

NSL 3/11/98

see Chevron

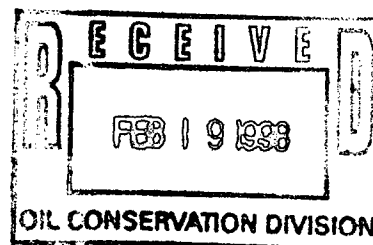


Chevron

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**



**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

<p>16</p> <p>1320 1009 311</p>	<p>774 233 1009</p>	<p>1320 1248 72</p>	<p>774 233 1007</p>	<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p>
	<p>Target area</p>	<p>81 980 774 216</p>		<p>Signature _____</p> <p>Printed Name _____</p> <p>Title _____</p> <p>Date _____</p>
<p>Y=624049.662 X=671160.614</p> <p>874 974</p> <p>774</p> <p>1248' FSL</p> <p>648'</p> <p>774 200 974' FWL</p>		<p>1148 → 1248 → 1048</p>	<p>21 1320 974 346</p>	<p>18 SURVEYOR CERTIFICATION</p> <p>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.</p> <p>FEBRUARY 2, 1998</p> <p>Date of Survey _____</p> <p>Signature and Seal of Professional Land Surveyor</p> <p>EARL FOOTE NEW MEXICO REGISTERED 8278 PROFESSIONAL LAND SURVEYOR</p> <p>Certificate Number 8278</p>

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

DISTRICT II
P.O. Drawer 88, 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

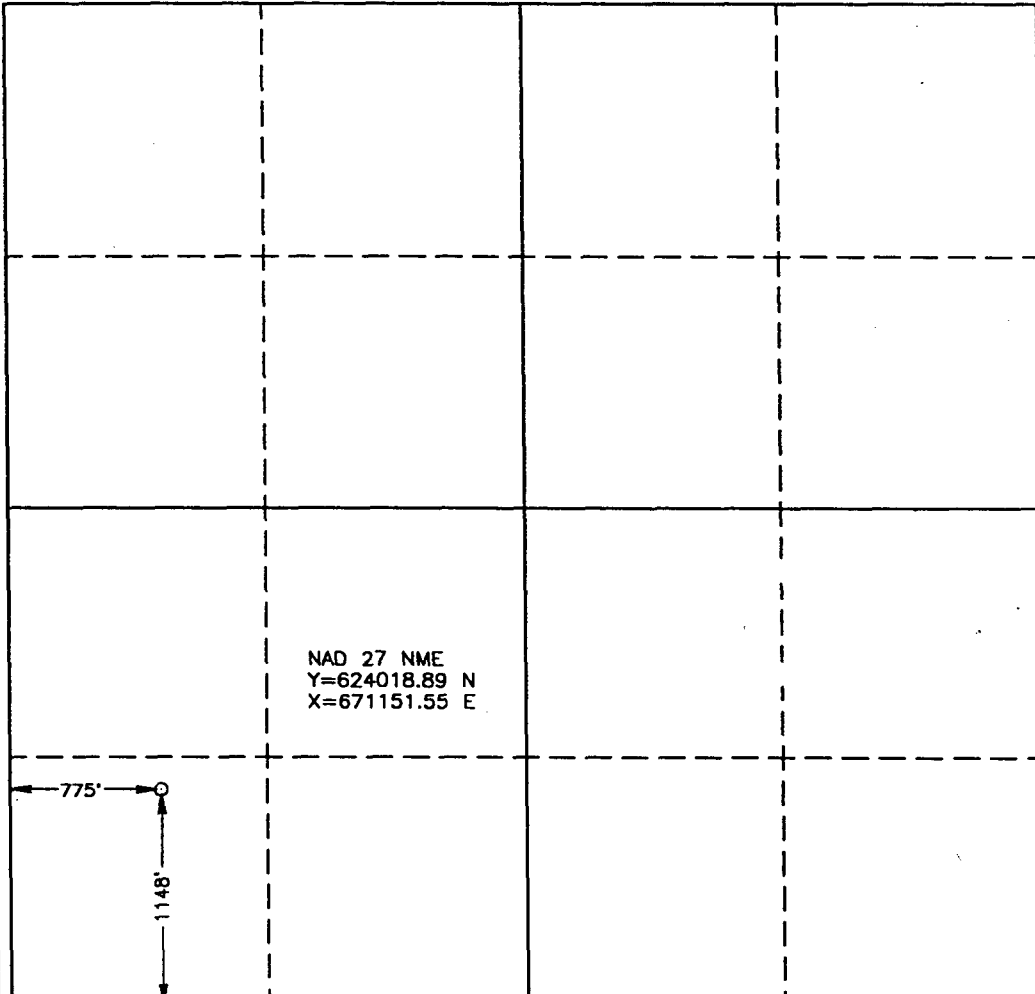
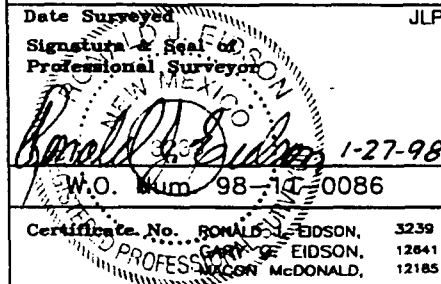
Surface Location

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

				OPERATOR CERTIFICATION <i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i> Signature _____ Printed Name _____ Title _____ Date _____	
				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> JANUARY 20, 1998 Date Surveyed _____ JLP Signature & Seal of Professional Surveyor  W.O. Num 98-10-0086 Certificate No. RONALD E. EIDSON, 3239 RONALD E. EIDSON, 12641 RONALD E. EIDSON, 12185	

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:

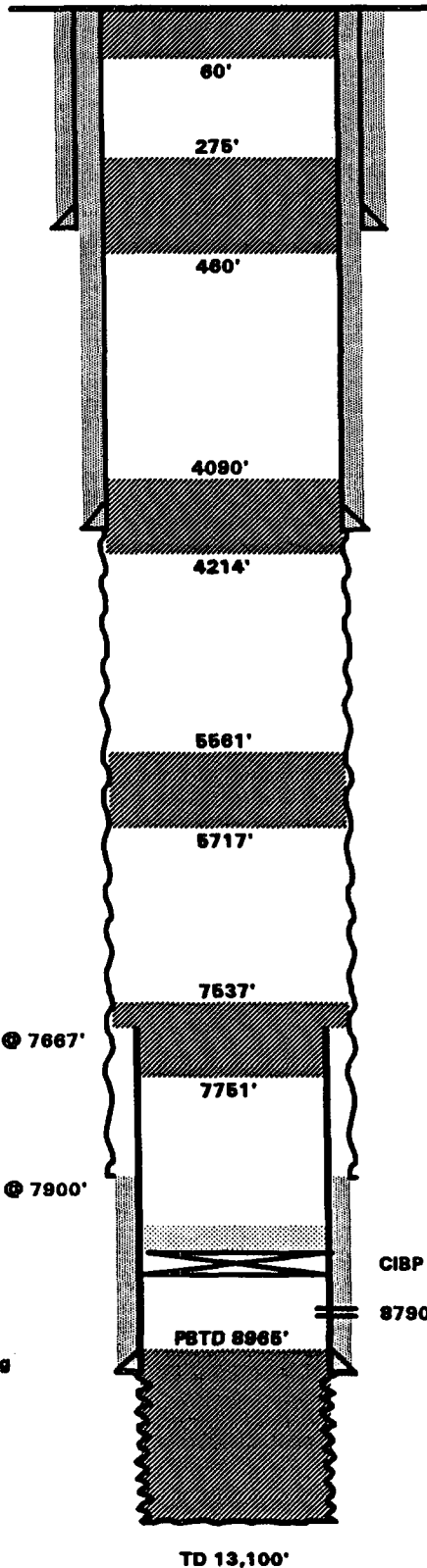
11 3/4", 42#, H-40 Csg
Set @ 416' w/400 sx cmt.
Circulated to surface.

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

5 1/2" csg cut @ 7667'

TOC @ 7900'

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



Data Completed:
Initial Formation:

7/13/81

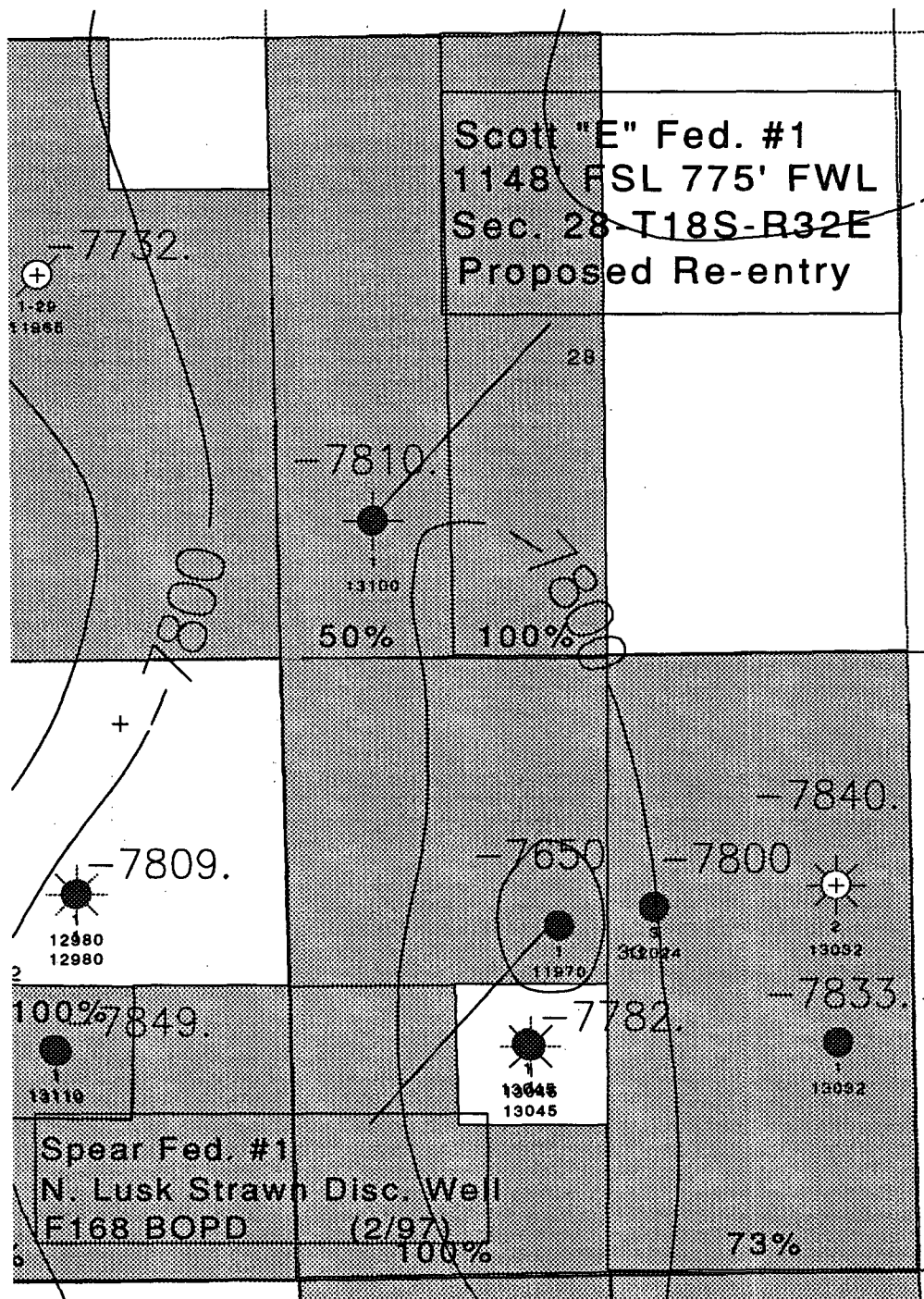
100 sx cmt plugs @ 12,900'-13,100', 12,150'-12,350', 10,150'-10,350'. 200 sx cmt plug @ 8,720-9,000'. DO cmt 8,720'-9,000'. Run 5 1/2" csg.

9/23/81

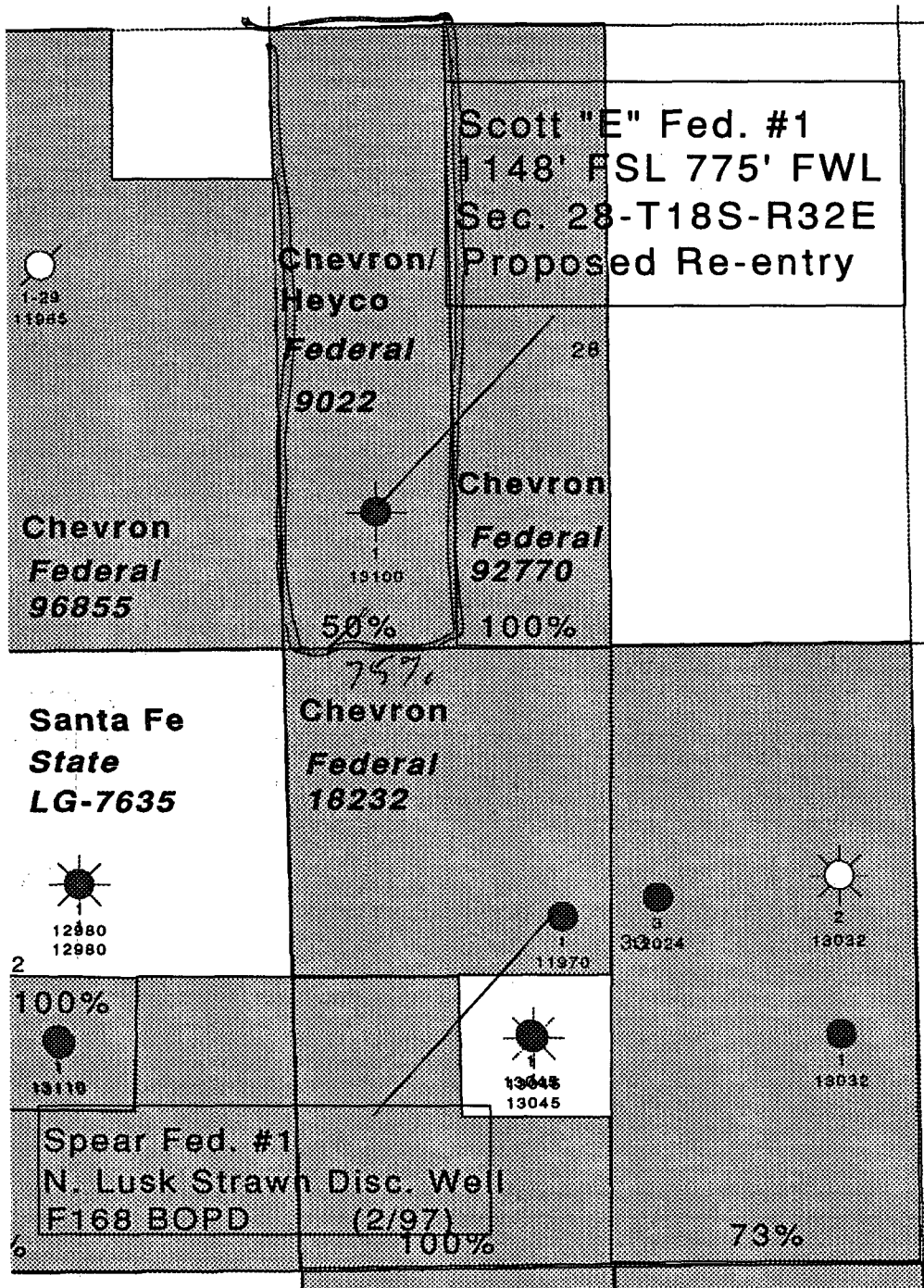
Perf Bone Spring from 8,790'-8,900' w/2 JHPF. Acids w/3 bbl 20% acid.

8/93

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.



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 Land Ownership Map Operators Bordering Scott "E" Fed. #1		
D. Rittersbacher		2/5/98
	Scale 1:18000.	TD> 11,000'



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.
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1148' FSL and 775' FWL
Section 28, T-18-S, R-32-E
North Lusk Strawn Pool
Lea County, New Mexico**

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

Via Registered Mail

Dear Ms. Muhlinghouse:

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 printed name and title.

Dave Rittersbacher
Geologist - New Mexico Area



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

2/23/98

GOVERNOR

RD -3/11/98
POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

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 letter to offset.

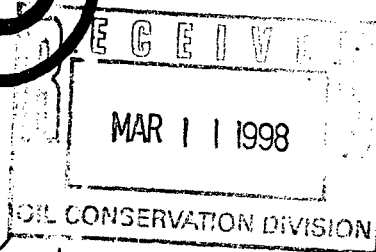
Yours very truly,

Chris Williams

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

☐ **For Your Files**

☐ **Prepare a Reply for My
Signature**

☐ **For Your Review and
Return**

☐ **For Your Information**

☐ **For Your Handling**

☐ **For Your Approval**

☒ **As Per Your Request**

☐ **For Your Signature**

☐ **Please Advise**

☐ **For Your Attention**

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Con
P. 1980

Hobbs, NM 88241

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

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

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

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

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

12 TYPE OF SUBMISSION TYPE OF ACTION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other
EXTENSION

☐ 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 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 12 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 A. GLASS

Title REGIONAL ENGINEER

Date DEC 08 1997

Conditions of approval, if any:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. NM-92770		
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER RE-ENTRY SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A		
2. NAME OF OPERATOR CHEVRON U.S.A. INC. ATTN: J. K. Ripley			7. UNIT AGREEMENT NAME N/A		
3. ADDRESS AND TELEPHONE NO. P. O. BOX 1150, MIDLAND, TX 79702 915-687-7826			8. FARM OR LEASE NAME, WELL NO. SCOTT "E" FEDERAL #1		
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			9. API WELL NO. 30-025-27442		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 15 MILES SOUTH OF MALJAMAR, NM			10. FIELD AND POOL, OR WILDCAT WILDCAT STRAWN		
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1980'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 28, T18S, R32E		
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 4 MILES			12. COUNTY OR PARRISH LEA		
16. NO. OF ACRES IN LEASE 320			13. STATE NM		
17. NO. OF ACRES ASSIGNED TO THIS WELL 40			22. APPROX. DATE WORK WILL START 11/20/96 ****		
21. ELEVATIONS (Show whether DF, RT, GR, ect.) 3710'					

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 BE 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.

****PLEASE EXPEDITE****

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	
(This space for Federal or State office use)					
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. BOYD		TITLE MINERALS		DATE 12/11/96	

*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.

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
Santa Fe, NM 87504-2088

Form C-102

Revised February 10, 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

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

10 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

11 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

Dedicated Acres 40	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

16				17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature <u>J. K. Ripley</u> Printed Name <u>J. K. RIPLEY</u> Title <u>T.A.</u> Date <u>10/22/96</u>
				18 SURVEYOR CERTIFICATION 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. 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% CaCl₂.

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)

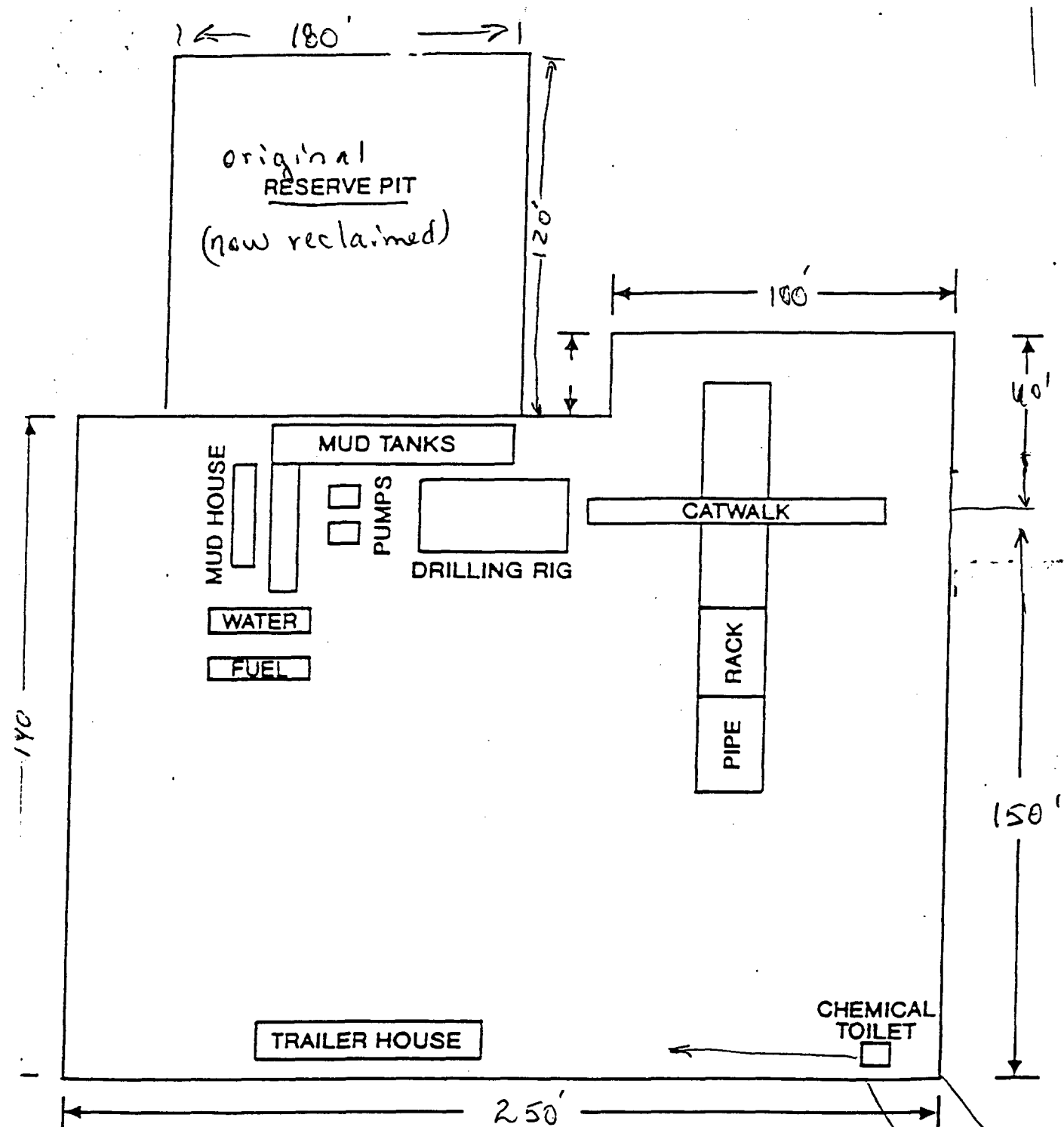
Certification:

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

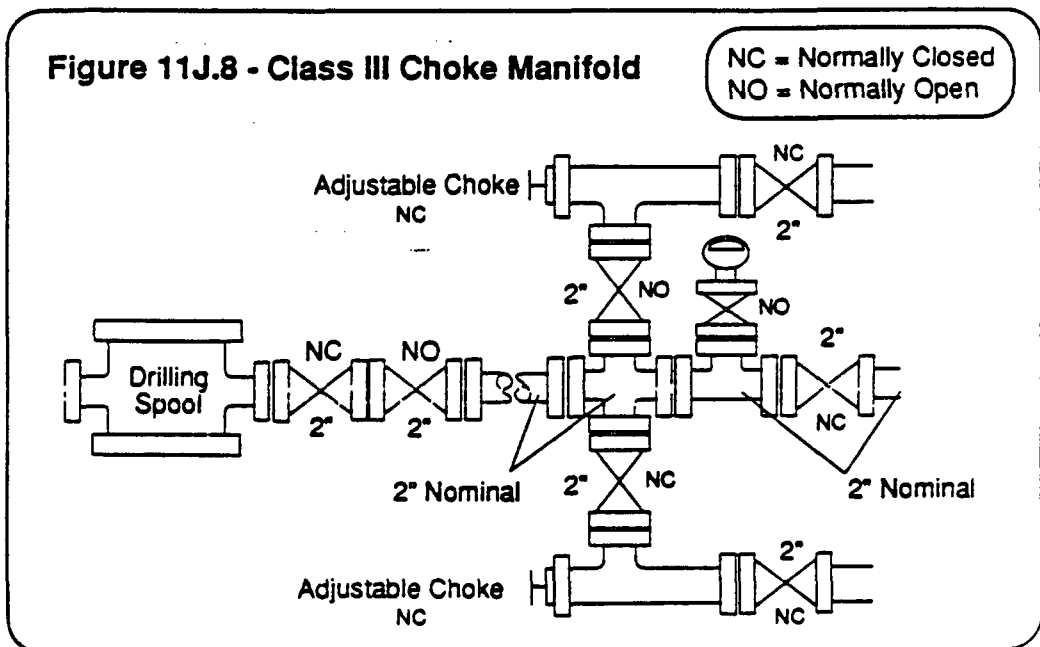
LEA County, New Mexico

PREPARED BY:

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:

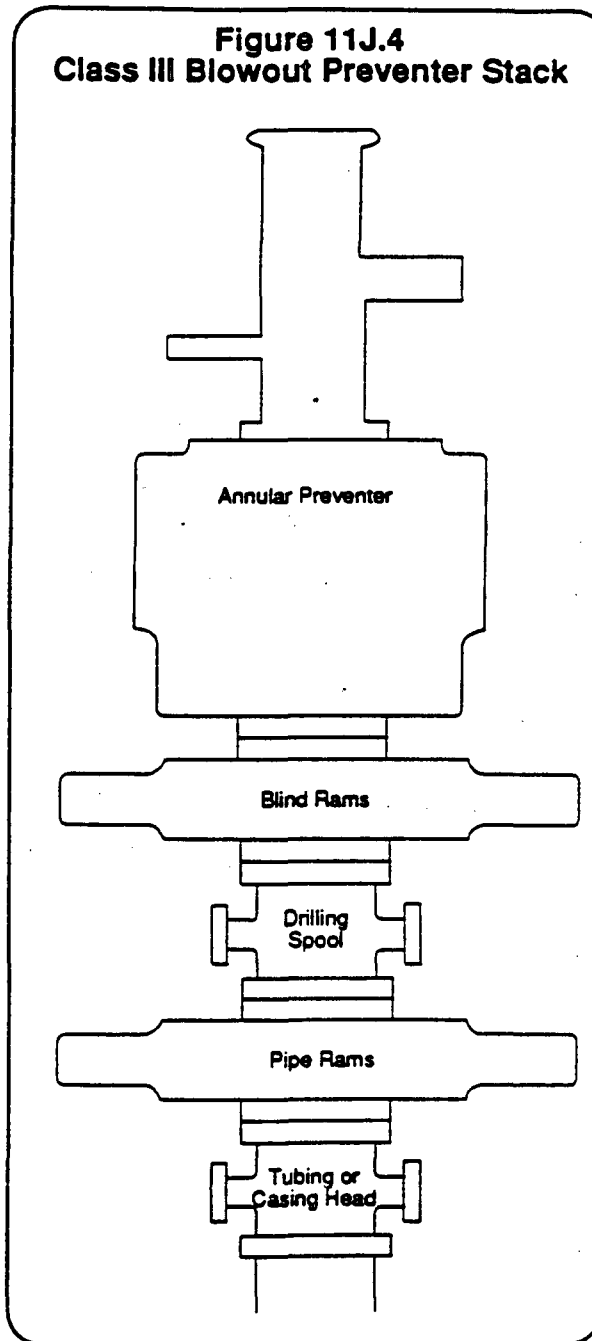
1. The manifold is attached to a drilling spool or the top ram preventer side outlet.
2. The minimum internal diameter is 2" (nominal) for outlets, flanges, valves and lines.
3. Includes two steel gate valves in the choke line at the drilling spool outlet. The inside choke line valve may be remotely 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.

**Figure 11J.4
Class III Blowout Preventer Stack**



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

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 Form 9-331-C for such proposals.)

1. oil ☐ gas ☐ 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:

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

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON* ☐

(other) ☐

SUBSEQUENT REPORT OF:

☐

☐

☐

☐

☐

☐

☐

☐

☐

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.

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.

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

(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

TITLE

DATE

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL IF ANY:

*See Instructions on Reverse Side

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

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

OIL CONSERVATION DIVISION

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

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: <input type="checkbox"/> 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 K : 1980 Feet From The South Line and 1980 Feet From The West Line Section 28 Township 18S Range 32E , NMPM, Lea 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? No	When ?

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			
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			

V. 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 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

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

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 
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 _____

Title _____ **Paul Kautz**
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

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TRANSPORTER	OIL
	GAS
OPERATOR	
PRODUCTION OFFICE	

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

Form C-104
Revised 10-01-78
Format 08-01-83
Page 1

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
<input type="checkbox"/> Recompletion	<input checked="" type="checkbox"/> Oil	<input type="checkbox"/> Condensate
<input type="checkbox"/> Change in Ownership	<input type="checkbox"/> Casinghead Gas	

Other (Please explain)
effective November 1, 1987

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: K : 1980 Feet From The South Line and 1980 Feet From The West				
Line of Section 28 Township 18S Range 32E NMPM, 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)
Pride Pipeline	P.O. Box 2436, Abilene, Texas 79604
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)
Phillips 66 Natural Gas Co.	4001 Penbrook, Odessa, Texas 79761
If well produces oil or liquids, give location of tanks.	Is gas actually connected? When
Unit: K Sec: 28 Twp: 18S Rge: 32E	Yes 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.

Sharon L. Lill
(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

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.

SUBMIT IN TRIPLICATE

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
CARLETON
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

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.

*See Instruction on Reverse Side

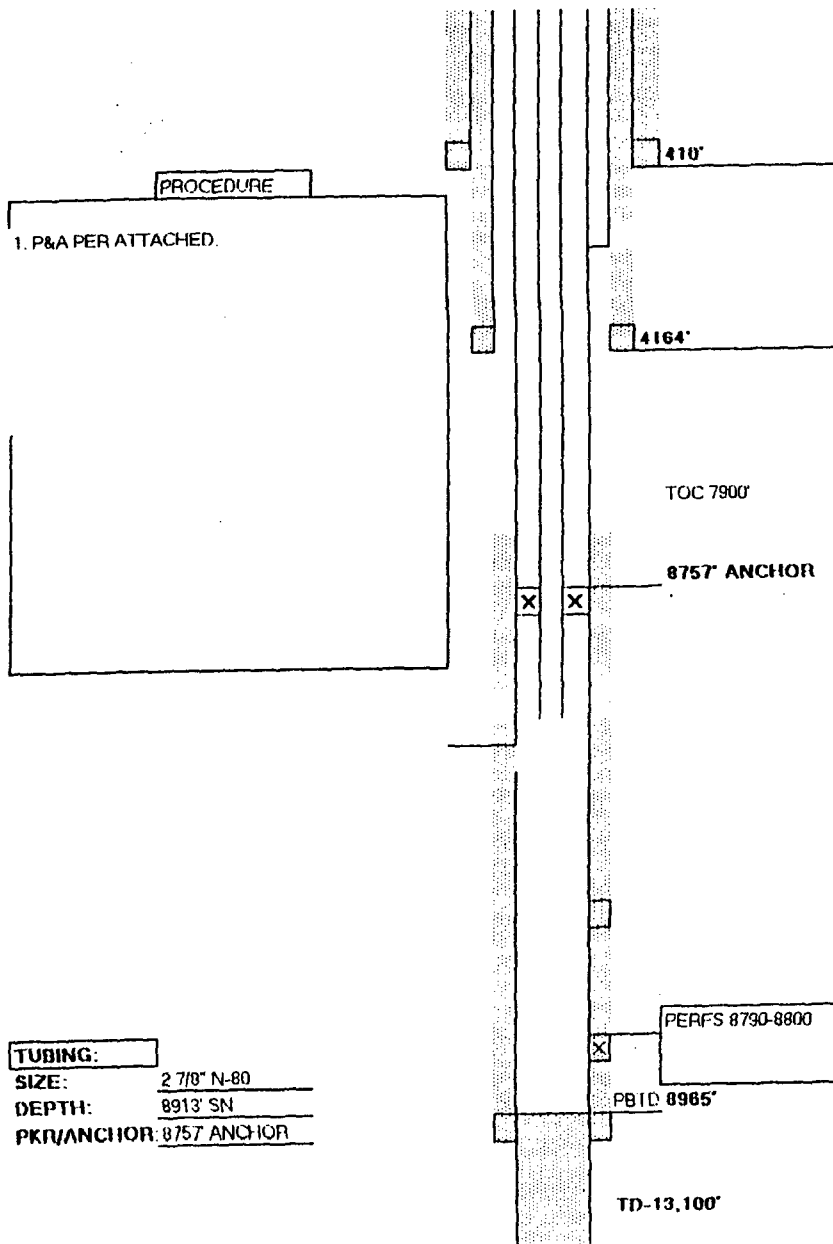
13-Apr-83

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: 8/1/81
 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

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

Form C-104
Revised 10-01-78
Format 08-01-83
Page 1

NO. OF COPIES RECEIVED	
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	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)

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

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

II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>"Dott E" Fed</u>	Well No. <u>1</u>	Pool Name, including Formation <u>Quercus Plain Lower BS</u>	Kind of Lease State, Federal or Fee <u>Fed</u>	Lease No. <u>N11241</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>	NMPM, <u>Yes</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"/>	Address (Give address to which approved copy of this form is to be sent)
<u>Purman Co</u>	<u>P.O. 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 Natl Gas Co</u>	<u>4001 Pembroke Midland TX 79761</u>
If well produces oil or liquids, give location of tanks.	Is gas actually connected? When
<u>Unit K Sec. 28 Twp. 18S Rge. 32E</u>	<u>Yes 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.

Robert H. Bell
(Signature)

Paula
(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 deviate tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for all wells 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

SUBMIT IN TRIPLICATE
(Other Instructions
reverse side.)
Budget Bureau No. 1004-0135
Expires August 31, 1985

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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM 24162	
2. NAME OF OPERATOR Chevron U.S.A. Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. Box 670, Hobbs, NM 88240		7. UNIT AGREEMENT NAME	
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		8. FARM OR LEASE NAME Scott 'E' Federal	
14. PERMIT NO.		9. WELL NO. 1	
15. ELEVATIONS (Show whether OF, RT, OR, etc.) 3710' GL		10. FIELD AND POOL, OR WILDCAT Querecho Plain Lower Bone Spring	
		11. SEC., T., R., M., OR S.E. AND SURVEY OR AREA Sec. 28, T18S, R32E	
		12. COUNTY OR PARISH Lea	
		13. STATE NM	

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐
☐
☐
☐

PCLL OR ALTER CASING

☐
☐
☐
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

☒

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐
☐
☐
☐

FRACTURE TREATMENT

REPAIRING WELL

☐
☐
☐
☐

SHOOTING OR ACIDIZING

ALTERING CASING

ABANDONMENT*

(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 communization 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

JUN 30 1985

CARLSBAD, NEW MEXICO

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

SIGNED

W. W. Casey

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.

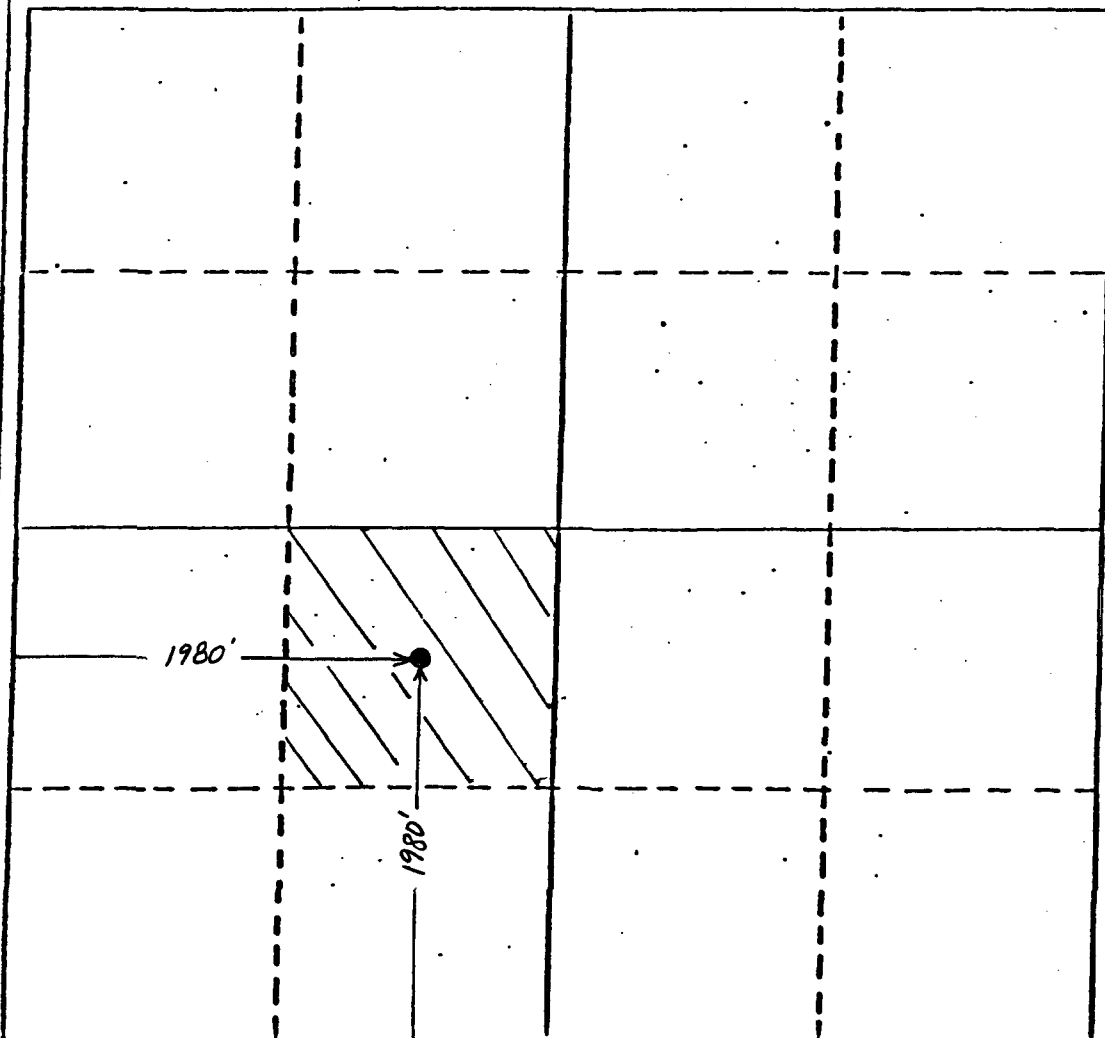
Operator Chevron U.S.A. Inc.		Lease Scott 'E' Federal		Well No. 1
Unit Letter K	Section 28	Township 18S	Range 32E	County Lea
Actual Postage Location of Well: 1980 feet from the South line and 1980 feet from the West line				
Ground Level Elev. 3710'	Producing Formation Bone Springs	Pool Querecho Plain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

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

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

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.



CERTIFICATION

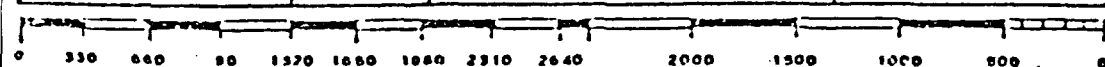
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name Mr. 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. _____



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

NO. OF COPIES RELEASED	
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LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRORATION OFFICE	

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

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

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 filing (Check proper box)

<input type="checkbox"/> New Well	Change in Transporter of:	Other (Please explain) <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	
	<input type="checkbox"/> Dry Gas	
	<input type="checkbox"/> Condensate	

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 Scott "E" Fed	Well No. 1	Pool Name, including Formation Querecho Plain Lower Bone Spring	Kind of Lease State, Federal or Fee Federal	Lease No. NM24162
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, Lea County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

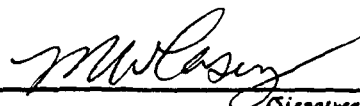
Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> Permian Corporation	Address (Give address to which approved copy of this form is to be sent) Box 3119, Midland, TX 79701
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> Phillips 66 Natural Gas Company	Address (Give address to which approved copy of this form is to be sent) 4001 Penbrook, Odessa, TX 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.


(Signature)
Division Proration Engineer
(Title)
7/24/86
(Date)

OIL CONSERVATION DIVISION

APPROVED JUL 28 1982, 19_____
BY ORIGINAL SIGNED BY JERRY SEYTON
DISTRICT I SUPERVISOR
TITLE _____

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
verse side)

DATE
OR TO

Expires August 31, 1985

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 Comm

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT
Bone Springs

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

Sec 28 T18S R32E

12. COUNTY OR FARMER

Lea

13. STATE

NM

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.)

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, to, or, etc.)

3710 GL

16.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PCLL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANE

SUBSEQUENT REPORT OF:

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

DEC 19 1985

CARLISBAD, NEV. MEXICO

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

SIGNED

TITLE

Division Drilling Manager

DATE

12-16-1985

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*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

COMMISSION
SUBMIT IN 181
(Other instructions
verse side)
88240

CASE
NO. 10

Expires August 31, 1985

6. LEASE DESIGNATION AND SERIAL NO.

NM 24162

8. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

9. 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., M., OR BLK. AND
SURVEY OR AREA

Sec 28 T18S R32E

12. COUNTY OR PARISH
Lea

13. STATE
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 OF, BT, OR, etc.)

3710 GL

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐

PCLL OR ALTER CASING

☐

FRACTURE TREAT

☐

MULTIPLE COMPLETE

☐

SHOOT OR ACIDIZE

☐

ABANDON*

☐

REPAIR WELL

☒

CHANGE PLANE

☐

(Other)

☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐

REPAIRING WELL

☐

FRACTURE TREATMENT

☐

ALTERING CASING

☐

SHOOTING OR ACIDIZING

☐

ABANDONMENT*

☐

(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

NO. OF COPIES REQUIRED	
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SANTA FE	
FILE	
U.S.S.	
LAND OFFICE	
TRANSPORTER	<input type="checkbox"/> OIL <input type="checkbox"/> GAS
OPERATOR	
PRODUCTION OFFICE	
Operator	

Gulf Oil Corporation

Address

P. O. Box 670, Hobbs, NM 88240

Reason(s) for filing (Check proper box)

New Well ☐Recompletion ☐Change in Ownership ☐

Change in Transporter of:

Oil ☐Casinghead Gas ☒Dry Gas ☐Condensate ☐

Other (Please explain)

If change of ownership give name
and address of previous owner

DESCRIPTION OF WELL AND LEASE

Lease Name Scott "E" Fed Com	Well No. 1	Pool Name, including Formation Querecho Plain Lower Bone Spring	Kind of Lease State, Federal or Fee Federal	Lease NM-241
Location Unit Letter K : 1980 Feet From The South Line and 1980 Feet From The West Line of Section 28 Township 18S Range 32E , 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"/> Permian Corporation	Address (Give address to which approved copy of this form is to be sent) Box 3119, Midland, TX 79701					
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> Phillips Petroleum Co.	Address (Give address to which approved copy of this form is to be sent) Phillips Bldg., Odessa, TX 79760					
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:

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)

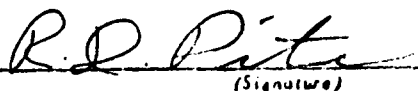
Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF

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.



Area Engineer

4-6-82

(Date)

OIL CONSERVATION DIVISION

APPROVED **APR 13 1982**, 19BY **ORIGINAL SIGNED BY**

JERRY SEXTON

TITLE **DISTRICT 1**

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.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-24162	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESER. <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Gulf Oil Corporation		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 670, Hobbs, NM 88240		8. FARM OR LEASE NAME Scott "E" Federal Com	
4. LOCATION OF WELL (Report location clearly and in accordance with any U.S. Geological Survey instructions) At surface 1980' FSL & 1980' FWL At top prod. interval reported below At total depth		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	
14. PERMIT NO.		DATE ISSUED SEP 24 1981	
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, RKB, 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 --			26. WAS DIRECTIONAL SURVEY MADE No
27. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 8790'-8800' Bone Springs			28. WAS WELL CORED No
29. TYPE ELECTRIC AND OTHER LOGS RUN CNL-FDC-GR; DLL-RXO, RFT			
30. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
11-3/4"	42#	416'	14-3/4"
8-5/8"	28#	4,158'	11"
5 1/2"	17#	9,000'	7-7/8"
CEMENTING RECORD			
400 sx - circ			
1700 sx - circ			
225 sx - TSTOC 7900'			
AMOUNT PULLED			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
			SCREEN (MD)
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-7/8"	8935'		
31. PERFORATION RECORD (Interval, size and number)			
8900'-8790' w/(2) 1/2" JHPF (20 holes)			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
8900'-8790'		3 bbls 20% NEFE	
33.* PRODUCTION			
DATE FIRST PRODUCTION 8-4-81		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pump	
WELL STATUS (Producing or shut-in) Producing			
DATE OF TEST 9-5-81	HOURS TESTED 24	CHOKE SIZE W.O.	PROD'N. FOR TEST PERIOD -->
FLOW, TUBING PRESS. 19#	CASING PRESSURE 25#	CALCULATED 24-HOUR RATE -->	
197	95	88	482
197	95	88	36.9°
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Flared			
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 R.D. Pitzer		DATE 9-23-81	
TITLE Area Engineer			

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

ACCEPTED FOR RECORD
ROGER A. CHAPMAN
SEP 24 1981
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

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.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Gulf Oil Corporation		8. FARM OR LEASE NAME Scott "E" Fed Com	
3. ADDRESS OF OPERATOR P. O. Box 670, Hobbs, NM 88240		9. WELL NO. 1	
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		10. FIELD AND FOOT, OR WILDCAT Querecho Plains Lower Bone Springs	
14. PERMIT NO.		15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3710' GL	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 28-T18S-R04E-R 32E	
		12. COUNTY OR PARISH Lea	
		13. STATE NM	

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input checked="" type="checkbox"/> Perfd, Aczd, Set PE	

(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.)*

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

SIGNED

TITLE Area Engineer

DATE 9-23-81

(This space for Federal or State office use)

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

TITLE

DATE

CONDITIONS OF APPROVAL

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

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

DEPARTMENT OF	
REVENUE	
STATE	
NEW MEXICO	
AND OFFICE	
TRANSPORTER	OIL GAS
OPERATOR	
PRODUCTION OFFICE	
Operator	

CASINGHEAD GAS MUST NOT BE
PLACED AFTER 10/4/81
UNLESS AN EXCEPTION TO RULE 110
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: Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>
Recompletion <input type="checkbox"/>	New Well
Change In Ownership <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
(11-1-81)

DESCRIPTION OF WELL AND LEASE

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

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> Permian Corporation	Address (Give address to which approved copy of this form is to be sent) Box 3119, Midland, TX 79701					
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. 18S	Rge. 32E	Is gas actually connected? No	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't. <input type="checkbox"/>	Full R <input type="checkbox"/>
Date Spudded 5-31-81	Date Compl. Ready to Prod. 8-4-81		Total Depth 13,100'		P.B.T.D. 8965'			
Elevations (DF, RKB, RT, GR, etc.) 3710' GL	Name of Producing Formation Bone Spring		Top Oil/Gas Pay 8790'		Tubing Depth			
Perforations 8790'-8900'						Depth Casing Shoe		
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE 14-3/4"	CASING & TUBING SIZE 11-3/4"		DEPTH SET 416'		SACKS CEMENT 400			
11"	8-5/8"		4158'		1500			
7-7/8"	5 1/2"		9000'		225			

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 of
able for this depth or be for full 24 hours)

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

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MCF	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
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 _____
Orig. Signed By
J. S. D.
J. S. D.

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 avail-
able tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely or it
will be considered incomplete.
Fill out only Sections I, II, III, and VI for change of op-

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>2 2675</u>	<u>2 8342</u>	
<u>1 1/4 2875</u>	<u>1 1/2 8615</u>	
<u>3/4 3375</u>	<u>1 8774</u>	
<u>3/4 3753</u>	<u>3 1/4 9200</u>	
<u>3/4 4158</u>	<u>2 3/4 9315</u>	
<u>1/2 4620</u>	<u>2 1/2 9544</u>	
<u>1 1/4 5056</u>	<u>3 9800</u>	
<u>2 1/4 5540</u>	<u>2 3/4 10214</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.

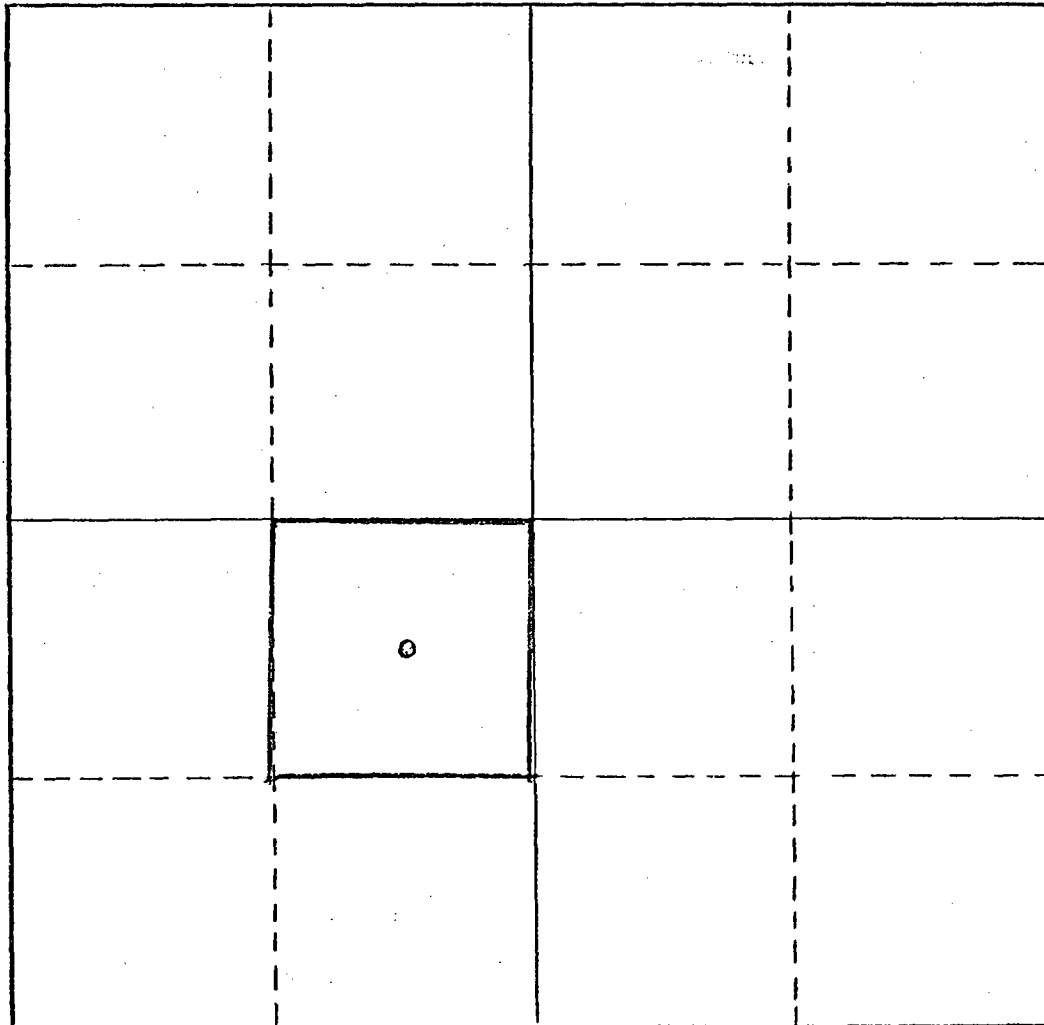
Operator Gulf Oil Corporation			Lease Scott "E" Fed Com		Well No. 1
Unit Letter K	Section 28	Township 18S	Range 32E	County Lea	
General Location of Well:					
1980 feet from the South line and		1980 feet from the West line			
Ground Level Elev. 3710'	Producing Formation Bone Spring		Pool Querecho Plain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

R. D. Pitre

Position

Area Engineer

Company

Gulf Oil Corporation

Date

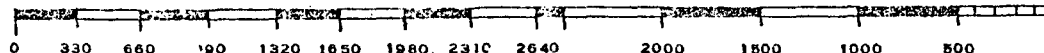
8-5-81

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 ^{N.M.O.C.D. COPY} DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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.)

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 13. STATE

Lea

NM

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

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

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

Casing

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

X

(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

(This space for Federal or State office use)

TITLE Area Drilling Superintendent DATE 8-4-81

APPROVED BY

AUG 11 1981

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

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.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. NM-24162
2. NAME OF OPERATOR Gulf Oil Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 670, Hobbs, NM 88240		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) 1980' FSL & 1980' FWL		8. FARM OR LEASE NAME Scott "E" Federal Com
14. PERMIT NO.		9. WELL NO. 1
15. ELEVATIONS (Show whether DF, RT, CR, etc.) 3710' GL		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

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. P. Vandyke

TITLE **Area Drilling Superintendent**

DATE **6-18-81**

(This space for Federal or State office use)

APPROVED BY

ROGER A. CHAPMAN

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

JUN 24 1981

COPY TO O. G. C.

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.)

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

RECEIVED

JUN 5 1981

U.S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

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

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

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

Casing

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

X

(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% CaCl₂. 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

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

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-025-27442

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

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

15. 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

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17½"	13-3/4"	48#	400'	525 sacks - circ
12½"	8-5/8"	28#	4,200'	1200 sacks - circ
7-7/8"	5½"	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)

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.

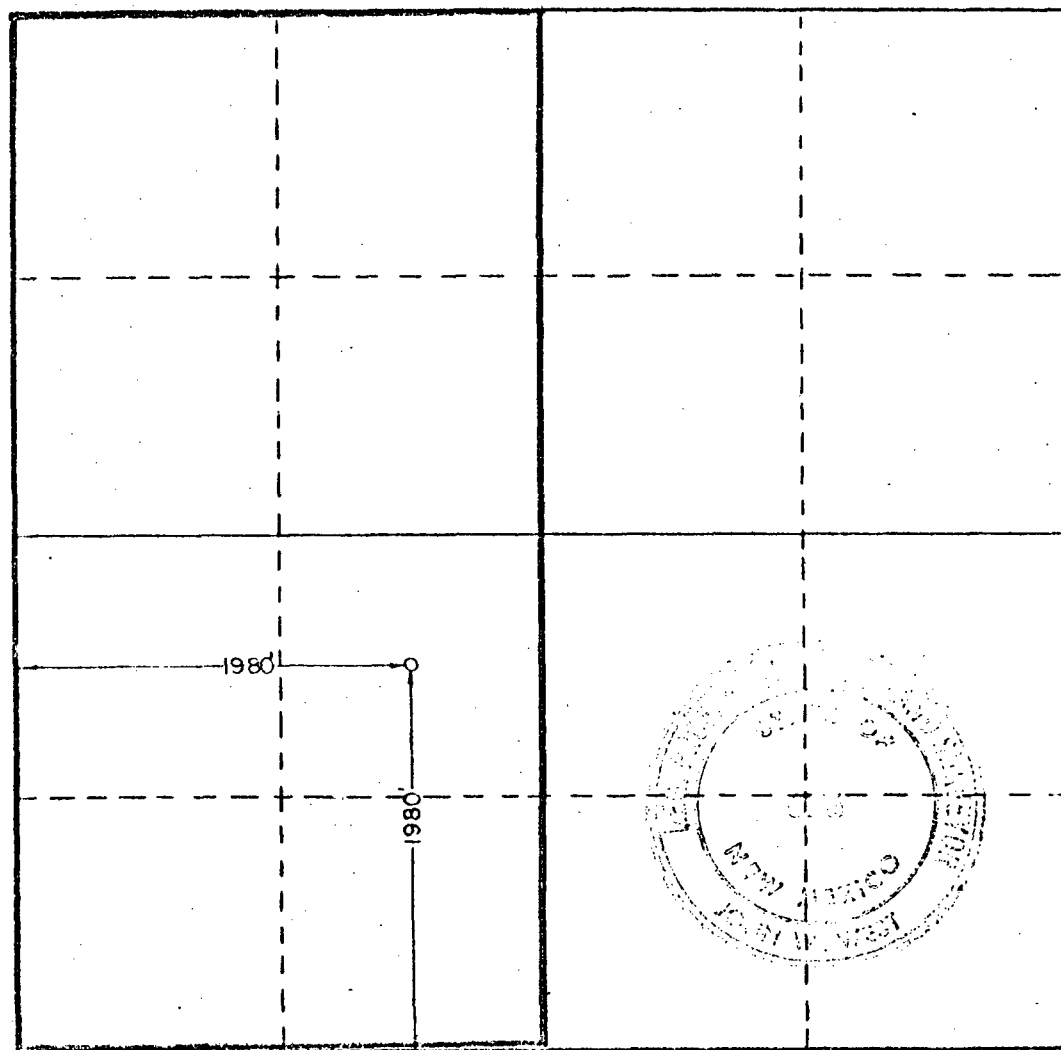
Operator Gulf Oil Corporation		Lease Scott "E" Federal Comm.		Well No. 1
Section K	Section 28	Township 18 South	Range 32 East	County Lea
Actual Footage Location of Well: 1980 feet from the south line and 1980 feet from the west line				
Ground Level Elev. 3710.0	Producing Formation Morrow	Pool Lusk Morrow,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

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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 6683
Ronald J. Eidson 3239

0 340 680 1020 1360 1700 2040 2380 2720 3060 3400 3740 4080 4420 4760 5100 5440 5780 6120 6460 6800

County Lea

Pool North Lusk-Strawn

TOWNSHIP

18 South

RANGE

32 East

NMPM

6	5	4	3	2	1		
7	8	9	10	11	12		
18	17	16	15	14	13		
19	20	21	22	23	24		
30	29	28	27	26	25		
31	32	33	34	35	36		

Description: NW 1/4 Sec. 33 (R-10795, 4-28-92)

WELL S T R	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC 1993	PROD MP	ACCU

NORTH LEA FEDERAL														
401020S34E OIL	1359	2474	2369	2183	2625	2570	2515	2606	2141	2457	2266	2330	27895P	61945
GAS	451	575	829	589	722	1136	962	995	954	1207	1009	1331	10760	20034
WAT	562	751	501	178	147	31	23	32	191	39	75	43	2535	7851
5C1020S34E OIL	3125	2608	3118	301L	3302	3238	3385	3335	2942	3320	3375	3713	38704P	66582
GAS	915	644	533	538	1178	1204	1397	1006	905	1092	904	1273	11609	19754
WAT	1142	826	367	1105	939	899	954	894	1930	534	430	1042	11282	15922
6B1020S34E OIL	1760	1304	1746	1254	1400	2145	3127	2961	3166	4255	3967	5378	32463P	38227
GAS	517	251	420	537	623	458	944	772	954	1174	1023	1362	8830	8887
WAT	1275	1337	1444	221	229	3769	6269	5344	4797	6462	4741	5685	41571	44002
761020S34E OIL	1273	2805	2491	2841	3946	2630	3208	3911	3589	3202	2937	3122	33934P	35934
GAS	183	446	439	309	1204	557	944	861	975	999	836	1590	9564	9564
WAT	747	2377	2567	4030	4625	4338	4359	4408	4038	7017	4944	4423	46089	46089
8F1020S34E OIL				1239	2003	1431	1313	1137	1024	2398	1402	3566	15513P	15513
GAS				435	938	682	776	975	881	925	1000	1432	8064	8064
WAT				88	108	47	17	22	129	7361	7290	7941	23003	23003
9H1020S34E OIL				2360	3072	3356	3305	3260	3409	3046	3396	23404P	25404	25404
GAS				758	666	869	896	780	997	787	465	6218	9218	9218
WAT				4723	3743	5487	5105	4571	6537	4768	6140	41074	41074	41074
10A1020S34E OIL				2130	1816	2596	2419	2060	2129	2051	2251	19597P	19597	19597
GAS				508	716	1211	944	889	836	1118	974	1816	9012	9012
WAT				2912	2847	1967	2352	2244	2810	2061	3314	22951	22951	22951
LEASE TOTAL OIL	7515	9191	9724	12882	18017	16922	19500	19664	18182	21170	18987	23756	195310	263202
GAS	1861	1916	2261	3156	6139	3914	4636	6394	6285	7512	6334	9269	64077	81333
WAT	3724	5271	5079	8534	13618	12994	19657	18049	17900	30760	24329	28570	188485	200852

COMPANY TOTAL OIL														
GAS	14217	15501	17807	20538	25145	24197	27853	27819	26760	29961	29819	40466	300883	495125
WAT	3971	3884	4477	5387	8426	7647	8855	8806	9082	11086	10825	15410	97856	148817
WAT	5224	6703	9865	12986	18793	19569	26505	23717	22745	37894	37889	42051	263941	306676

SNOW OIL & GAS INC.														
FEDERAL SCJ														
1A 920S34E OIL	1248	489	134	72	110	165	139	319	118		11	70	2875P	2875
GAS	3			674	723	1590	1495	2081	637				12887	12887
WAT	3120	1639	908											

POWELL FEDERAL														
1P 420S34E OIL	329	349	266		220	249	261	361	390	286	261	337	3309P	45206
GAS	44	164	45		10	2	112	68	46	293	53	245	1082	22801
WAT	185	155	362		248	213	122	364	279	284	212		2424	22243

UNION A FEDERAL														
2K1020S34E OIL	369	23										8	400P	4163
GAS													135	135
WAT	5287												5287	22494

COMPANY TOTAL OIL														
GAS	1946	861	400	72	330	414	400	680	508	286	272	415	6584	52244
WAT	44	164	45	674	10	2	112	68	46	293	53	245	1082	22936
WAT	8592	1794	1270		971	1803	1617	2445	936	284	212		20598	37624

QUAIL RIDGE YATES, SOUTH														

DEVON ENERGY CORP. (NEVADA)														

MESCALERO RIDGE UNIT MA														
3202819S34E OIL	21	20	7	15	19	18	17	19					136P	27119
GAS	52	66	82	135	78	85	87	23					636	22682
WAT	18	12	14	12	14	16	20	12		5	1	3	118	9347

QUANADA RIDGE DELAWARE (ABANDONED) DL														

PERRY R. BASS														

R H LEGG FEDERAL														

182722S30E OIL														

GAS														
WAT														

PLUGGING APPROVED 1967														

