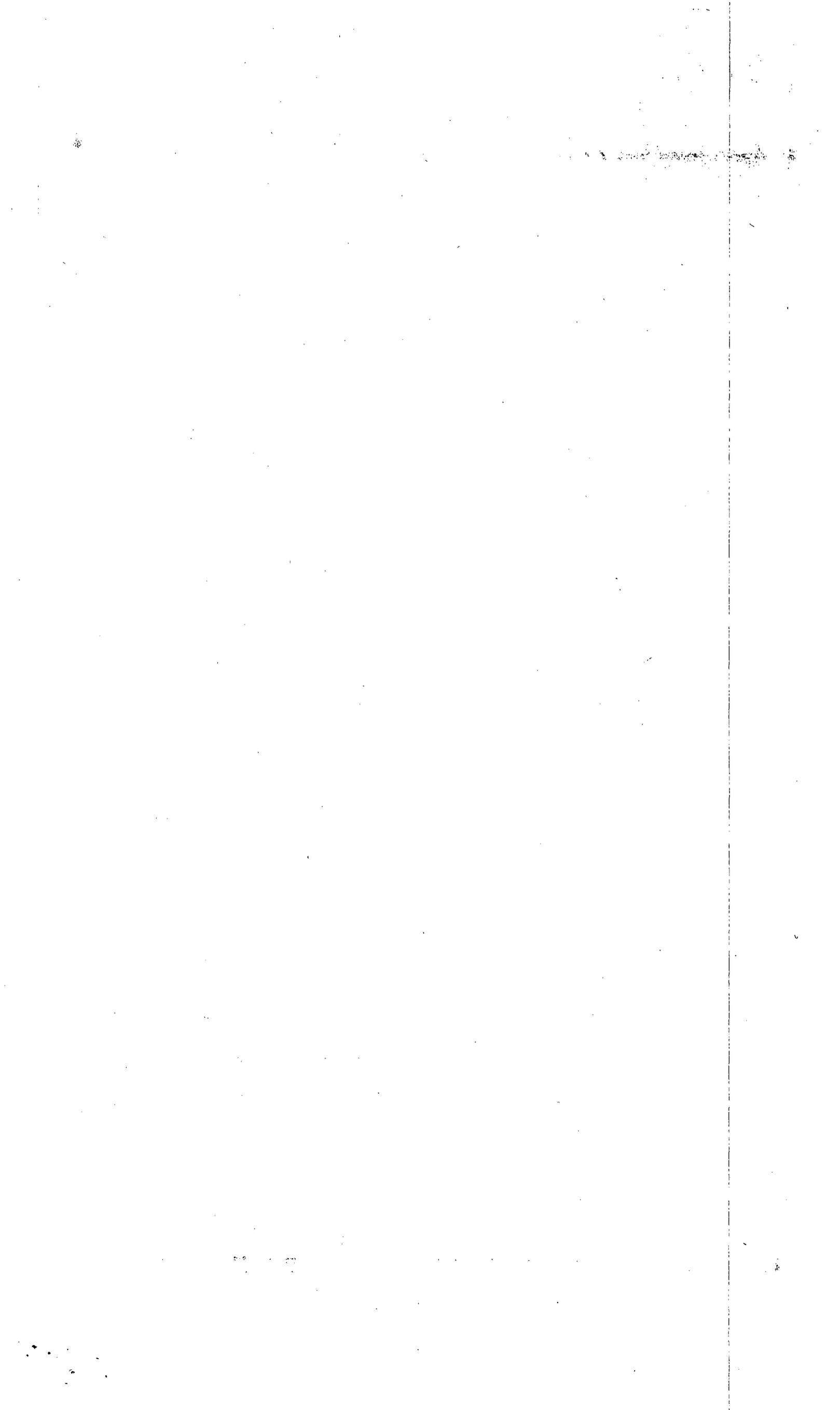
LANGLIE-JAL UNIT
LEA COUNTY, NEW MEXICO

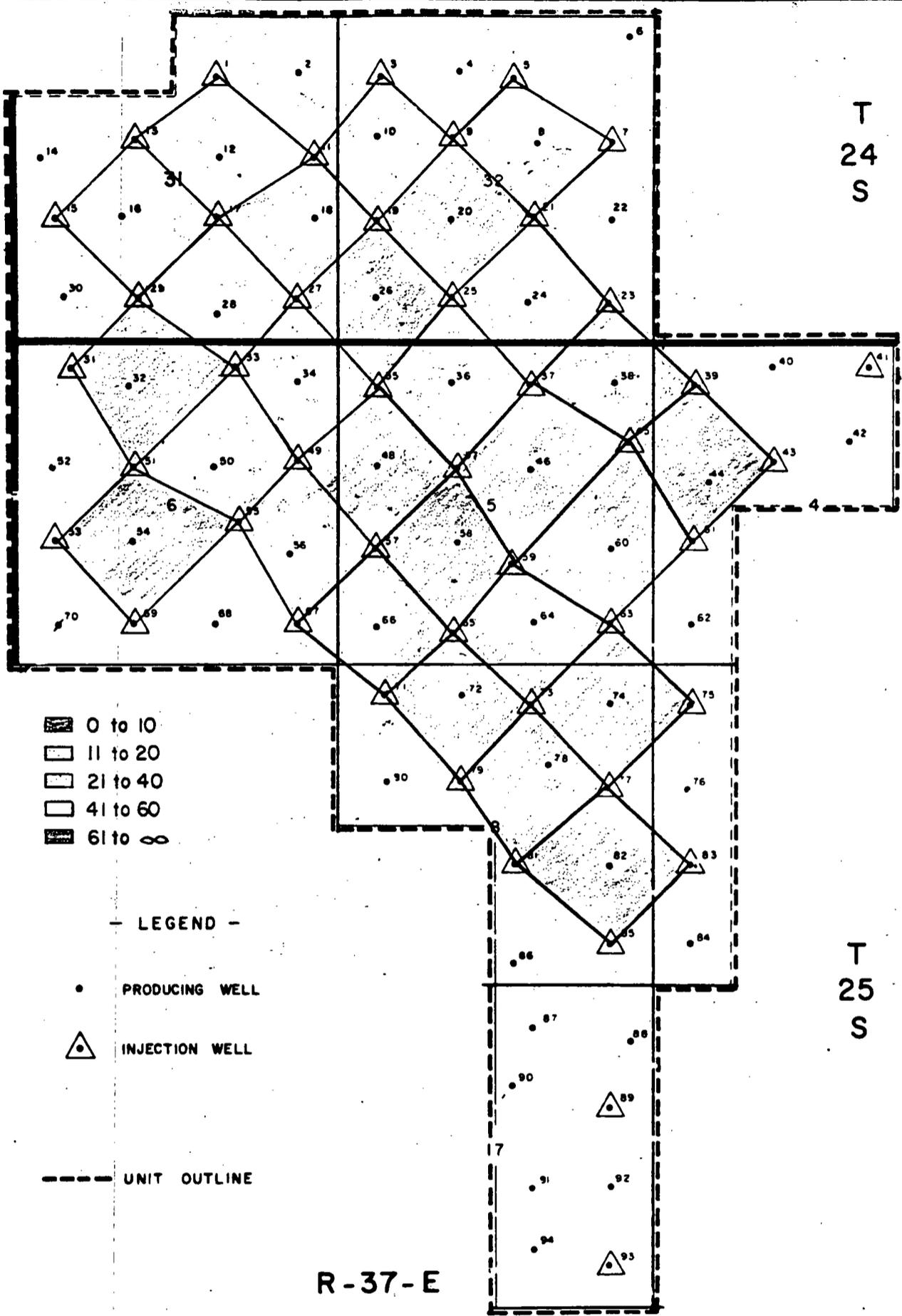
PRIMARY PRODUCTION

SCALE IN FEET

2000 0 2000 4000

S.M.F. SOUTHWEST DIVISION 2/24/62





UNION TEXAS PETROLEUM
 A DIVISION OF ALLIED CHEMICAL CORPORATION

LANGLIE - JAL UNIT
 LEA COUNTY, NEW MEXICO

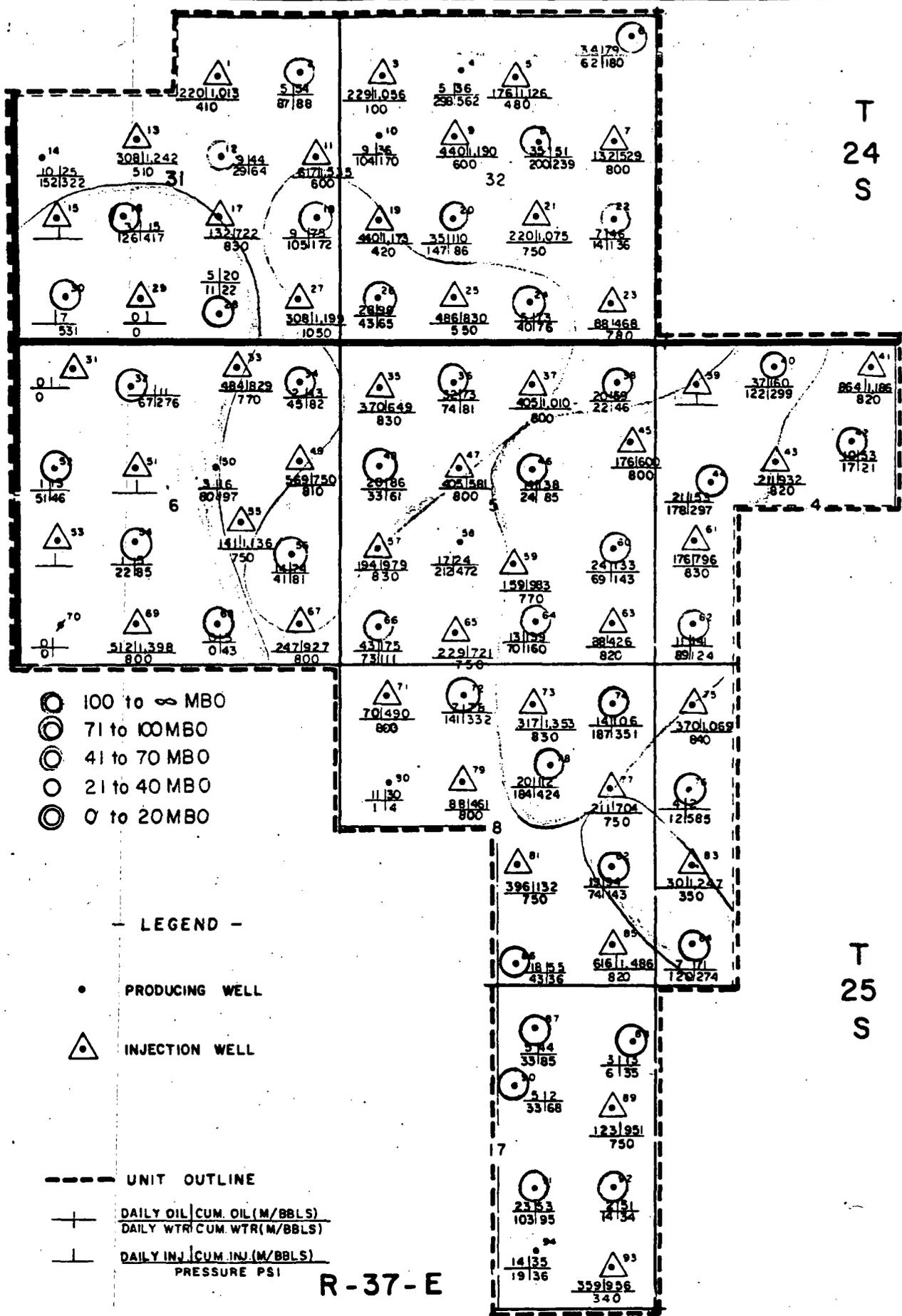
WATER INJECTED / OIL PRODUCED

SCALE IN FEET

2000 0 2000 4000

S. M. F. SOUTHWEST DIVISION 2/24/82





R-37-E

UNION TEXAS PETROLEUM
A DIVISION OF ALLIED CHEMICAL CORPORATION

LANGLIE - JAL UNIT
LEA COUNTY, NEW MEXICO

SECONDARY RECOVERY
Well Test Data
Month: July 81

SCALE IN FEET
2000 0 2000 4000

S.M.F. SOUTHWEST DIVISION 2/24/82

RECEIVED
APR 05 1983
UNION CONSERVATION DIVISION

All distances must be from the outer boundaries of the section.

Operator Union Texas Petroleum Corp.		Lessee Langlie-Jal		
Unit Letter H	Section 32	Township 24-S	Range 37-E	County SANTA FE

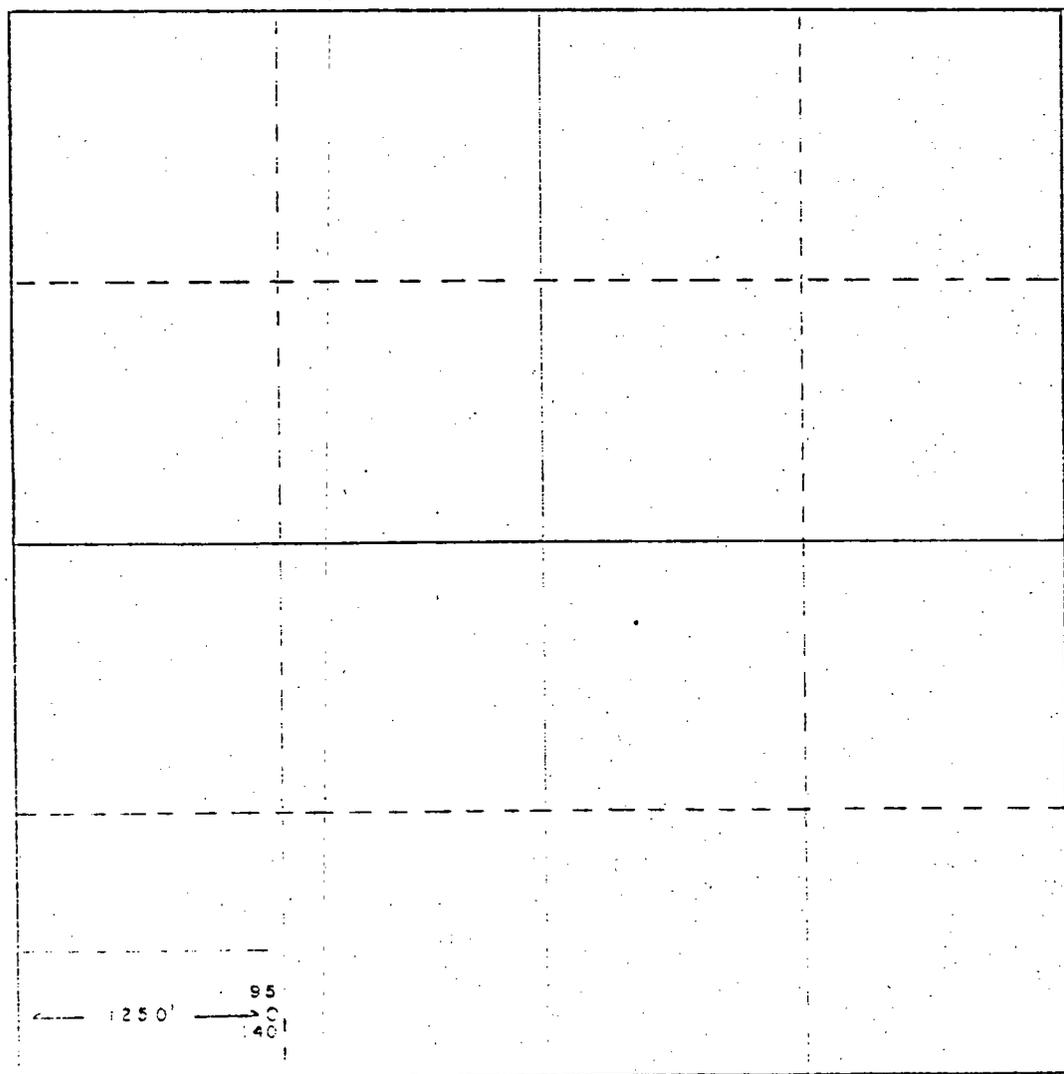
Actual Well Location of Well: XXXX 140 feet from the South line and 1250 feet from the West line				
Ground Level Elevation 3234.6	Producing Formation Seven Rivers Queen	Pool Langlie Mattix (Queen)	Dedicated Acreage: 20 Acres	

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?

Yes No If answer is "yes," type of consolidation _____

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

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

Richard Atchley
Name
Richard Atchley

Position
Prod. Services Supr.

Company
Union Texas Pet. Corp.

Date
June 1, 1982

I hereby certify that the well location shown on this plat was plotted 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.

Date Surveyed
May 22, 1982

Registered Professional Engineer and/or Land Surveyor
Mark E. Linn