

NSL 3/11/98

see Cheo #1.



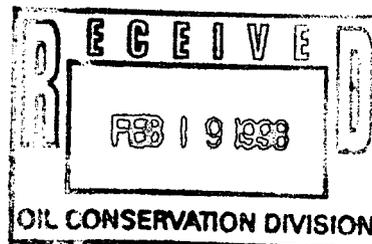
**Chevron**

February 18, 1998

**Chevron U.S.A. Production Company**  
P.O. Box 1150  
Midland, TX 79702

**Administrative Application For Unorthodox  
Oil Well Location  
Chevron USA Production Co.  
Scott "E" Federal #1 - Re-entry and Sidetrack  
1148' FSL and 775' FWL  
Section 28, T-18-S, R-32-E  
North Lusk Strawn Pool  
Lea County, New Mexico**

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State of New Mexico  
Energy, Minerals & Natural Resources Dept.  
Oil Conservation Division  
2040 South Pacheco  
Santa Fe, New Mexico 87504

**Via Overnight Mail**

Attn.: Ms. Kathleen Garland - Acting Director

Dear Ms. Garland:

Chevron USA respectfully requests your approval of this administrative application for the subject Unorthodox Oil Well Location in the North Lusk Strawn Pool.

Chevron proposes to re-enter the Scott "E" Federal #1 (Scott #1) at a non-standard location and test the Strawn at a depth of about 12,000'. The Scott #1 was originally staked at 1980' FSL 1980' FWL section 28-T18S-R32E and was drilled to 13,100' by Gulf Oil Company, testing the Morrow Formation in July, 1981. The Morrow was non-productive and the well was completed in the Querecho Plains Bone Spring Pool. Gulf was acquired by Chevron and Chevron sold the well to Harvey Yates Co., who subsequently sold the well to Smith and Marrs, Inc. The 5 1/2" casing was pulled and the Scott #1 was plugged and abandoned by Smith and Marrs in August, 1993. The well was resurveyed in January, 1998 and its actual location was found at 1148' FSL and 775' FWL section 28-T18S-R32E. This location has been confirmed by two different surveying companies and both plats are attached.

The re-entry objective for the Scott #1 is a Strawn mound that was penetrated by the Scott #1 from 11,600' to 11,835' but was not tested. A sidetrack is planned for the re-entry of the

Scott #1 in order to avoid the casing stub at 7667'. The kick-off point will be the cement plug on top of the casing stub at 7537'. The proposed bottom hole target for the sidetrack is a rectangle: 100' N 100' S 100'-200' E of the surface location. An easterly sidetrack direction was chosen: 1) to avoid encountering the original 5 1/2" casing between 7667' and 9000' and 2) because Strawn mounds can have enhanced porosity development on their eastern flanks.

The North Lusk Strawn Pool was created in 1997 with the completion of the Chevron Spear Federal #1 and is developed on 40 acre spacing. Chevron operated leases surround the proposed re-entry in all directions except southwest. Santa Fe Energy operates the lease to the southwest and they have been notified of the non-standard proposal. By virtue of being 1148' FSL, the non-standard location for the Scott #1 will not encroach on Santa Fe's lease.

In addition to the survey plats, attachments include: top Strawn structure map, Strawn mound isopach map, land ownership map, wellbore diagram, and notification letter sent to the offset operator. If you have any questions or require any further information concerning this application, please contact me at (915) 687-7114.

Sincerely,

*Dave Rittersbacher*

Dave Rittersbacher  
Geologist - New Mexico Area

djr  
Attachments

cc: NMOCD -- Hobbs, NM  
Heyco - Attn: Frank Messa  
D. J. Rittersbacher  
L. V. Trautman  
G. W. Tullos  
J. E. Baca  
M. F. Cohlma  
Central Files

*ritt@chevron.com*

District I  
 PO Box 1980, Hobbs, NM 88241-1980  
 District II  
 PO Drawer DD, Artesia, NM 88211-0719  
 District III  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV  
 PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
 Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
 PO Box 2088  
 Santa Fe, NM 87504-2088

Form C-102  
 Revised February 21, 1994  
 Instructions on back  
 Submit to Appropriate District Office  
 State Lease - 4 Copies  
 Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number		<sup>2</sup> Pool Code		<sup>3</sup> Pool Name	
<sup>4</sup> Property Code		<sup>5</sup> Property Name SCOTT E. FEDERAL COM.			<sup>6</sup> Well Number 1
<sup>7</sup> OGRID No.		<sup>8</sup> Operator Name CHEVRON U.S.A., INC.			<sup>9</sup> Elevation 3719'

<sup>10</sup>Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	28	18-S	32-E		1148	SOUTH	774	WEST	LEA

<sup>11</sup>Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<sup>16</sup> 	<sup>17</sup> OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>	
	Signature _____ Printed Name _____ Title _____ Date _____	
<sup>18</sup> SURVEYOR CERTIFICATION <i>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 best of my belief.</i>	FEBRUARY 2, 1998 Date of Survey	
	Signature and Seal of Certificate Number 8278	

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II  
P.O. Drawer 80, Artesia, NM 88211-0719

DISTRICT III  
1000 Rio Brazos Rd., Artesia, NM 87410

DISTRICT IV  
P.O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised February 10, 1994  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name SCOTT "E" FEDERAL	Well Number 1
OGRID No.	Operator Name CHEVRON U.S.A. PRODUCTION COMPANY	Elevation 3718

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	28	18 S	32 E		1148	SOUTH	775	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>NAD 27 NME Y=624018.89 N X=671151.55 E</p>	<p><b>OPERATOR CERTIFICATION</b></p> <p><i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p>Signature _____</p> <p>Printed Name _____</p> <p>Title _____</p> <p>Date _____</p>
	<p><b>SURVEYOR CERTIFICATION</b></p> <p><i>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 belief.</i></p> <p>JANUARY 20, 1998</p> <p>Date Surveyed _____ JLP</p> <p>Signature &amp; Seal of Professional Surveyor            W.O. Num 98-10-0086</p> <p>Certificate No. RONALD E. EDSON, 3239          RONALD E. EDSON, 12641          WILSON McDONALD, 12185</p>

# WELL DATA SHEET

**FIELD:** Lusk Morrow North

**WELL NAME:** Scott "E" Federal #1

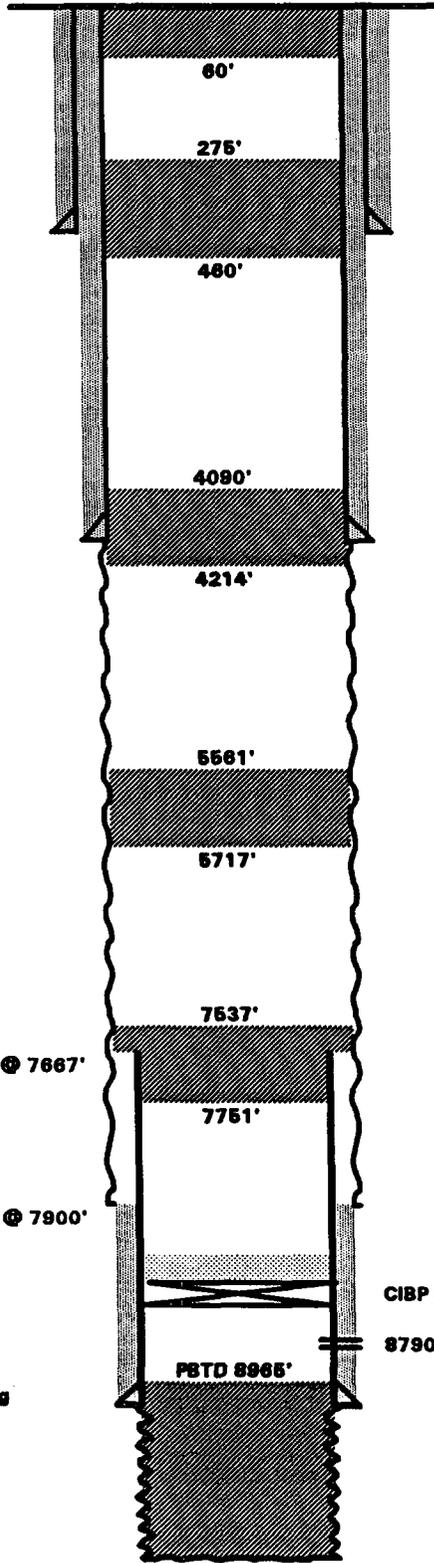
**FORMATION:**

**LOC:** 1980' FSL & 1980' FWL  
**TOWNSHIP:** 18S  
**RANGE:** 32E

**SEC:** 28  
**COUNTY:** Lea  
**STATE:** NM

**GL:** 3710'  
**KB to GL:** 16.5'  
**DF to GL:**

**CURRENT STATUS:** P&A  
**API NO:** 30-025-27442  
**REFNO:**



11 3/4", 42#, H-40 Csg  
 Set @ 416' w/400 sx cmt.  
 Circulated to surface.

8 5/8", 28#, S-80 Csg  
 Set @ 4158' w/1700 sx cmt.  
 Circulated to surface.

5 1/2" csg out @ 7667'

TOC @ 7900'

5 1/2", 17#, N-80 & K-55 Csg  
 Set @ 9000' w/225 sx cmt.  
 TOC @ 7900' by TS

TD 13,100'

**Data Completed:**  
**Initial Formation:**

7/13/81

100 sx cmt plugs @ 12,900'-13,100', 12,150'-12,350',  
 10,150'-10,350'. 200 sx cmt plug @ 8,720-9,000'. DO cmt  
 8,720'-9,000'. Run 5 1/2" csg.

9/23/81

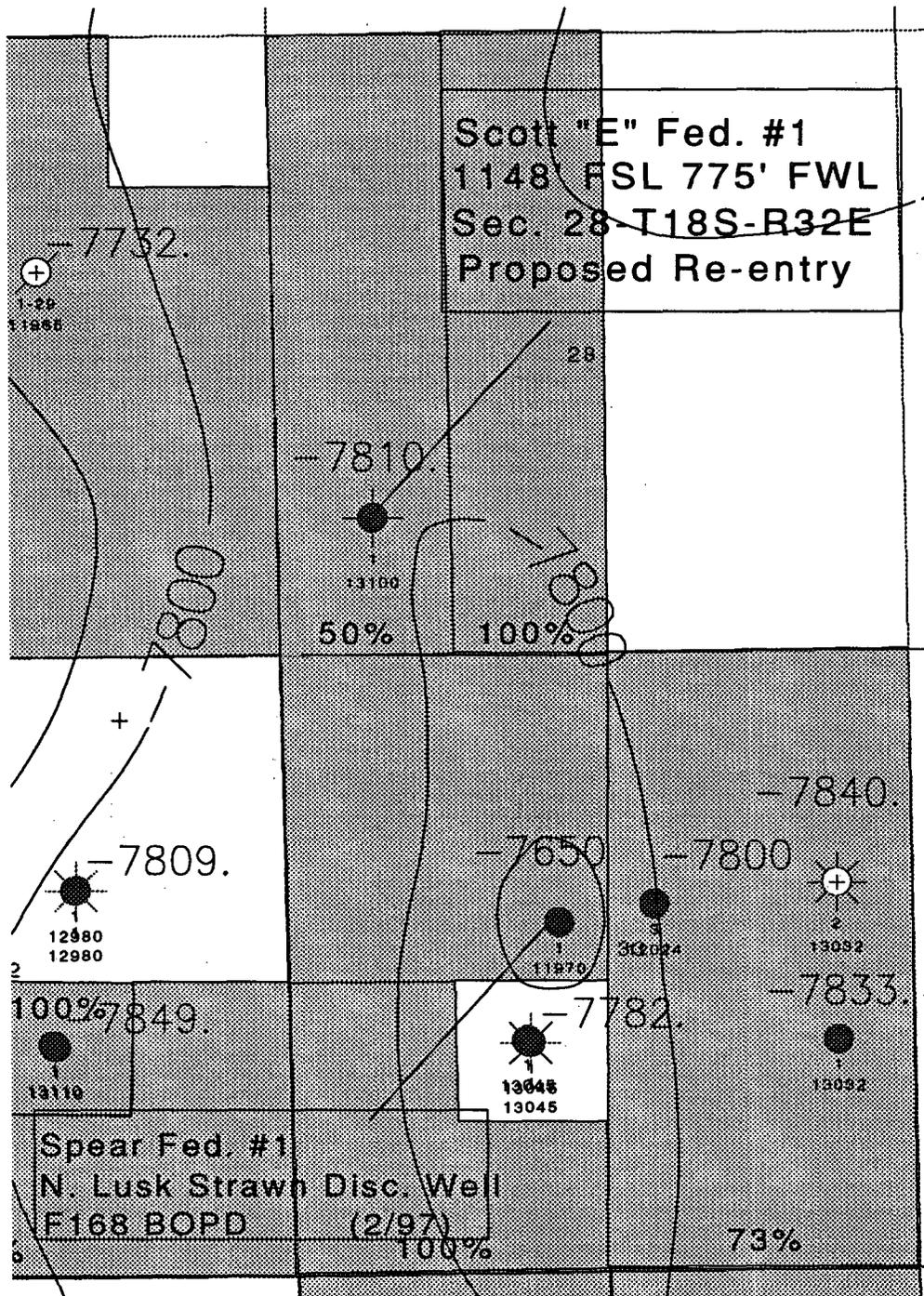
Perf Bone Spring from 8,790'-8,900' w/2 JHPF. Acdz w/3 bbl  
 20% acid.

9/93

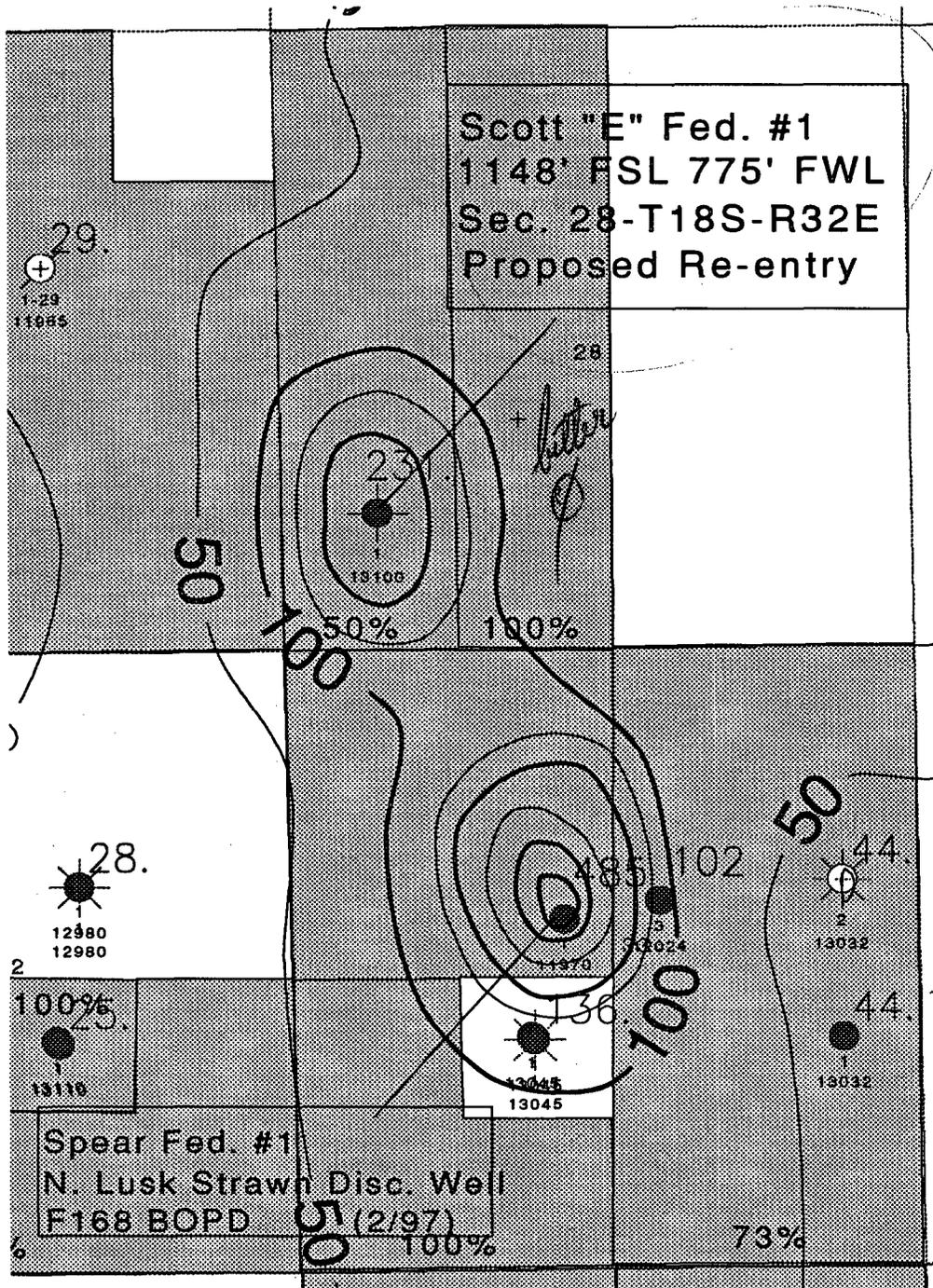
Set CIBP @ 8730', cap w/50' cmt. Cmt plug @ 7751'-7537'  
 w/50 sx. Pulled 7667' of 5 1/2" csg. Cmt plugs @ 5717'-  
 5561' w/40 sx, 4214'-4090' w/65 sx, 460'-275' w/50 sx, and  
 60' to surface w/15 sx.

CIBP @ 8730' capped w/50' cmt.

8790'-8900' Bone Spring perfs



CHEVRON USA		
North Lusk Structure Map - Top Strawn Wells > 11,000' TD		
D. Rittersbacher	C.I. = 100'	2/5/98
Scale 1:18000.		



CHEVRON USA		
North Lusk Isopach Map Clean Limestone - Strawn Pay Zone		
D. Rittersbacher	C.I. = 50'	2/5/98
GR <= 50 API	Scale 1:18000.	TD > 11,000'





February 18, 1998

**Chevron U.S.A. Production Company**  
P.O. Box 1150  
Midland, TX 79702

**Administrative Application For Unorthodox  
Oil Well Location  
Chevron USA Production Co.  
Scott "E" Federal #1 - Re-entry and Sidetrack  
1148' FSL and 775' FWL  
Section 28, T-18-S, R-32-E  
North Lusk Strawn Pool  
Lea County, New Mexico**

**Meg Muhlinghause  
Santa Fe Energy Resources Inc.  
550 W. Texas, Suite 1330  
Midland, TX 79701**

**Via Registered Mail**

**Dear Ms. Muhlinghause:**

**Chevron USA respectfully notifies you of our administrative application, filed with the New Mexico Oil Conservation Division, for the subject Unorthodox Oil Well Location in the North Lusk Strawn Pool.**

**Chevron proposes to re-enter the Scott "E" Federal #1 (Scott #1) at a non-standard location and test the Strawn at a depth of about 12,000'. The Scott #1 was originally staked at 1980' FSL 1980' FWL section 28-T18S-R32E and was drilled to 13,100' by Gulf Oil Company, testing the Morrow Formation in July, 1981. The Morrow was non-productive and the well was completed in the Querecho Plains Bone Spring Pool. Gulf was acquired by Chevron and Chevron sold the well to Harvey Yates Co., who subsequently sold the well to Smith and Marrs, Inc. The 5 1/2" casing was pulled and the Scott #1 was plugged and abandoned by Smith and Marrs in August, 1993. The well was resurveyed in January, 1998 and it's actual location was found at 1148' FSL and 775' FWL section 28-T18S-R32E.**

**A sidetrack is planned for the re-entry of the Scott #1 in order to avoid the casing stub at 7667'. The proposed bottom hole target for the sidetrack is a rectangle: 100' N 100' S 100'-200' E of the surface location.**

**The North Lusk Strawn Pool is developed on 40 acre spacing. Chevron operated leases surround the proposed re-entry in all directions except southwest. Santa Fe Energy operates**

the lease to the southwest. By virtue of being 1148' FSL, the non-standard location for the Scott #1 will not encroach on Santa Fe's lease.

If you have any questions or require any further information concerning this application, please contact me at (915) 687-7114.

Sincerely,

A handwritten signature in cursive script that reads "Dave Rittersbacher". The signature is written in black ink and is positioned above the typed name.

**Dave Rittersbacher**  
**Geologist - New Mexico Area**

RD -3/11/98



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
HOBBS DISTRICT OFFICE

2/23/98

POST OFFICE BOX 1980  
HOBBS, NEW MEXICO 88241-1980  
(505) 393-6161

GOVERNOR

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

RE: Proposed:

- MC \_\_\_\_\_
- DHC \_\_\_\_\_
- NSL   X     sidetrack
- NSP \_\_\_\_\_
- SWD \_\_\_\_\_
- WFX \_\_\_\_\_
- PMX \_\_\_\_\_

Gentlemen:

I have examined the application for the:

Chevron USA Inc Scott E Federal #1-K-28-18-32  
 Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

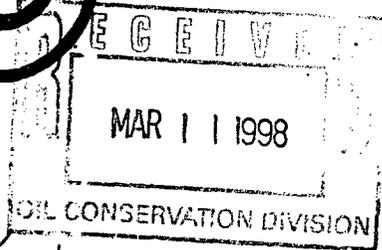
Need to submit map showing project area, with  
producing interval, kick off point, Bottom hole location  
and letters to offset.

Yours very truly,

Chris Williams  
Supervisor, District 1

/ed

To... Mike... Stegner.....



From

DANNA

3/9/98

**Energy & Minerals Department**

**OIL CONSERVATION DIVISION**

**P O Box 1980  
Hobbs NM 88241**

**Telephone Number** (505) 393-6161

- |   |   |
|---|---|
| <input type="checkbox"/> For Your Files                 | <input type="checkbox"/> Prepare a Reply for My Signature |
| <input type="checkbox"/> For Your Review and Return     | <input type="checkbox"/> For Your Information             |
| <input type="checkbox"/> For Your Handling              | <input type="checkbox"/> For Your Approval                |
| <input checked="" type="checkbox"/> As Per Your Request | <input type="checkbox"/> For Your Signature               |
| <input type="checkbox"/> Please Advise                  | <input type="checkbox"/> For Your Attention               |

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**N.M. Oil Con.**  
**P. 1980**  
**Hobbs, NM 88241**

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT-" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of well  
 Oil     Gas     Other

2. Name of Operator  
**CHEVRON U.S.A. INC.**

3. Address and Telephone No.  
**P. O. Box 1150, Midland, TX 79702    (915)687-7148**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**1980' FSL & 1980' FWL    UNIT K**  
**SEC. 28, T18S, R32E**

5. Lease Designation and Serial No.  
**NM-92770**

6. If Indian, Allottee or Tribe Name  
**N/A**

7. If Unit or CA, Agreement Designation  
**N/A**

8. Well Name and No.  
**SCOTT "E" FEDERAL #1**

9. API Well No.  
**30-025-27442**

10. Field and Pool, or Exploratory Area  
**WILDCAT STRAWN**

11. County or Parish, State  
**LEA, NM**

**CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

12	TYPE OF SUBMISSION	TYPE OF ACTION
	<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
	<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
	<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
		<input type="checkbox"/> Casing Repair
		<input type="checkbox"/> Altering Casing
		<input checked="" type="checkbox"/> Other EXTENSION
		<input type="checkbox"/> Change of Plans
		<input type="checkbox"/> New Construction
		<input type="checkbox"/> Non-Routine Fracturing
		<input type="checkbox"/> Water Shut-Off
		<input type="checkbox"/> Conversion to Injection
		<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimate date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

**CHEVRON U.S.A., INC. HEREBY REQUESTS AN EXTENSION OF THE APPROVED APD FOR A PERIOD OF ONE YEAR.**

APPROVED FOR 12 MONTH PERIOD  
DEC 10 1997

14. I hereby certify that the foregoing is true and correct

Signed *J. K. Ripley* Title T. A. Date 11/25/97

(This space for Federal or State office use)  
 Approved by DAVID & GLASS Title ATTORNEY AT LAW Date DEC 08 1997

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

11-4-96

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK  
 DRILL  DEEPEN

b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER RE-ENTRY SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
 CHEVRON U.S.A. INC. ATTN: J. K. Ripley

3. ADDRESS AND TELEPHONE NO.  
 P. O. BOX 1150, MIDLAND, TX 79702 915-687-7826

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
 At surface 1980' FSL & 1980' FWL UNIT K  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 15 MILES SOUTH OF MALJAMAR, NM

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.  
 (Also to nearest drtg. unit line, if any) 1980'

16. NO. OF ACRES IN LEASE 320

17. NO. OF ACRES ASSIGNED TO THIS WELL 40

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 4 MILES

19. PROPOSED DEPTH 12,200'

20. ROTARY OR CABLE TOOLS  
 ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, ect.)  
 3710'

22. APPROX. DATE WORK WILL START\*  
 11/20/96 \*\*\*\*

PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
7-7/8"	5-1/2"	17#	12,200'	INT CSG SHOE

CHEVRON USA PROPOSES TO REENTER, CLEAN OUT CMT PLUGS TO 7500', SIDETRACK 5-1/2" CSG STUB @ 7667' AND DRILL TO APPROXIMATELY 12,200'. THE BHL TARGET IS 1980' FSL & 1980' FWL. A GYRO SURVEY WILL BE RUN TO DETERMINE IF A DIRECTIONAL MOTOR RUN IS NECESSARY DURING THE INITIAL SIDETRACK OR LATER WHILE DRILLING. IF WELL IS DEEMED TO ADHERE TO NON-COMMERCIAL, THE WELLBORE WILL BE PLUGGED AND ABANDONED PER FEDERAL REGULATIONS. PROGRAMS TO ADHERE TO ONSHORE OIL AND GAS REGULATIONS ARE OUTLINED IN THE ATTACHMENTS. THERE WILL BE NO NEW SURFACE DISTURBANCE, EXISTING PAD WILL BE USED.

OPER. GRID NO. 4323  
 PROPERTY NO. 20093  
 POOL CODE 12/24/96  
 EFF DATE 12/24/96  
 API NO. 30-025-27442

\*\*\*\*PLEASE EXPEDITE\*\*\*\*

(not adequate choke size)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new production zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24 SIGNED J. K. Ripley TITLE TECHNICAL ASSISTANT DATE 10/23/96

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:  
 APPROVED BY JOHN S. BOGGS TITLE MINERALS DATE 10/23/96

\*See Instructions On Reverse Side  
 Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED  
 OCT 31 1996  
 BUREAU OF LAND MANAGEMENT  
 DATE 10/23/96

96 NOV 14 01 5 AM  
 RECEIVED

District I  
 PO Box 1900, Hobbs, NM 88241-1900  
 District II  
 PO Drawer DD, Artesia, NM 88211-0719  
 District III  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV  
 PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
 Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
 PO Box 2088  
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 Revised February 10, 1994  
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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-27442		Pool Code ✓	Pool Name WILDCAT STRAWN
Property Code 20093	Property Name SCOTT "E" FEDERAL		Well Number 1
OGRID No. 4323	Operator Name CHEVRON U.S.A., INC.		Elevation 3710' GL

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South Line	Feet from the	East/West Line	County
K	28	18S	32E		1980	SOUTH	1980	WEST	LEA

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South Line	Feet from the	East/West Line	County

<sup>12</sup> Dedication Acres 40	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
--------------------------------------	-------------------------------	----------------------------------	-------------------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16				<sup>17</sup> OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i>   Signature J. K. RIPLEY Printed Name T.A. Title 10/22/96 Date
				<sup>18</sup> SURVEYOR CERTIFICATION <i>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 belief.</i>  Date of Survey Signature and Seal of Professional Surveyor:  Certificate Number

## REENTRY/SIDETRACK DRILLING PROGRAM

Attached to Form 3160-3  
Chevron U.S.A. Inc.  
Scott "E" Federal #1  
1980' FSL & 1980' FWL  
Section 28, T18S, R32E  
Lea County, New Mexico

1. Geological Name of Surface Formation:

Aeolian

2. Estimated Tops Of Important Geological Markers:

Rustler	1124'	Grayburg	4283'
Top of Salt	1250'	San Andres	4743'
Base of Salt	2496'	Delaware	4983'
Yates	2768'	Bone Spring	6949'
Seven Rivers	3181'	Wolfcamp	10,282'
Queen	3803'	Strawn	11,537'
Penrose	4046'	TD	12,200'

3. Protection of Zones:

The fresh water sands have been protected by setting 11-3/4" casing at 410' and circulating cement to surface. The salt section has been protected by setting 8-5/8" casing at 4164' and circulating cement to surface. The oil and gas zones will be isolated from other formations by setting 5-1/2" casing at TD and circulating cement to 200' above intermediate 8-5/8" casing shoe (3950').

4. Casing Program:

Casing Already in Place:

<u>Hole Size</u>	<u>Interval</u>	<u>Csg OD</u>	<u>Weight, Grade, Type</u>
14-3/4"	0-410'	11-3/4"	42#, H-40, ST&C
12-1/4"	0-4164'	8-5/8"	28#, 32#, K-55, ST&C
7-7/8"	7667-9000'	5-1/2"	17#, K-55, LT&C (Cut @ 7667' & Pulled)

Proposed Casing:

7-7/8"            0' - TD            5-1/2"            17#, K-55, LT&C

A kelly cock will be in the drill string at all times, during drilling operations.

A full opening drill pipe stabbing valve having the appropriate connections will be on the rig floor at all times.

Cement Program:

Casing Already in Place:

11-3/4" Surface Casing  
(14-3/4" open hole)

Cemented to surface using Class "C"  
+ 4% Gel + additives, followed by Class  
"C" + 2% CaCl<sub>2</sub>.

8-5/8" Intermediate Casing  
(12-1/4" open hole)

Cemented to surface using Class "C"  
+ 4% Gel + additives, followed by Class  
"C" neat.

Proposed Casing:

5-1/2" Production Casing  
(7-7/8" open hole)

To be cemented to intermediate casing  
shoe using Class "C" + 16% Gel +  
additives, followed by Class "H" + additives.

The above cement slurries will be designed using caliper logs when available to circulate cement to desired depth.

5. Minimum Specifications for Pressure Control:

The blowout preventor equipment (BOP) shown in attachment will consist of a (5M system) double ram type (5000 psi WP) preventor and annular preventor. The unit will be hydraulically operated and equipped with blind and pipe type rams. BOP's will be installed on the 8-5/8" intermed casing and will be utilized continuously until total depth is reached and production casing is in place and cemented. All BOP's and associated equipment will be tested to rated WP's before the side-tracking operation begins.

Pipe rams will be operated and checked each 24 hour period and each time the drill pipe is out of the hole. These function tests will be documented on the daily drillers log. A 2" kill line and 2" choke line will be incorporated in the drilling spool below the ram-type BOP. Other BOP equipment will include a kelly cock, floor safety valve, choke lines and choke manifold having 5000 psi WP rating.

6. Types and Characteristics of Proposed Mud System:

The well will be drilled to a total depth using fresh water, brine and polymer mud systems.

<u>DEPTH</u>	<u>TYPE</u>	<u>WEIGHT</u>	<u>VISCOSITY</u>	<u>WATER LOSS</u>
0'-7700' (Drill out cmt plugs and clean out to side track depth)	Fresh Water	8.8	34-36	No control

Side-tracking & drilling operation:

7700-10,200'	Cut Brine Water	8.8	28	No Control
10,200-11,300'	Cut Brine Water	9.6-9.8	28	No Control
11,300'-TD	Brine Water	9.8-10.2	32-34	<10CC

7. Logging, Testing and Coring Program:

- A. Drill stem tests will be based on geological sample shows (with one DST possible in both the Wolfcamp and Strawn).
- B. The open hole logging program will be:  
  
Comp. Neutron / Lithodensity Log/ Dual Lateral/ MSFL/ Digital Sonic/ FMI and Sidewall Cores.
- C. No conventional coring is planned.

8. Abnormal Pressures, Temperature and Potential Hazards:

No abnormal pressures or temperatures are foreseen. The anticipated bottom hole temperature at total depth is 165 degrees and maximum bottom hole pressure is 5000 psig. No hydrogen sulfide gas has been reported or is known to exist at these depths in this area. No major loss circulation intervals have been encountered in adjacent wells.

10. Anticipated Starting Date and Duration of Operations:

Road and location preparation will not be undertaken until approval has been received from the BLM. The anticipated reentry date is approximately November 20, 1996. The drilling operations should require approximately 20 days. If the well is deemed productive, completion operations will require, at minimum, an additional 30 days of testing to ascertain whether permanent production facilities will be constructed.

## SURFACE USE AND OPERATING PLAN

Attachment to Form 3160-3  
Chevron U.S.A. Inc.  
Scott "E" Federal #1  
1980' FSL & 1980' FWL  
Section 28, T18S, R32E  
Lea County, New Mexico

1. Existing Roads:

- A. The well site and elevation plat for the proposed Scott "E" Federal #1 are attached.
- B. Directions to location: Travel from Carlsbad, New Mexico east on highway 62/180, exit @ Hwy 243; travel north to the Zia Plant blacktop; from that intersection travel 7.9 miles on CR 126 to caliche road and the cattle guard on the east side of the road. Proceed 2.2 miles east; turn northeast, northwest, then north for a total of 1 mile; turn west for 3/4 mile; at Keel "A" Federal #1, turn north and travel 1.0 mile.

2. Existing access Road:

- A. The maximum width of the road is fifteen (15) feet.
- B. It is crowned and made of 6 inches of rolled and compacted caliche. Water will be deflected, as necessary, to avoid accumulation and prevent surface erosion.
- C. If any surface material is required, it will be native caliche. The material will be obtained from a BLM approved pit nearest in proximity to the location or from existing caliche under the location.
- D. No cattle guards, grates or fence cuts will be necessary.
- E. No turnouts are planned.

3. Location of Existing and/or Proposed facilities:

New production facilities will be built if the well is productive. A sundry notice will be sent to the BLM upon results of the completion. If the well is productive, rehabilitation plans are as follows:

1. The reserve pit will be back-filled after the contents of the pit are dry (within 120 days after completion, weather permitting).
2. Caliche from unused portions of the drill pad will be removed. The original topsoil from the well site will be returned to the location. The drill site will then be contoured to the original natural state.

4. Location and Type of Water Supply:

The Scott "E" Federal #1 will be drilled using a combination of Brine and fresh water mud systems (outlined in the Drilling Program). The water will be obtained from commercial water stations in the area and hauled to the location by transport truck. Additionally, produced salt water from the lease gathering tanks may be used. No water well will be drilled on the location.

5. Source of Construction Materials:

Any new caliche needed for the drilling pad and proposed access road will be obtained from an existing BLM approved pit or from prevailing deposits found under the location. All roads will be returned to 6" rolled and compacted caliche.

6. Methods of Handling Water Disposal:

- A. Drill cuttings will be disposed into the reserve pit.
- B. Drilling Fluids will be contained in steel mud tanks. The reserve pit will contain excess drilling fluids or fluid from the well during drilling, cementing, and completion operations. The reserve pit will be an earthen pit roughly 125' x 125' x 6', or smaller, in size.
- C. The reserve pit will be fenced on three sides throughout drilling operations and will be totally isolated upon removal of the rotary rig. The pit will be lined using 6 mil plastic to minimize loss of drilling fluids and saturation of the ground with brine water. It will be constructed entirely within the confines of the original reserve pit area - which has been reclaimed.
- D. Water produced from the well during completion operations will be disposed into steel tanks or the reserve pit, if volumes prove excess. After placing the well on production through the production facilities, all water will be collected in tanks. Produced oil will be separated into steel stock tanks until sold.

- E. A portable chemical toilet will be available on location for human waste during drilling operations.
- F. Garbage, trash and waste paper produced during drilling operations will be collected in a container trailer and disposed at an approved landfill. All waste material will be contained to prevent scattering by the wind. All water, fluids, salt or other chemicals will be disposed in the reserve pit. No toxic waste or hazardous chemicals will be generated by this operation.
- G. All waste material will be removed within 30 days after the well is either completed or abandoned. The reserve pit will be completely fenced until it has dried. At the point the reserve pit is found sufficiently dry, it will be backfilled and reclaimed as outlined by the BLM specifications. Only the portion of the drilling pad used by production equipment (pumping unit and tank battery) will remain in use. If the well is deemed non-commercial, only a dry hole marker will remain.

7. Ancillary Facilities:

No campsite or other facilities will be constructed as a result of this well.

8. Well Site Layout:

- A. The drill pad is shown on Attachment. Approximate dimensions of the pad, the pits and the general location of the rig equipment are displayed. Only minor dirt work will be necessary to restore the pad to the original 6" of compacted caliche.
- B. No permanent living facilities are planned, but temporary trailers for the tool pusher, drilling foreman and mud logger may be on location throughout drilling operations.
- C. The reserve pit will be lined using plastic sheeting of 6 mil thickness.

9. Plans for Restoration of Surface:

- A. If after concluding the drilling and/or completion operations, the well is found non-commercial, the pad and road will again be reclaimed as directed by the BLM. The reserve pit area will be broken out and leveled after drying to a condition where these efforts are feasible.
- B. The pit lining will be buried or hauled away in order to return the location and road to the pristine nature. All pits will be filled and location leveled, weather permitting, within 120 days after abandonment.
- C. The location and road will be rehabilitated as recommended by the BLM.

- D. The reserve pit will be fenced on three sides throughout drilling operations. After the rotary rig is removed, the reserve pit will be fenced on the fourth side to preclude endangering wildlife. The fencing will be in place until the pit is reclaimed.
- E. If the well is deemed commercially productive, the reserve pit will be restored as described on 10 (A) within 120 days subsequent to the completion date. Caliche from the area of the pad site not required for operations will be reclaimed. The unused areas of the drill pad will be contoured, as close as possible, to match the original topography.

10. Surface Ownership:

The Well site is owned by the Bureau of Land Management.

Road routes have been approved and the surface location will be restored as directed by the BLM.

11. A new archaeological survey is not required since the existing pad will be used.

12. Lessee's or Operator's Representative:

George W. Tullos

Chevron U.S.A. Inc.  
P.O. Box 1150  
Midland, Texas 79702

Phone: (915)687-7463 (Office)  
(915)687-3711 (Home)

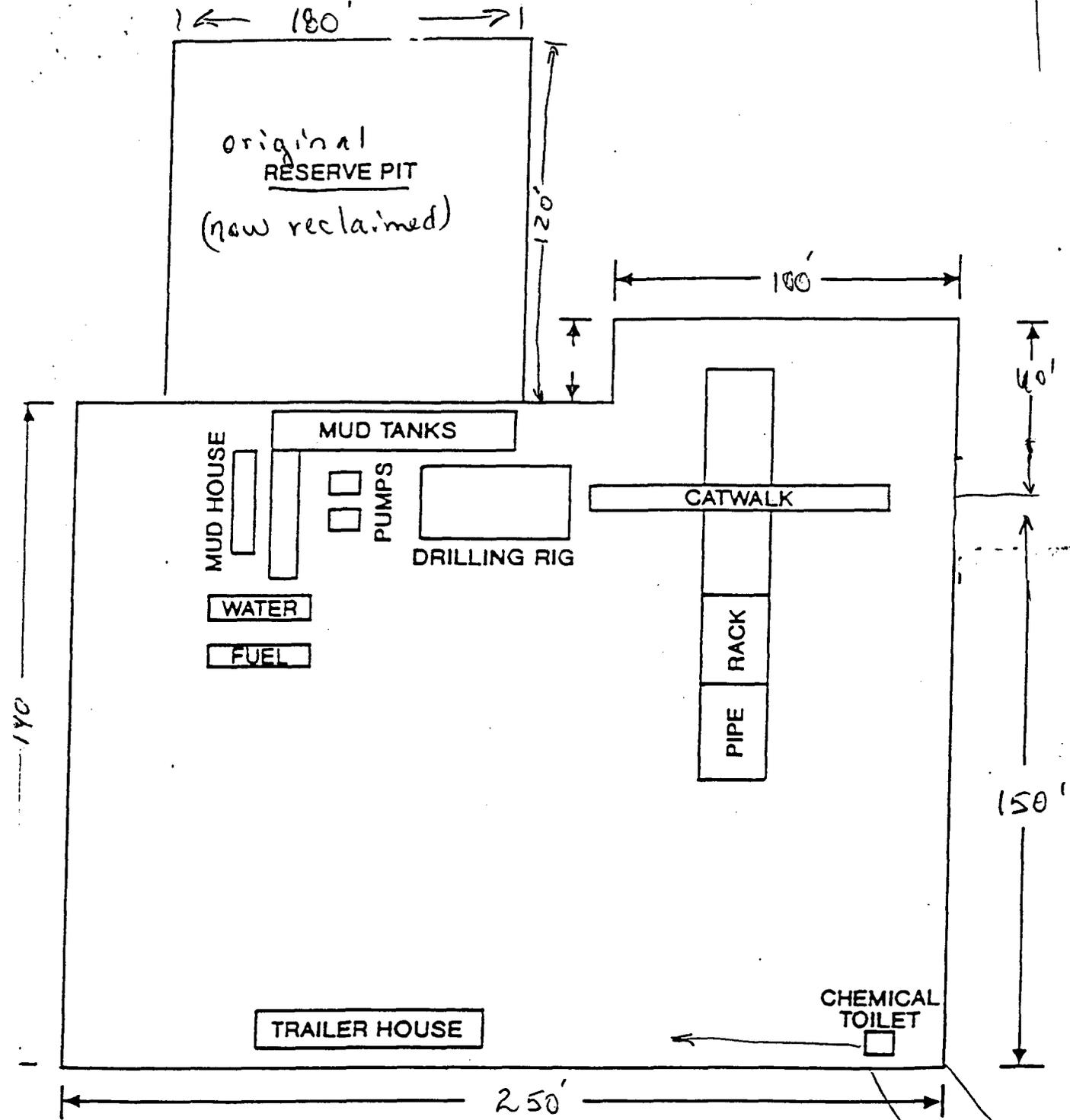
Certification:

I hereby certify that I, or a Chevron representative, have inspected the proposed drill site and access road; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Chevron U.S.A. Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Date: 10/23/96

Signed: J. K. Ripley  
J. K. Ripley  
Regulatory T.A.

Attachments



 **CHEVRON USA INC.**

Well Name & Number: SCOTT "E" FEDERAL #1

Location: 1980' F S L & 1980' F W L

Section: 28 Unit: K

Township: 18S Range: 32E

LEA County, New Mexico

PREPARED BY:

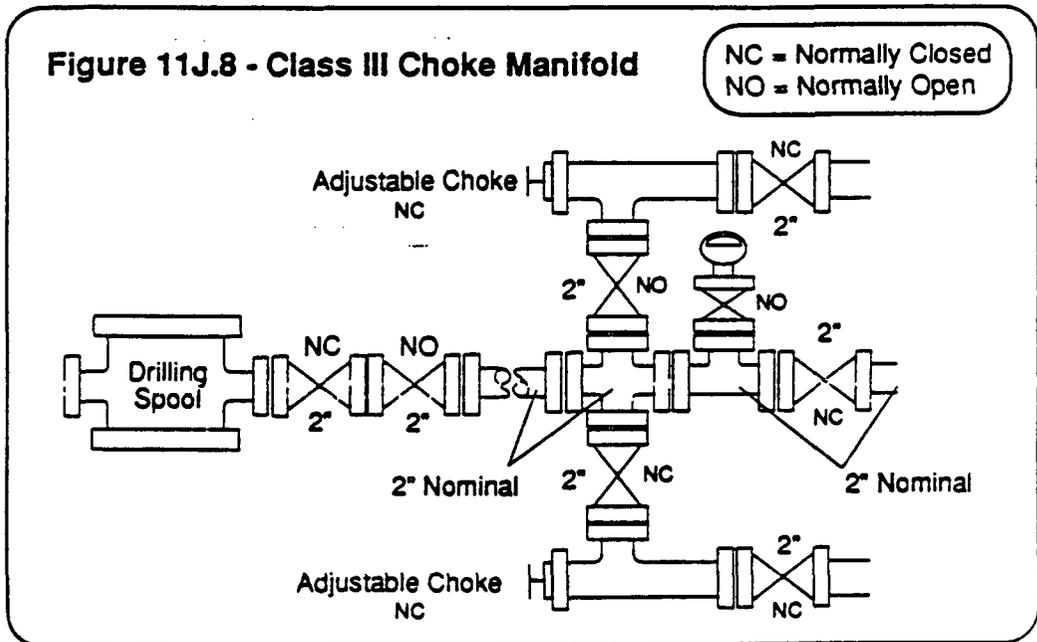
access road

CHEVRON DP" LING REFERENCE SERIES  
VOLUME ELE \_N  
WELL CONTROL AND BLOWOUT PREVENTION

**D. CLASS III CHOKE MANIFOLD**

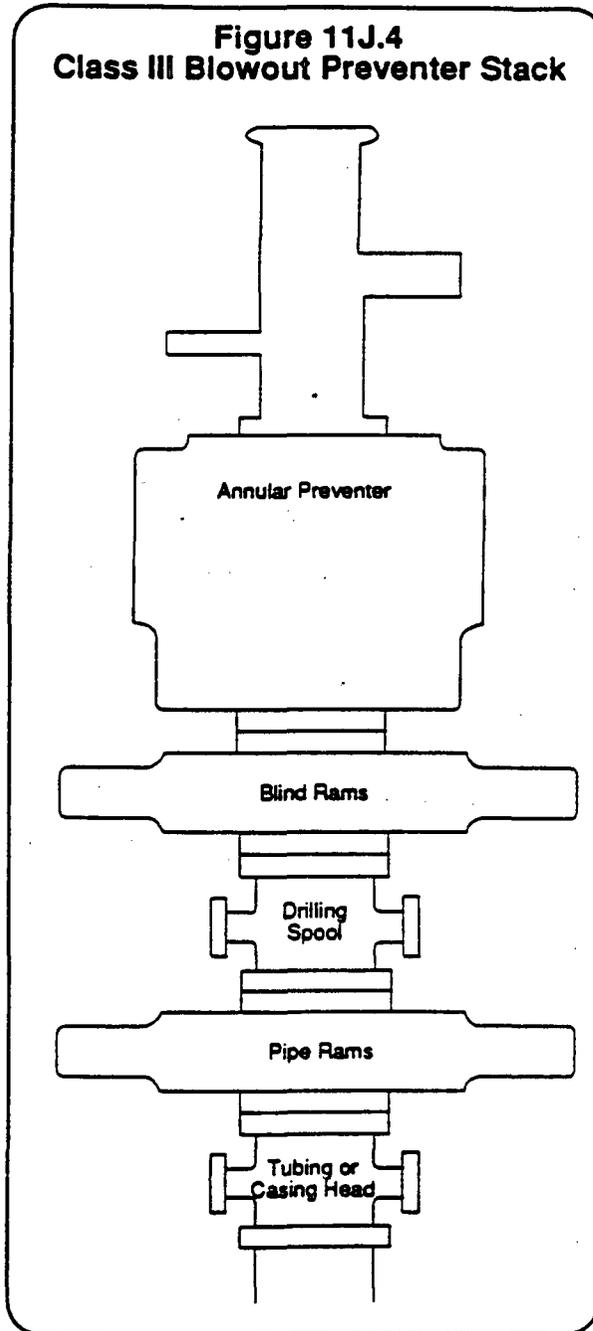
The Class III choke manifold is suitable for Class III workovers and drilling operations. The Standard Class III choke manifold is shown in Figure 11J.8 below. Specific design features of the Class III manifold include:

1. The manifold is attached to a drilling spool or the top ram preventer side outlet.
2. The minimum internal diameter is 2" (nominal) for outlets, flanges, valves and lines.
3. Includes two steel gate valves in the choke line at the drilling spool outlet. The inside choke line valve may be remotely controlled (HCR).
4. Includes two manually adjustable chokes which are installed on both side of the manifold cross. Steel isolation gate valves are installed between both chokes and the cross, and also downstream of both chokes.
5. Includes a bleed line which runs straight through the cross and is isolated by a steel gate valve.
6. Includes a valve isolated pressure gauge suitable for drilling service which can display the casing pressure within view of the choke operator.
7. Returns through the choke manifold must be divertible through a mud-gas separator and then be routed to either the shale shaker or the reserve pit through a buffer tank or manifold arrangement.
8. If the choke manifold is remote from the wellhead, a third master valve should be installed immediately upstream of the manifold cross.

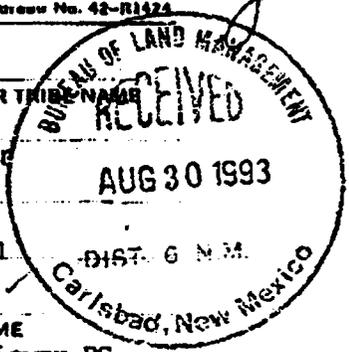


**E. CLASS III BLOWOUT PREVENTER STACK:**

The Class III preventer stack is designed for drilling or workover operations. It is composed of a single hydraulically operated annular preventer on top, then a blind ram preventer, a drilling spool, and a single pipe ram preventer on bottom. The choke and kill lines are installed onto the drilling spool and must have a minimum internal diameter of 2". All side outlets on the preventers or drilling spool must be flanged, studded, or clamped. An emergency kill line may be installed on the wellhead. A double ram preventer should only be used when space limitations make it necessary to remove the drilling spool. In these instances, the choke manifold should be connected to a flanged outlet between the preventer rams only. In this hookup, the pipe rams are considered master rams only, and cannot be used to routinely circulate out a kick. The Class III blowout preventer stack is shown to the right in Figure 11J.4.



UNITED STATES ~~BLM~~ - CARLSBAD  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY



SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR  
*Smith & Morris, Inc.*

3. ADDRESS OF OPERATOR  
*P.O. Box 863 Kermit, TX 79745*

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE:  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

*Mayer  
Mars  
Casing  
Pulling  
Inc*

*915 586-2844  
3076  
Angie*

5. LEASE  
NM-24162

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Scott "E" Federal

9. WELL NO.  
1

10. FIELD OR WILDCAT NAME  
Querecho Plains Lower BS

11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA  
Unit K, Sec. 28, T-18S, R32E

12. COUNTY OR PARISH  
Lea

13. STATE  
NM

14. API NO.  
30-025-27442

15. ELEVATIONS (SHOW DT, HDR, AND WD)

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) <input type="checkbox"/>	<input type="checkbox"/>

(NOTE: Report results of multiple completion or zone change on Form 9-330)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

- 8-16-93 Set CIBP @ 8730' - 50' cement on top
- 8-18-93 Spot 50 sxs @ 7751' - 7537' tagged - pulled 7667' of 5 1/2".
- 8-18-93 Spot 40 sxs @ 5717' - 5561'.
- 8-18-93 Spot 40 sxs @ 4214' - 4184' tagged.
- 8-19-92 Spot 25 sxs @ 4184' - 4090'.
- 8-19-93 Spot 50 sxs @ 460' - 275'.
- 8-19-93 Spot 15 sxs @ 60' - surface

Install dry hole marker  
Circulate with mud

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED *[Signature]* TITLE *V-P* DATE *8-25-93*

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL IF ANY:

\*See instructions on Reverse Side

**OIL CONSERVATION DIVISION**

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT II  
 P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
 1000 Rio Brazos Rd., Aztec, NM 87410

**REQUEST FOR ALLOWABLE AND AUTHORIZATION  
 TO TRANSPORT OIL AND NATURAL GAS**

I.

Operator Mayo Marrs Casing Pulling, Inc.		Well API No. 30-025-27442
Address P.O. Box 863, Kermit, Texas 78745		
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)		
New Well <input type="checkbox"/>	Change in Transporter of:	Effective: May 1, 1993
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>	
Change in Operator <input checked="" type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>	
If change of operator give name and address of previous operator Harvey E. Yates Company, P.O. Box 1933, Roswell, N.M. 88202		

II. DESCRIPTION OF WELL AND LEASE

Lease Name Scott E Federal	Well No. #1	Pool Name, including Formation Querecho Plains Lower BS	Kind of Lease State, Federal or Fee	Lease No. NM-24162
Location Unit Letter <u>K</u> : <u>1980</u> Feet From The <u>South</u> Line and <u>1980</u> Feet From The <u>West</u> Line Section <u>28</u> Township <u>18S</u> Range <u>32E</u> , NMPM, <u>Lea</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/> T&A	Address (Give address to which approved copy of this form is to be sent)				
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)				
If well produces oil or liquids, give location of tanks.	Unit K	Sec. 28	Twp. 18	Rge. 32	Is gas actually connected? When? No
If this production is commingled with that from any other lease or pool, give commingling order number:					

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.		
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth		
Perforations						Depth Casing Shoe		
<b>TUBING, CASING AND CEMENTING RECORD</b>								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET			SACKS CEMENT		

V. TEST DATA AND REQUEST FOR ALLOWABLE

<b>OIL WELL</b> (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)			
Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas- MCF
<b>GAS WELL</b>			
Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature Ricky Smith  
 Printed Name Ricky Smith Title Vice President  
 Date 8-2-93 Telephone No. (915) 586-3070

**OIL CONSERVATION DIVISION**

Date Approved AUG 05 1993

By \_\_\_\_\_ Orig. Signed by Paul Kautz  
 Title \_\_\_\_\_ Geologist

**INSTRUCTIONS:** This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

Form C-104  
Revised 10-01-78  
Format 06-01-83  
Page 1

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

NO. OF COPIES RECEIVED	
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LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRODUCTION OFFICE	

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I.

Operator  
Harvey E. Yates Co.

Address  
P.O. Box 1933, Roswell, New Mexico 88201

Reason(s) for filing (Check proper box)

<input type="checkbox"/> New Well	Change in Transporter of:	<input type="checkbox"/> Dry Gas	Other (Please explain) effective November 1, 1987
<input type="checkbox"/> Recompletion	<input checked="" type="checkbox"/> Oil	<input type="checkbox"/> Condensate	
<input type="checkbox"/> Change in Ownership	<input type="checkbox"/> casinghead Gas		

If change of ownership give name and address of previous owner \_\_\_\_\_

II. DESCRIPTION OF WELL AND LEASE

Lease Name Scott "E" Federal	Well No. #1	Pool Name, including Formation Quercho Plain Lower B.Sp.	Kind of Lease State, Federal or Fee Federal	Lease No. NM-24162
Location Unit Letter: <u>K</u> ; <u>1980</u> Feet From The <u>South</u> Line and <u>1980</u> Feet From The <u>West</u>				
Line of Section <u>28</u> Township <u>18S</u> Range <u>32E</u> . NMPM, <u>Lea</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> Pride Pipeline	Address (Give address to which approved copy of this form is to be sent) P.O. Box 2436, Abilene, Texas 79604
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> Phillips 66 Natural Gas Co.	Address (Give address to which approved copy of this form is to be sent) 4001 Penbrook, Odessa, Texas 79761
If well produces oil or liquids, give location of tanks. Unit: <u>K</u> ; Sec: <u>28</u> ; Twp: <u>18S</u> ; Rge: <u>32E</u>	Is gas actually connected? <u>Yes</u> When: <u>3/30/82</u>

If this production is commingled with that from any other lease or pool, give commingling order number: \_\_\_\_\_

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.

Sharon Hill  
(Signature)  
Production Analyst  
(Title)  
10-28-87  
(Date)

OIL CONSERVATION DIVISION

APPROVED: OCT 30 1987, 19 \_\_\_\_\_

BY: ORIGINAL SIGNED BY JERRY SEXTON

TITLE: DISTRICT I SUPERVISOR

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

NM-24162

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

8. Well Name and No.

Scott "E" Federal #1

9. API Well No.

30-025-27442

10. Field and Pool, or Exploratory Area

Querecho Plains Lower BS

11. County or Parish, State

Lea, N.M.

1. Type of Well

Oil Well  Gas Well  Other P&A

2. Name of Operator

Harvey E. Yates Company

3. Address and Telephone No.

P.O. Box 1933, Roswell, N.M. 88202; 505/623-6601

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Unit K; Sec. 28, T18S, R32E  
1980' FSL & 1980' FWL

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

Notice of Intent

Subsequent Report

Final Abandonment Notice

TYPE OF ACTION

Abandonment

Recompletion

Plugging Back

Casing Repair

Altering Casing

Other

Change of Plans

New Construction

Non-Routine Fracturing

Water Shut-Off

Conversion to Injection

Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

- 1) Set CIBP @ 8730' and cap w/50' cmt
- 2) Load hole w/9# mud laden fluid
- 3) Cut and pull csg 7900' +/-; Spot 150' cmt plug (75' in & 75' out of stub); Tag
- 4) Spot 100' cmt plug @ 5604-5704'
- 5) Spot 100' cmt plug @ 4108-4208'; tag
- 6) Spot 100' cmt plug @ 360-460'
- 7) Spot 50' cmt surface plug
- 8) Install dry hole marker

Above approved by Shannon Shaw 4/13/93

RECEIVED  
APR 15 11 00 AM '93  
CARLSON  
AREA

14. I hereby certify that the foregoing is true and correct

Signed Tim Gum Tim Gum

Title Engineer

Date 4/14/93

(This space for Federal or State office use)

Approved by see attached  
Conditions of approval, if any:

Title

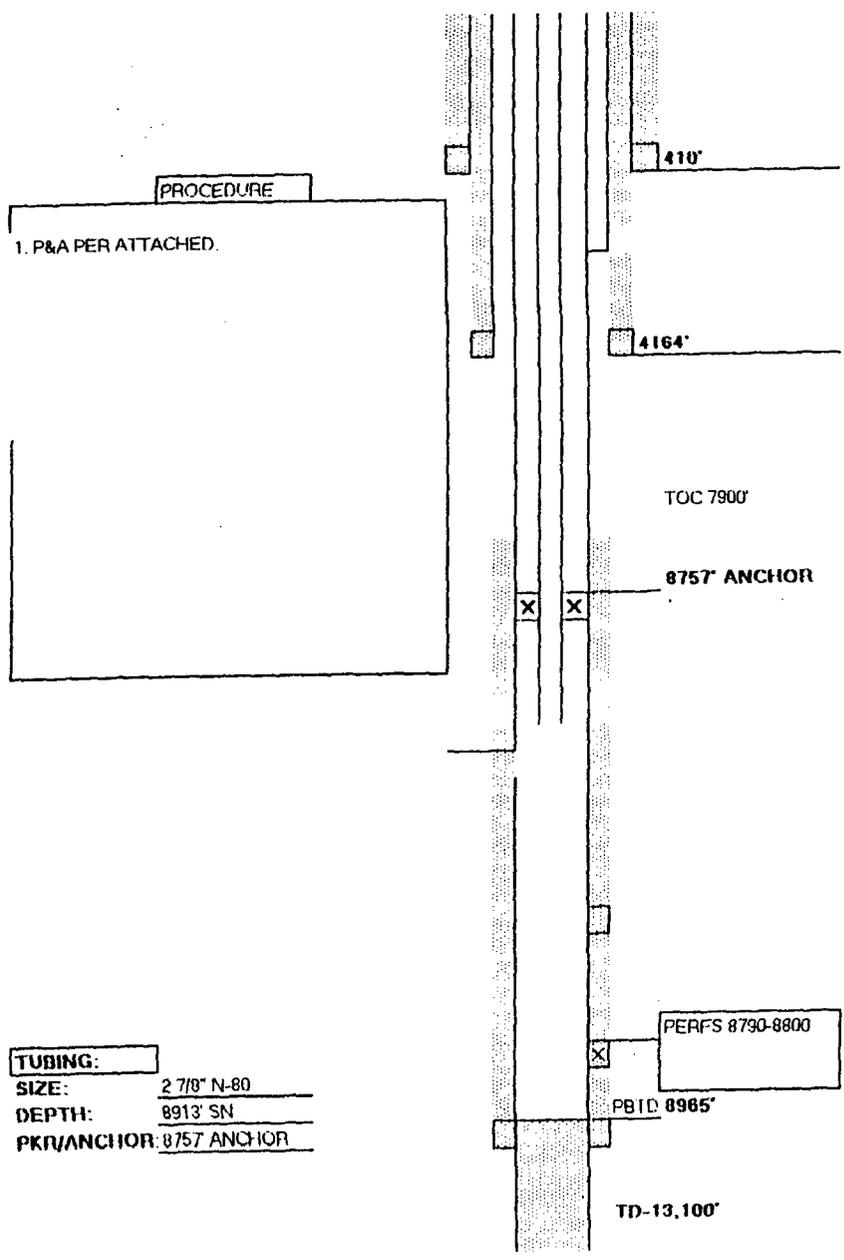
Date 4/23/93

# WELL HISTORY SUMMARY SHEET

BY TIM W GUM

OPERATOR: HARVEY E. YATES COMPANY  
 WELL NAME: SCOTT E FEDERAL NO. 1  
 LEASE / NM-24162  
 LOCATION: K-1980'FS&WL  
 K, SEC. 28, T-18S, R-32E  
 FIELD: QUERECHO PLAIN LOWER BONE SPRING  
 ELEVATION: 3710(GL)(16.5KB)

SPUD DATE: 6/1/81  
 COMP DATE:  
 TD 13100'  
 PBTD: 8965'



SURFACE	
WT & GRD	11.75 H40
DEPTH	410'
SXS CMT	400 SXS
TOC	CIRC.
BIT SIZE	

INTERMEDIATE	
WT & GRD	8 5/8" 28# S80
DEPTH	4164'
SXS CMT	1700
TOC	CIRC.
BIT SIZE	

TUBING:	
SIZE:	2 7/8" N-80
DEPTH:	8913' SN
PKR/ANCHOR:	8757 ANCHOR

PRODUCTION:	
WT & GRD	5 1/2" 17# K-55 N-80
DEPTH	9000'
SXS CMT	225
TOC	7900 BY TS
BIT SIZE	7 7/8"
DV TOOL @	
MARKER JOINT	

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

Form C-104  
Revised 10-01-78  
Format 06-01-83  
Page 1

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

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LAND OFFICE		
TRANSPORTER	OIL	
	GAS	
OPERATOR		
PRODUCTION OFFICE		

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I.

Operator: HARVEY E. YATES Co

Address: P.O. Box 1933 ROSWELL NM 88201

Reason(s) for filing (Check proper box):

New Well       Change in Transporter of:

Recompletion       Oil       Dry Gas

Change in Ownership       Casinghead Gas       Condensate

Other (Please explain): Ownership change effective October 1, 1987

If change of ownership give name and address of previous owner: Chevron USA Inc PO Box 670 Hobbs NM 88240

II. DESCRIPTION OF WELL AND LEASE

Lease Name: Scott E. Fed      Well No.: 1      Pool Name, including Formation: Querecho Main Lower BS      Kind of Lease: Fed      Lease No.: N112416

Location: K : 1980 Feet From The South Line and 1980 Feet From The West Line

Line of Section 28      Township 18S      Range 32E      , NMPM,      Lin      County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil  or Condensate : Permian Prod      Address (Give address to which approved copy of this form is to be sent): P.O. Box 3119 Midland, TX 79701

Name of Authorized Transporter of Casinghead Gas  or Dry Gas : Phillips 66 Natl Gas Co      Address (Give address to which approved copy of this form is to be sent): 4001 Pembroke Column, TX 79761

If well produces oil or liquids, give location of tanks:      Unit: K      Sec.: 28      Twp.: 18S      Rge.: 32E      Is gas actually connected? Yes      When: 3-30-82

If this production is commingled with that from any other lease or pool, give commingling order number: \_\_\_\_\_

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.

Robert W. Reed  
(Signature)

Inspector  
(Title)

10-1-87  
(Date)

OIL CONSERVATION DIVISION

APPROVED OCT 6 1987, 19 \_\_\_\_\_

BY Eddie W. Seay

TITLE Oil & Gas Inspector

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for all applicable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of ownership, well name or number, or transporter, or other such change of conditions.

Separate Forms C-104 must be filed for each pool in multiple completed wells.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT, 1980

3. LEASE DESIGNATION AND SERIAL NO.  
NM 24162  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
7. UNIT AGREEMENT NAME  
8. FARM OR LEASE NAME  
Scott 'E' Federal  
9. WELL NO.  
1  
10. FIELD AND POOL, OR WILDCAT  
Querecho Plain  
Lower Bone Spring  
11. SEC., T., R., M., OR BLM. AND  
SURVEY OR AREA  
Sec. 28, T18S, R32E  
12. COUNTY OR PARISH | 13. STATE  
Lea | NM

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL  GAS WELL  OTHER   
2. NAME OF OPERATOR  
Chevron U.S.A. Inc.  
3. ADDRESS OF OPERATOR  
P. O. Box 670, Hobbs, NM 88240  
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface  
1980' FSL & 1980' FWL  
14. PERMIT NO. | 15. ELEVATIONS (Show whether DF, ST, GR, etc.)  
| 3710' GL

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PLUG OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	(Other) _____	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Change lease name from Scott 'E' Federal Comm to the Scott 'E' Federal. This is a one well lease. The communication Agreement dated 5/13/81 covering the Morrow and Atoka formation is not applicable since the well was completed in the Bone Springs formation. The Com Unit expired 5/14/83, the end of its primary term.

ACCEPTED FOR RECORD

*Handwritten signature*  
JUN 30 1985

CARLSBAD, NEW MEXICO

18. I hereby certify that the foregoing is true and correct  
SIGNED *Handwritten signature* TITLE Division Proration Engineer DATE 6/18/86

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

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

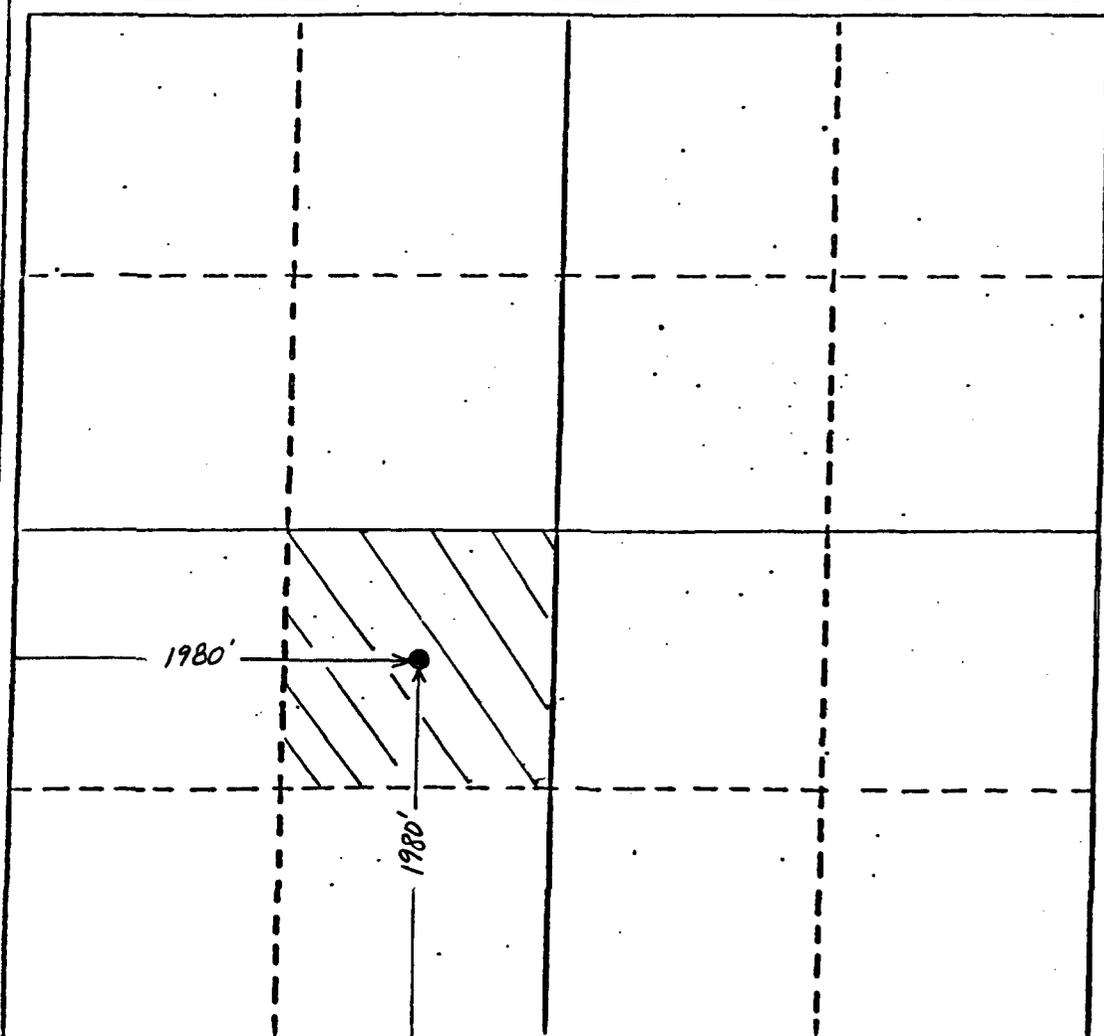
Operator Chevron U.S.A. Inc.		Lease Scott 'E' Federal			Well No. 1
Unit Letter K	Section 28	Township 18S	Range 32E	County Lea	
Actual Footage Location of Well: 1980 feet from the South line and 1980 feet from the West line					
Ground Level Elev. 3710'	Producing Formation Bone Springs		Pool Querecho Plain Lower Bone Spring	Dedicated Acreage 40 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 Division.



CERTIFICATION

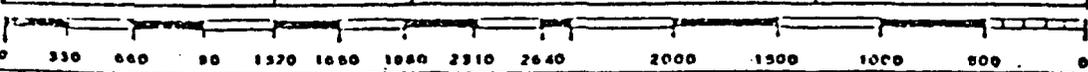
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name M. Casey  
Position Division Proration ENGINEER.  
Company Chevron U.S.A. Inc.  
Date 6/18/86

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 \_\_\_\_\_  
Registered Professional Engineer and/or Land Surveyor \_\_\_\_\_

Certificate No. \_\_\_\_\_



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	GAS
OPERATOR	
PRORATION OFFICE	

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

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I.

Operator  
Chevron U. S. A. Inc.

Address  
P. O. 670, Hobbs, New Mexico 88240

Reason(s) for listing (Check proper box)

<input type="checkbox"/> New Well	Change in Transporter of:	<i>Change lease name from Scott E Fed com to Seattle Fed</i>
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Oil	
<input checked="" type="checkbox"/> Change in Ownership	<input type="checkbox"/> Casinghead Gas	

Other (Please explain)

If change of ownership give name and address of previous owner Gulf Oil Corp., P.O. Box 670, Hobbs, NM 88240

II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>Scott "E" Fed</u>	Well No. <u>1</u>	Pool Name, including Formation <u>Querecho Plain Lower Bone Spring</u>	Kind of Lease State, Federal or Fee <u>Federal</u>	Lease No. <u>NM24162</u>
Location				
Unit Letter <u>K</u>	<u>1980</u>	Feet From The <u>South</u>	Line and <u>1980</u>	Feet From The <u>West</u>
Line of Section <u>28</u>	Township <u>18S</u>	Range <u>32E</u>	<u>NMPM,</u>	Lea County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<u>Permian Corporation</u>	<u>Box 3119, Midland, TX 79701</u>
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<u>Phillips 66 Natural Gas Company</u>	<u>4001 Penbrook, Odessa, TX 79761</u>
If well produces oil or liquids, give location of tanks.	Unit : <u>K</u> , Sec. : <u>28</u> , Twp. : <u>18S</u> , Rge. : <u>32E</u> , Is gas actually connected? <u>Yes</u> , When : <u>3/30/82</u>

If this production is commingled with that from any other lease or pool, give commingling order number: \_\_\_\_\_

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.

*M. Casey*  
(Signature)

Division Proration Engineer

7/24/86

(Title)

(Date)

OIL CONSERVATION DIVISION

APPROVED JUL 28 1986, 19

BY ORIGINAL SIGNED BY JERRY SEYTON

TITLE DISTRICT I SUPERVISOR

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

(November 1983)  
(Formerly 9-331)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN 187  
(Other instructions  
reverse side)

DATE  
OR TO

Expires August 31, 1985

6. LEASE DESIGNATION AND SERIAL NO.

NM 24162

8. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS 88240

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

7. UNIT AGREEMENT NAME

9. FARM OR LEASE NAME

Scott "E" Federal Comm

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT  
Bone Springs

11. SEC., T., R., M., OR S&L, AND  
SURVEY OR AREA

Sec 28 T18S R32E

12. COUNTY OR PARISH

Lea

13. STATE

NM

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR

Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR

P. O. Box 670, Hobbs, NM 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

1980' FSL & 1980' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether of, wt, or, etc.)

3710 GL

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL   
(Other)

PLUG OR ALTER CASING   
MULTIPLE COMPLETION   
ABANDON\*   
CHANGE PLANS

WATER SHUT-OFF   
FRACTURE TREATMENT   
SHOOTING OR ACIDIZING   
(Other)

REPAIRING WELL   
ALTERING CASING   
ABANDONMENT\*

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Set RBP @ 8759'. Tested casing to 1000 psi for 10 minutes with no leak off.

No casing leaks were found. Returned well to production.

ACCEPTED FOR RECORD

*[Signature]*

DEC 19 1985

CARLISBAD, NEV, MEXICO

18. I hereby certify that the foregoing is true and correct

SIGNED *[Signature]*

TITLE Division Drilling Manager

DATE 12-16-1985

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

\*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(November 1983)  
(Formerly 9-331)

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Expires August 31, 1985

6. LEASE DESIGNATION AND SERIAL NO.

NM 24162

9. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Scott "E" Fedral Comm

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Querecho Plain Lower  
Bone Springs

11. SEC., T., R., N., OR S.W. AND SURVEY OR AREA

Sec 28 T18S R32E

12. COUNTY OR PARISH

Lea

13. STATE

NM

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR

Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR

P. O. Box 670, Hobbs, NM 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

1980' FSL & 1980' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, BT, OR, etc.)

3710 GL

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PCLL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON\*

SHOOTING OR ACIDIZING

ABANDONMENT\*

REPAIR WELL

CHANGE PLANE

(Other)

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Propose to find casing leak and cement as necessary to repair it.

Also, plan to acidize well with 2000 gallons 15% NEFE HCL.

18. I hereby certify that the foregoing is true and correct

SIGNED

*P. H. Bailey Jr.*

TITLE Division Drilling Manager

DATE

11-19-1985

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

11-22-85

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

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

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

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LAND OFFICE	
TRANSPORTER	OIL GAS
OPERATION	
OPERATION OFFICE	
Operator	

Gulf Oil Corporation

Address

P. O. Box 670, Hobbs, NM 88240

Reason(s) for filing (Check proper box)

New Well	<input type="checkbox"/>	Change in Transporter of:	
Recompletion	<input type="checkbox"/>	Oil	<input type="checkbox"/>
Change in Ownership	<input type="checkbox"/>	Casinghead Gas	<input checked="" type="checkbox"/>
		Dry Gas	<input type="checkbox"/>
		Condensate	<input type="checkbox"/>

Other (Please explain)

If change of ownership give name and address of previous owner

DESCRIPTION OF WELL AND LEASE

Lease Name <b>Scott "E" Fed Com</b>	Well No. <b>1</b>	Pool Name, including Formation <b>Querecho Plain Lower Bone Spring</b>	Kind of Lease State, Federal or Fee <b>Federal</b>	Lease <b>NM-241</b>
Location Unit Letter <b>K</b> ; <b>1980</b> Feet From The <b>South</b> Line and <b>1980</b> Feet From The <b>West</b>				
Line of Section <b>28</b> Township <b>18S</b> Range <b>32E</b> NMPM, Lea				

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<b>Permian Corporation</b>	<b>Box 3119, Midland, TX 79701</b>
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<b>Phillips Petroleum Co.</b>	<b>Phillips Bldg., Odessa, TX 79760</b>
If well produces oil or liquids, give location of tanks.	Unit   Sec.   Twp.   Rge.   Is gas actually connected?   When
	<b>K   28   18S   32E   Yes   3-30-82</b>

If this production is commingled with that from any other lease or pool, give commingling order number:

COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. F
Date Spudded	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.		
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth		
Perforations						Depth Casing Shoe		

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top able for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (shut-in)	Casing Pressure (shut-in)	Choke Size

CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

*R.D. Pate*  
(Signature)

Area Engineer

4-6-82

(Date)

OIL CONSERVATION DIVISION

APPROVED APR 13 1982, 19

BY JERRY SEXTON  
ORIGINAL SIGNED BY  
TITLE DISTRICT ENGINEER

This form is to be filed in compliance with RULE 1104.  
If this is a request for allowable for a newly drilled or deep well, this form must be accompanied by a tabulation of the dev tests taken on the well in accordance with RULE 111.  
All sections of this form must be filled out completely for able on new and recompleted wells.  
Fill out only Sections I, II, III, and VI for changes of a well name or number, or transporter, or other such change of cond Separate Forms C-104 must be filed for each pool in mu completed wells.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See In-  
struction on  
reverse side)

Form approved,  
Budget Bureau No. 42-R355.6.

5. LEASE DESIGNATION AND SERIAL NO.

NM-24162

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Scott "E" Federal Com

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT  
Querecho Plains Lower  
Bone Springs

11. SEC., T., R., M., OR BLOCK AND SURVEY  
OR AREA

Sec 28-T18S-R32E

12. COUNTY OR  
PARISH  
Lea

13. STATE  
NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1b. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESER.

2. NAME OF OPERATOR  
Gulf Oil Corporation

3. ADDRESS OF OPERATOR

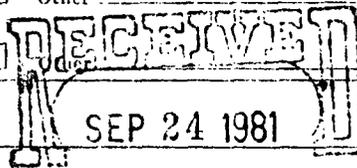
P. O. Box 670, Hobbs, NM 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any U.S. GEOLOGICAL SURVEY SURVEY  
At surface ROSWELL, NEW MEXICO

1980' FSL & 1980' FWL

At top prod. interval reported below

At total depth



14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED 5-31-81 16. DATE T.D. REACHED 7-13-81 17. DATE COMPL. (Ready to prod.) 8-4-81 18. ELEVATIONS (SP, RNB, RT, GR, ETC.)\* 3710' GL 19. ELEV. CASINGHEAD --

20. TOTAL DEPTH, MD & TVD 13,100' 21. PLUG, BACK T.D., MD & TVD 8965' 22. IF MULTIPLE COMPL., HOW MANY\* Single 23. INTERVALS DRILLED BY --> 24. ROTARY TOOLS 0'-13,100' 25. CABLE TOOLS --

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 8790'-8800' Bone Springs 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN CNL-FDC-GR; DLL-RXO, RFT 27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
11-3/4"	42#	416'	14-3/4"	400 sx - circ	
8-5/8"	28#	4,158'	11"	1700 sx - circ	
5 1/2"	17#	9,000'	7-7/8"	225 sx - TSTOC 7900'	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	8935'	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL (MD)	NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8900'-8790'	w/(2) 1/2" JHPF (20 holes)	8900'-8790'	3 bbls 20% NEFE

33.\* PRODUCTION

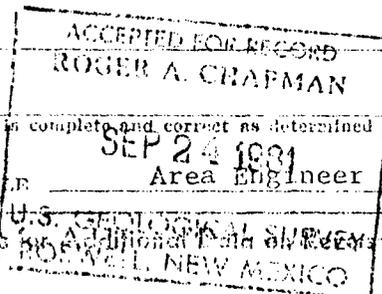
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
8-4-81		Pump					Producing	
DATE OF TEST	HOURS TESTED	CHOKO SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
9-5-81	24	W.O.	----->	197	95	88	482	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-50 (CORR.)		
19#	25#	----->	197	95	88	36.9°		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Flared TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED RDP Peter TITLE Area Engineer DATE 9-23-81



\* (See Instructions and Spaces for Additional Data on Reverse Side)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT..." for such proposals.)

<p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p>		<p>6. LEASE DESIGNATION AND SERIAL NO. <b>NM-24162</b></p>	
<p>2. NAME OF OPERATOR <b>Gulf Oil Corporation</b></p>		<p>7. IF INDIAN, ALLOTTEE OR TRIBE NAME</p>	
<p>3. ADDRESS OF OPERATOR <b>P. O. Box 670, Hobbs, NM 88240</b></p>		<p>7. UNIT AGREEMENT NAME</p>	
<p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) <b>At surface</b></p> <p style="text-align: center;"><b>1980' FSL &amp; 1980' FWL</b></p>		<p>8. FARM OR LEASE NAME <b>Scott "E" Fed Com</b></p>	
<p>14. PERMIT NO.</p>		<p>9. WELL NO. <b>1</b></p>	
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>3710' GL</b></p>		<p>10. FIELD AND POOL, OR WILDCAT <b>Querecho Plains Lower Bone Springs</b></p>	
<p>16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data</p>		<p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec 28-T18S-Rowe-R 32E</b></p>	
<p>17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*</p>		<p>12. COUNTY OR PARISH   13. STATE <b>Lea   NM</b></p>	

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON\*

SHOOTING OR ACIDIZING

ABANDONMENT\*

REPAIR WELL

CHANGE PLANS

(Other) Perfd, Aczd, Set PE

(Other)

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

Clear and clean location, pipe valves from cellar. Perf 8900'-8790' with (2) 1/2" JHPF (20 holes). Spot 20% NEFE. ISIP 2000#, vac 5 min. Set Ajax PU. RIH with MA, SN, 2-7/8" tubing, pump and rods; SN at 8900', tbg at 8935'. Hung well on. Complete after drilling, perfing, acidizing and installing pumping equipment 9-13-81.

RECEIVED

SEP 24 1981

OIL & GAS  
U.S. GEOLOGICAL SURVEY  
ROSWELL, NEW MEXICO

ACCEPTED FOR RECORD  
ROGER A. CHAPMAN

18. I hereby certify that the foregoing is true and correct

<p>SIGNED <u>Rosewell</u> <b>SEP 24 1981</b></p>	<p>TITLE <u>Area Engineer</u></p>	<p>DATE <u>9-23-81</u></p>
(This space for Federal or State office use)		
<p>APPROVED <u>ROSWELL, NEW MEXICO</u></p>	<p>TITLE</p>	<p>DATE</p>

CONDITIONS OF APPROVAL

NEW MEXICO OIL CONSERVATION COMMISSION  
**REQUEST FOR ALLOWABLE  
 AND  
 AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS**

Form O-101  
 Supersedes Old O-101 and  
 Effective 1-1-65

DEPARTMENT OF	
MINES	
STATE	
NEW MEXICO	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRODUCTION OFFICE	
Operator	

**CASINGHEAD GAS MUST NOT BE  
 PLACED AFTER 10/4/81  
 UNLESS AN EXCEPTION TO R-487  
 IS OBTAINED from J. S. D.**

**Gulf Oil Corporation**

Address  
**P. O. Box 670, Hobbs, NM 88240**

Reason(s) for filing (Check proper box)		Other (Please explain)	
New Well <input checked="" type="checkbox"/>	Change in Transporter of:	New Well	
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>		
Change in Ownership <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>		

If change of ownership give name and address of previous owner

**THIS WELL HAS BEEN PLACED IN THE POOL  
 DESIGNATED BELOW. IF YOU DO NOT CONCUR  
 NOTIFY THIS OFFICE.**

**DESCRIPTION OF WELL AND LEASE**

Lease Name <b>Scott "E" Fed Com</b>	Well No. <b>1</b>	Pool Name, including Formation <b>Querecho Plain R-6810 Lower Bone Spring</b>	Kind of Lease State, Federal or Fee <b>Federal</b>	Lease No. <b>NM-241</b>
Location Unit Letter <b>K</b> ; <b>1980</b> Feet From The <b>South</b> Line and <b>1980</b> Feet From The <b>West</b>				
Line of Section <b>28</b> Township <b>18S</b> Range <b>32E</b> , NMPM, <b>Lea</b> Co.				

**DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS**

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)					
<b>Permian Corporation</b>	<b>Box 3119, Midland, TX 79701</b>					
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)					
If well produces oil or liquids, give location of tanks.	Unit <b>K</b>	Sec. <b>28</b>	Twp. <b>18S</b>	Range <b>32E</b>	Is gas actually connected? <b>No</b>	When

If this production is commingled with that from any other lease or pool, give commingling order number:

**COMPLETION DATA**

Designate Type of Completion - (X)	Oil Well <input checked="" type="checkbox"/>	Gas Well <input type="checkbox"/>	New Well <input checked="" type="checkbox"/>	Workover <input type="checkbox"/>	Deepen <input type="checkbox"/>	Plug Back <input type="checkbox"/>	Some Res'v. <input type="checkbox"/>	Full R <input type="checkbox"/>
Date Spudded <b>5-31-81</b>	Date Compl. Ready to Prod. <b>8-4-81</b>		Total Depth <b>13,100'</b>		P.B.T.D. <b>8965'</b>			
Elevations (DF, RKB, RT, CR, etc.) <b>3710' GL</b>	Name of Producing Formation <b>Bone Spring</b>		Top Oil/Gas Pay <b>8790'</b>		Taking Depth			
Perforations <b>8790'-8900'</b>					Depth Casing Shoe			
<b>TUBING, CASING, AND CEMENTING RECORD</b>								
HOLE SIZE <b>14-3/4"</b>	CASING & TUBING SIZE <b>11-3/4"</b>		DEPTH SET <b>416'</b>		SACKS CEMENT <b>400</b>			
<b>11"</b>	<b>8-5/8"</b>		<b>4158'</b>		<b>1500</b>			
<b>7-7/8"</b>	<b>5 1/2"</b>		<b>9000'</b>		<b>225</b>			

**TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL.**

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks <b>8-4-81</b>	Date of Test <b>8-4-81</b>	Producing Method (Flow, pump, gas lift, etc.) <b>Flow</b>	
Length of Test <b>24 hrs</b>	Tubing Pressure <b>400#</b>	Casing Pressure <b>0#</b>	Choke Size <b>30/64"</b>
Actual Prod. During Test <b>131</b>	Oil - Bbls. <b>102</b>	Water - Bbls. <b>29</b>	Gas - MCF <b>495</b>

**GAS WELL.**

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
Testing Method (spot, back pr.)	Tubing Pressure (shut-in)	Casing Pressure (shut-in)	Choke Size

**CERTIFICATE OF COMPLIANCE**

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

*R.D. Pite*  
 (Signature)

**Area Engineer**

**8-5-81**

**OIL CONSERVATION COMMISSION**

APPROVED \_\_\_\_\_, 19\_\_

BY *Jerry Soren*  
*Das L. Soren*

This form is to be filed in compliance with RULE 1104.  
 If this is a request for allowable for a newly drilled or deep well, this form must be accompanied by a tabulation of the gas tests taken on the well in accordance with RULE 111.  
 All sections of this form must be filled out completely on all wells on new and recompleted wells.  
 Fill out only Sections I, II, III, and VI for change of well

WELL NAME AND NUMBER SCOT. E" FEDERAL Com. No. 1  
 LOCATION 1980' FSL & FWL, SECTION 28, T-18-S, R-32-E, LEA COUNTY  
 (Give Unit, Section, Township and Range)  
 OPERATOR GULF OIL CORPORATION  
 DRILLING CONTRACTOR SHARP DRILLING Co. Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>1/4 416</u>	<u>2 1/2 5890</u>	<u>2 3/4 10665</u>
<u>3/4 890</u>	<u>2 6230</u>	<u>2 1/2 11520</u>
<u>1/2 1387</u>	<u>2 6524</u>	<u>2 11848</u>
<u>3/4 1649</u>	<u>3 6928</u>	<u>2 3/4 12639</u>
<u>1 3/4 2152</u>	<u>2 1/2 7196</u>	<u>1 1/2 12825</u>
<u>3 2535</u>	<u>1 7517</u>	<u>1 1/2 13100</u>
<u>2 3/4 2551</u>	<u>2 1/2 7969</u>	<u>_____</u>
<u>2 2675</u>	<u>2 8342</u>	<u>_____</u>
<u>1 1/4 2875</u>	<u>1 1/2 8615</u>	<u>_____</u>
<u>3/4 3375</u>	<u>1 8774</u>	<u>_____</u>
<u>3/4 3753</u>	<u>3 1/4 9200</u>	<u>_____</u>
<u>3/4 4158</u>	<u>2 3/4 9315</u>	<u>_____</u>
<u>1/2 4620</u>	<u>2 1/2 9544</u>	<u>_____</u>
<u>1 1/4 5056</u>	<u>3 9800</u>	<u>_____</u>
<u>2 1/4 5540</u>	<u>2 3/4 10214</u>	<u>_____</u>

Drilling Contractor SHARP DRILLING Co., Inc.

By: R.E. Cross Jr.  
R.E. CROSS JR.

Subscribed and sworn to before me this 5TH day of AUGUST, 1981

Pat. Buchanan  
 Notary Public

My Commission Expires: JUNE 30, 1984

MIDLAND County TEXAS

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

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

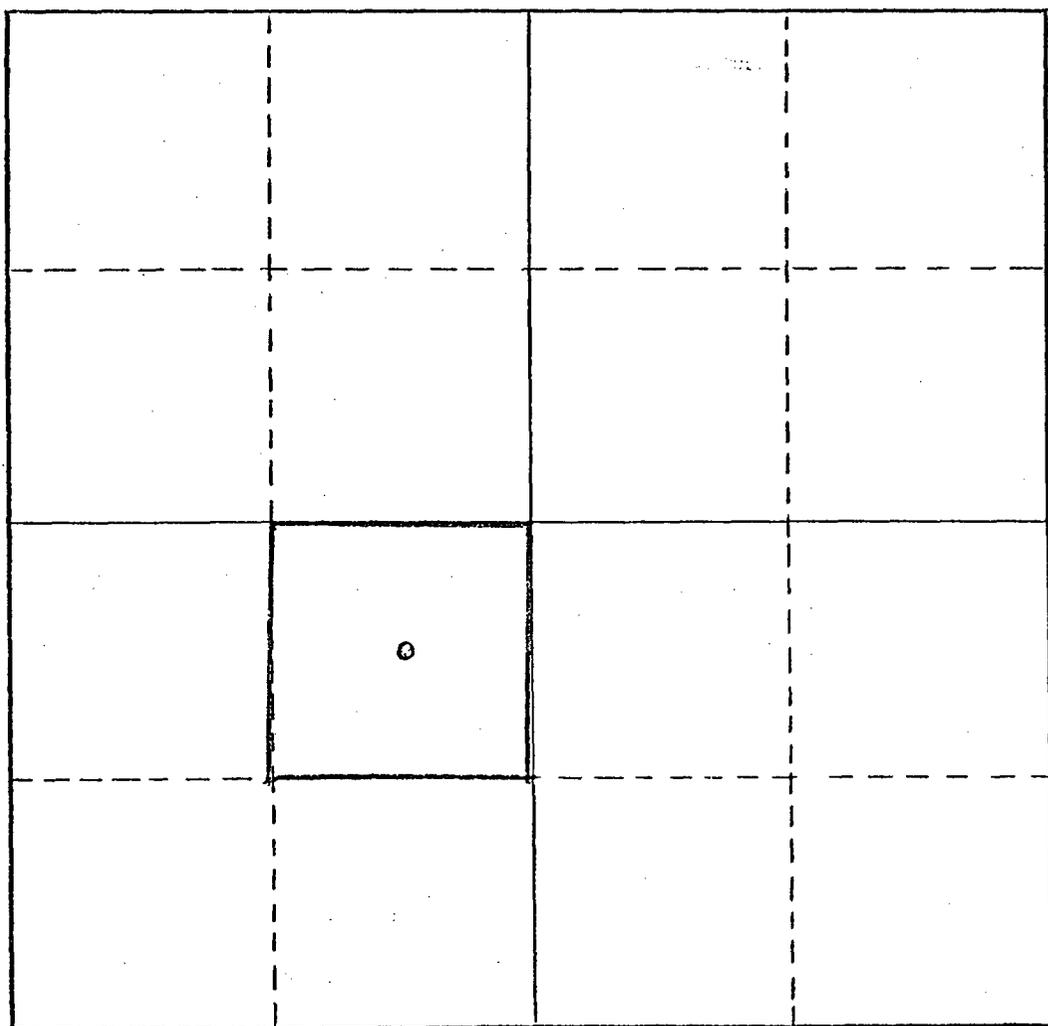
Operator <b>Gulf Oil Corporation</b>			Lease <b>Scott "E" Fed Com</b>		Well No. <b>1</b>
Unit Letter <b>K</b>	Section <b>28</b>	Township <b>18S</b>	Range <b>32E</b>	County <b>Lea</b>	
General Location of Well: <b>1980</b> feet from the <b>South</b> line and <b>1980</b> feet from the <b>West</b> line.					
Ground Level Elev. <b>3710'</b>	Producing Formation <b>Bone Spring</b>		Pool <b>Querecho Plain Lower Bone Spring</b>	Dedicated Acreage <b>40</b>	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.*

*R. D. Pitre*

Name <b>R. D. Pitre</b>
Position <b>Area Engineer</b>
Company <b>Gulf Oil Corporation</b>
Date <b>8-5-81</b>

*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
Registered Professional Engineer and/or Land Surveyor

Certificate No. \_\_\_\_\_



UNITED STATES <sup>N.M. O.C.D. COPY</sup> DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved.  
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

NM-24162

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Scott "E" Federal Com

9. WELL NO.

1

10. FIELD AND FOOL, OR WILDCAT

Lusk Morrow, North

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec 28-T18S-R32E

12. COUNTY OR PARISH 13. STATE

Lea

NM

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, CR, etc.)

3710' GL

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT\*

(Other) Casing

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

TD 13,100' 7-13-81. Set 100 sack cement plugs 12,900'-13,100'; 12,150'-12,350'; 10,150'-10,350'. Set 200 sack cement plug 9225'-8720'. Drilled cement 8720'-9000', circulate hole. RU & ran 113 jts 5 1/2" 17# N-80 LT&C (3507'), 128 jts 5 1/2" 17# K-55 LT&C (5334'), 4 joints and 1 cut joint 5 1/2" 17# N-80 LT&C (140') (8981') set at 9000', FC at 8965'. Cement with 225 sacks Class "G" with Halad 9. Plug down 10:50 P.M., 7-20-81. TSTOC 7900'. Test casing 2000#.

**RECEIVED**  
AUG 7 1981

OIL & GAS  
U.S. GEOLOGICAL SURVEY  
ROSWELL, NEW MEXICO

18. I hereby certify that the foregoing is true and correct

SIGNED

ACCEPTED FOR RECORD  
ROGER A. CHAPMAN

TITLE

Area Drilling Superintendent

DATE

8-4-81

(This space for Federal or State office use)

APPROVED BY

AUG 11 1981

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

U.S. GEOLOGICAL SURVEY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE\*  
(Other instructions on re-verse side)

Form approved.  
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

<p>1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR <b>Gulf Oil Corporation</b></p> <p>3. ADDRESS OF OPERATOR <b>P. O. Box 670, Hobbs, NM 88240</b></p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) <b>At surface</b>  <b>1980' FSL &amp; 1980' FWL</b></p>	<p>5. LEASE DESIGNATION AND SERIAL NO. <b>NM-24162</b></p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME <b>Scott "E" Federal Com</b></p> <p>9. WELL NO. <b>1</b></p> <p>10. FIELD AND POOL, OR WILDCAT <b>Lusk Morrow, North</b></p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec 28-T18S-R32E</b></p> <p>12. COUNTY OR PARISH <b>Lea</b></p> <p>13. STATE <b>NM</b></p>
<p>14. PERMIT NO.</p>	<p>15. ELEVATIONS (Show whether DF, RT, CR, etc.) <b>3710' GL</b></p>

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Casing</u> <input checked="" type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

TD 6:00 P.M., 6-11-81. RU & ran 97 joints and 1 cut joint 8-5/8" 28# S-80 ST&C (4137') set at 4158', FC at 4111'. Cement with 1500 sacks Gulfmix, 200 sacks Class "C" neat. Plug down 1:00 P.M., 6-12-81. Circulate cement to surface. WOC 18 hours. Test casing 1500#. Drill cement, float, shoe. Drilling 7-7/8" hole 8:30 P.M., 6-13-81.

18. I hereby certify that the foregoing is true and correct

SIGNED R. L. Vaughn TITLE Area Drilling Superintendent DATE 6-18-81

(This space for Federal or State office use)

ACCEPTED FOR RECORD

APPROVED BY ROGER A. CHAPMAN

CONDITIONS OF APPROVAL, IF ANY:  
JUN 24 1981

TITLE \_\_\_\_\_ DATE \_\_\_\_\_

COPY TO O. G. C.

Form 9-331  
(May 1983)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424  
5. LEASE DESIGNATION AND SERIAL NO.

NM-24162

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED

JUN 5 1981

U.S. GEOLOGICAL SURVEY  
HOBBS, NEW MEXICO

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Gulf Oil Corporation

3. ADDRESS OF OPERATOR  
P. O. Box 670, Hobbs, NM 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface

1980' FSL & 1980' FWL

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Scott "E" Federal Com

9. WELL NO.  
1

10. FIELD AND FOOT, OR WILDCAT  
Lusk Morrow North

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec 28-T18S-R32E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, CR, etc.)

3710' GL

12. COUNTY OR PARISH 13. STATE

Lea

NM

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON\*

SHOOTING OR ACIDIZING

ABANDONMENT\*

REPAIR WELL

CHANGE PLANS

(Other) Casing

(Other)

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting; any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Sharp spudded 14-3/4" hole 8 A.M., 5-31-81; TD 9:30 P.M., 5-31-81. RU & ran 11 joints 11-3/4" 42# H-40 ST&C (400') set at 416'. Cement with 400 sacks "H" with 2% CaCl<sub>2</sub>. Circulate cement to surface. Plug down 3:15 A.M., 6-1-81. WOC 18 hours. Test casing 500#. Drill cement, float. Drilling 11" form 3 A.M., 6-2-81.

ACCEPTED FOR RECORD  
JUN 12 1981  
U.S. GEOLOGICAL SURVEY

18. I hereby certify that the foregoing is true and correct

SIGNED *[Signature]*

TITLE Area Drilling Superintendent DATE 6-4-81

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_ DATE \_\_\_\_\_

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

SUBMIT IN TRIPPLICATE\*  
(Other instructions on reverse)

Form approved.  
Budget Bureau No. 42-R1425.

30-025-27442

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. TYPE OF WORK  
 DRILL       DEEPEN       PLUG BACK

b. TYPE OF WELL  
 OIL WELL       GAS WELL       OTHER       SINGLE ZONE       MULTIPLE ZONE

2. NAME OF OPERATOR  
**Gulf Oil Corporation**

3. ADDRESS OF OPERATOR  
**P. O. Box 670, Hobbs, NM 88240**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
 At surface **1980' FSL & 1980' FWL**  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**Approximately 9 miles south of Maljamar, New Mexico**

10. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE  
**320**

17. NO. OF ACRES ASSIGNED TO THIS WELL  
**320**

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH  
**13,000**

20. ROTARY OR CABLE TOOLS  
**Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**3710' GL**

22. APPROX. DATE WORK WILL START\*  
**May 15, 1981**

5. LEASE DESIGNATION AND SERIAL NO.  
**NM-24162**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
**Scott "E" Federal Com**

9. WELL NO.  
**1**

10. FIELD AND POOL, OR WILDCAT  
**Lusk Morrow, North**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**Sec 28-T18S-R32E**

12. COUNTY OR PARISH  
**Lea**

13. STATE  
**NM**

**23. PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13-3/4"	48#	400'	525 sacks - circ
12 1/2"	8-5/8"	28#	4,200'	1200 sacks - circ
7-7/8"	5 1/2"	17#	13,000'	TOG 9500'

Mud Program:

0' - 400'	Fresh water spud mud
400' - 4,200'	Saturated brine water
4,200' - 10,300'	Brackish water 8.5 - 10.0 ppg
10,300' - 13,000'	Brine water polymer

See Attached BOP Drawing #4

Gas Is Not Dedicated

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED *Demanda* TITLE Area Production Manager DATE 4-14-81

(This space for Federal or State office use)

APPROVED

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY GEORGE H. STEWART TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:  
 FOR  
JAMES A. GILLHAM  
 DISTRICT SUPERVISOR

\*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

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

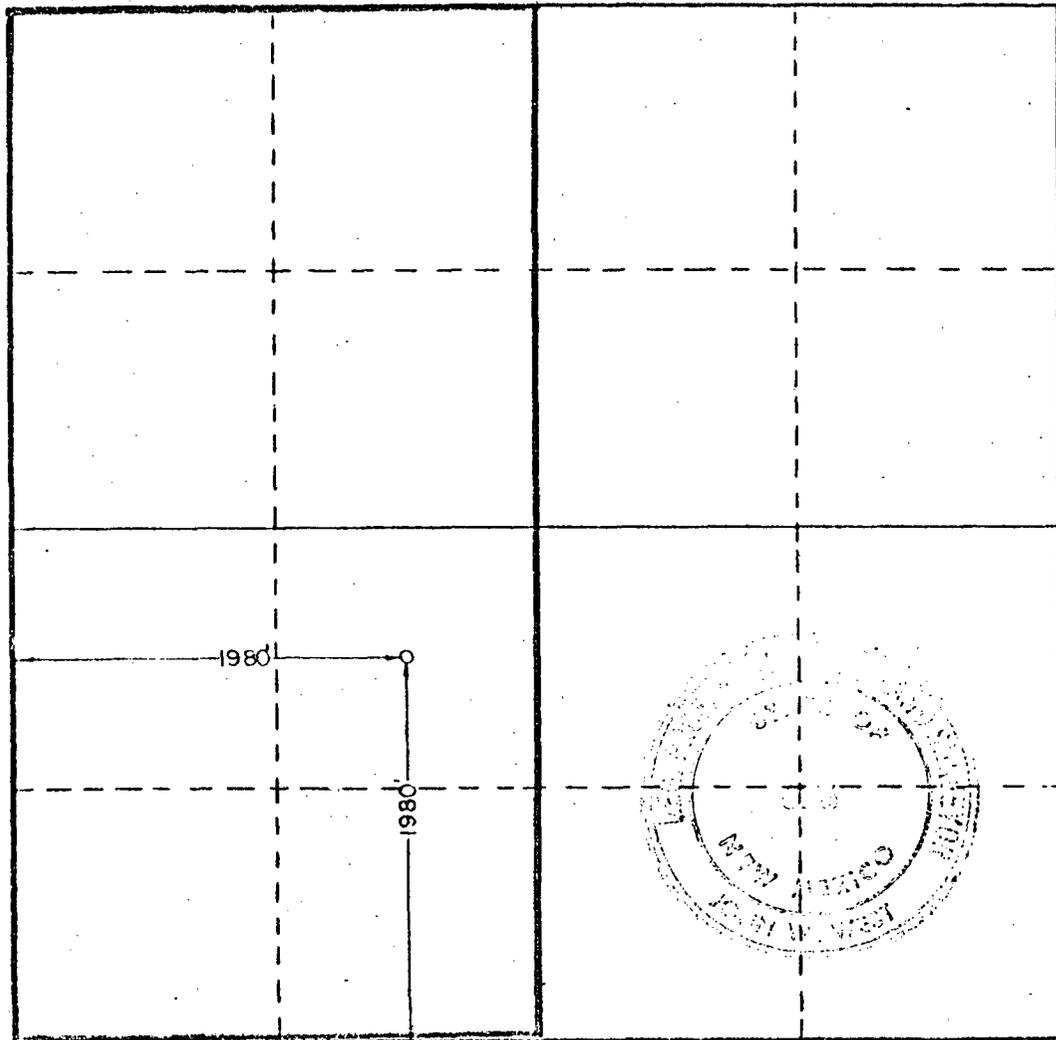
Operator <b>Gulf Oil Corporation</b>		Lease <b>Scott "E" Federal Comm.</b>		Well No. <b>1</b>
Section <b>K</b>	Section <b>28</b>	Township <b>18 South</b>	Range <b>32 East</b>	County <b>Lea</b>
Actual Footage Location of Well: <b>1980</b> feet from the <b>south</b> line and <b>1980</b> feet from the <b>west</b> line				
Ground Level Elev. <b>3710.0</b>	Producing Formation <b>Morrow</b>	Pool <b>Lusk Morrow, North</b>	Dedicated Acreage: <b>320</b> 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.

*R. C. Anderson*

Name  
For **R. C. Anderson**

Position  
**Area Production Manager**

Company  
**Gulf Oil Corporation**

Date

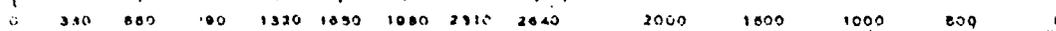
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
**4-7-81**

Registered Professional Engineer  
and/or Land Surveyor

*Patrick A. Romero*

Certificate No. **JOHN W. WEST 878**  
**PATRICK A. ROMERO 6883**  
**Ronald J. Eidson 3239**





CONTINUED QUAIL RIDGE DELAWARE

WELL S T R	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	1993	PROD	MP	ACCU
<b>NORTH LEA FEDERAL</b>																
4D1020S34E OIL	1339	2474	2369	2183	2625	2570	2515	2606	2141	2457	2266	2330	27895P	61945		
GAS	451	375	429	389	722	1136	962	995	954	1207	1009	1331	10760	20034		
WAT	362	731	501	178	147	31	23	32	191	39	75	45	255	7351		
5C1020S34E OIL	3123	2608	3118	3235	3302	3258	3385	3325	2942	3320	3375	3715	38704P	66582		
GAS	915	644	553	538	1178	1204	1397	1006	905	1092	904	1273	11609	19754		
WAT	1142	826	567	1105	939	899	934	894	1930	534	430	1042	11282	15922		
6B1020S34E OIL	1760	1304	1746	1254	1400	2145	3127	2961	3166	4255	3967	5378	32463P	38227		
GAS	312	251	420	357	623	458	944	772	954	1174	1023	1362	8850	8887		
WAT	1273	1337	1444	221	229	3769	6269	5364	4797	6462	4741	5665	41571	44002		
761020S34E OIL	1273	2805	2491	2841	3946	2630	3208	3911	3589	3202	2916	3122	35934P	35934		
GAS	183	44	49	509	1204	517	917	861	975	997	837	1590	1954	1564		
WAT	747	2377	2567	4030	4625	2358	4355	4408	4038	7017	4944	4423	46069	46069		
8F1020S34E OIL				1239	2003	1431	1315	1137	1024	2398	1402	3566	15513P	15513		
GAS				455	938	682	776	975	881	925	1000	1432	8064	8064		
WAT				108	47	17	22	129	7561	7290	7641	23003	23003			
9H1020S34E OIL				2360	3072	3356	3356	3305	3260	3409	3046	3396	25404P	25404		
GAS				758	666	869	896	780	997	787	645	6218	6218			
WAT				4723	3743	3487	5105	4571	6537	4768	6140	41074	41074			
10A1020S34E OIL				2130	2181	1816	2396	2419	2060	2129	2015	2251	19397P	19397		
GAS				508	716	1967	2552	2224	2244	1118	974	1816	9012	9012		
WAT				2912	2847	1967	2552	2244	2244	2810	2061	3314	22931	22931		
LEASE TOTAL OIL	7515	9191	9724	12882	18017	16922	19500	19664	18182	21170	18987	23756	195310	263202		
GAS	1861	1916	2261	3156	6139	3914	6836	6394	6285	7512	6354	9269	64077	81335		
WAT	3724	3271	5079	8534	13618	12994	19637	18049	17900	30760	24329	28570	188485	200852		
<b>COMPANY TOTAL</b>																
OIL	14217	15501	17807	20538	25145	24197	27853	27819	26740	29961	29819	40466	300083	495125		
GAS	3971	3684	4477	5387	8426	7647	8853	8806	9082	11086	10825	15410	9756	148817		
WAT	5224	6703	9865	12986	18793	19569	26505	23717	22745	37894	37889	42051	265941	306674		
<b>SNOW OIL &amp; GAS INC. FEDERAL SCJ</b>																
1A 920S34E OIL	1248	489	134	72	110	165	139	319	118			70	2875P	2875		
WAT	3120	1639	908	674	723	1590	1495	2081	657				12887	12887		
<b>POWELL FEDERAL 1P 420S34E</b>																
OIL	329	349	266	220	249	261	361	590	286	261	337	3309P	45206			
GAS	64	44	45	10	12	12	48	46	25	25	245		19011			
WAT	185	153	362	248	215	122	364	279	284	212			2424	22243		
<b>UNION A FEDERAL 2K1020S34E</b>																
OIL	369	23											8	400P	4163	
GAS														135		
WAT	5287													5287	22494	
<b>COMPANY TOTAL</b>																
OIL	1946	861	400	72	330	414	400	680	508	286	272	415	6584	52244		
GAS	1861	184	184	45	112	112	68	46	25	25	245		1024	19364		
WAT	8592	1794	1270	674	971	1803	1617	2445	936	284	212		20598	37624		
<b>QUAIL RIDGE YATES, SOUTH YT OR TO 5M</b>																
<b>DEVON ENERGY CORP. (NEVADA) Mescalero Ridge Unit WA 32D2819S34E</b>																
OIL	21	20	7	15	19	18	17	19					136P	27119		
GAS	52	66	82	155	78	85	87	25		5	1	3	639	226461		
WAT	18	12	14	12	14	16	20	12					118	9347		
<b>QUAHADA RIDGE DELAWARE (ABANDONED) DL OR TO 7M</b>																
<b>PERRY R. BASS R N LEGG FEDERAL 1B2722S30E</b>																
OIL																24939
GAS																14748
WAT																63303
<b>QUERCHNO PLAINS DELAWARE DL OR TO 7M</b>																
<b>ANADARKO PETROLEUM CORP. BURLESON FEDERAL 362018S32E</b>																
OIL	406	272	427	390	388	356	367	377	312	363	364	151	4173P	22076		
GAS	169	147	272	247	251	218	263	299	269	293	306	123	2857	15969		
WAT	1020	816	1116	990	930	780	899	837	728	930	930	527	10503	51768		
<b>PE-JE-AN 1K2018S32E</b>																
OIL	869	851	861	806	834	725	779	704	848	789	756	772	9594P	23856		
GAS	828	889	1073	1039	1105	1067	1113	993	1104	1145	1113	1127	12596	28659		
WAT	4266	4108	2940	2750	2373	2430	2373	2460	2370	2542	2610	2325	33927	67683		
<b>COMPANY TOTAL</b>																
OIL	1275	1123	1288	1196	1222	1081	1146	1081	1160	1152	1120	923	13767	45932		
GAS	997	1036	1345	1286	1356	1285	1376	1292	1373	1438	1419	1250	15453	44628		
WAT	5286	4924	4056	3720	3503	3210	3472	3297	3098	3472	3540	2852	44430	119451		
<b>NEWBOURNE OIL CO FRENCH FEDERAL 1N2418S32E</b>																
OIL	269	144			300	251			160	133			1257P	1522		
WAT	4890	2727			739	280			142	152			9523	15416		
<b>PALOMA RESOURCES INC. GULF MCKAY FED 1N3418S32E</b>																
OIL	881	723	712	639	517	407	281	346	303	271	233	193	5506P	9696		
GAS	1711	1744	2033	2500	2340	2115	1545	2157	1866	1759	1388	1154	22312	26342		
WAT	1469	1401	1637	1618	1437	1342	940	1449	1231	1189	942	758	15413	22501		
<b>SANTA FE ENERGY OPERATING PARTNERS, L.P. SPRINKLE FEDERAL 4F2618S32E</b>																
OIL					801	899	701	608	570	531	506		4616P	4616		
GAS					542	755	807	586	528	464	460		4142	4142		
WAT					1652	1877	1270	1050	915	775	759		8298	8298		
<b>YATES PETROLEUM CORPORATION SWEENEY FEDERAL 1C2518S32E</b>																
OIL				6	7	8	9	7	3				405	36613		
GAS														2106		
WAT				123	127	147	94	135	303	111	214		1254	30027		
<b>QUERCHNO PLAINS DELAWARE, NORTH DL OR TO 6M</b>																
<b>BTA OIL PRODUCERS FRENCH C 9004 JV-P 1M2418S32E</b>																
OIL	1076	945	955	915	917	808	839	600	676	668	631	738	9768P	27252		
GAS	645	606	646	583	574	548	564	404	442	404	406	449	6271	10436		
WAT	326	216	229	218	225	210	178	162	173	135	120	194	2586	11803		
<b>FRENCH B 9004 JV-P 112418S32E</b>																
OIL	1480	2443	2052	1783	1824	1389	1911	1878	1816	1587	1464	1458	21087P	53606		
GAS	510	925	833	762	689	563	859	974	928	835	723	637	9238	16708		
WAT	1414	1575	1327	1500	1283	1236	1256	1110	1178	1271	1092	1023	15265	33672		
<b>FRENCH 9004 JV-P 4A2418S32E</b>																
OIL	464	430	439	446	429	397	363	380	367	287	400	455	4857P	18943		
GAS	366	296	319	293	311	287	281	288	256	210	287	290	3484	8336		
WAT	519	500	477	458	488	408	426	434	405	371	426	419	5531	18276		
<b>COMPANY TOTAL</b>																
OIL	3020	3820	3446	3144	3170	2594	3113	2858	2859	2542	2495	2651	35712	99801		
GAS	1521	1827	1798	1638	1374	1398	1704	1666	1626	1449	1416	1376	18993	35480</		