NSL 3/11/98

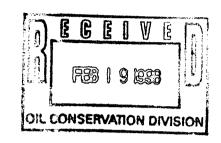


February 18, 1998

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

see Cher 91.



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

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 ½" 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



Via Overnight Mail

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 ½" 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.

ritta chevron. com

Sincerely,

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. Cohlmia

Central Files

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

<sup>1</sup>API Number

Property Code

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088 Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

AMENDED REPORT

# WELL LOCATION AND ACREAGE DEDICATION PLAT Pool Code Property Name Well Number

SCOTT E. FEDERAL COM.								· 1		
OGRID No.					*Operator Name				*Elevation	
•				(	CHEVRON U.S.A., INC.				3719'	
				1	<sup>o</sup> Surface l	Location				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
М	28	18-S	32-E		1148	SOUTH	774	WEST	LEA	
		11	Botton	Hole	Location If	Different F	rom Surfac	е		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
<sup>12</sup> Dedicated Acr	es <sup>13</sup> Joint	or Infill 140	Consolidatio	n Code 18	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	774	12 4 6 1 1 2 4 6 1 1 2 4 6 1 1 2 4 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	74 7237	17 OPERATOR CERTIFICATION  I hereby cartify that the information contained herein is true and complete to the best of my knowledge and belief.
	of area	J. J.	A STAN	Signature Printed Name Title Date
an an	Jargat area	1148 710	g 94B	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 best of my belief.  FEBRUARY 2:-1998
Y=624049.662 X=671160.614	1244 FSL 200 1 FWL		346	Signature and Seel of Sold ME Schweyor.  8278  Residue Number 8278

DISTRICT I P.O. Box 1980, Hobbs, NM 88841-1980

#### State of New Mexico

Rosrey, Minerals and Natural Resources Department

Form C-102 Revised February 10, 1994 Submit to Appropriate District Office

DISTRICT II P.O. Drawer DD, Artenia, NM 88211-0719

State Lease - 4 Copies Fee Lease - 3 Copies

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

#### OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

1-27-98

3239 12641 12185

10086 - 10 - 10 - 10086

Certificate No. SONLES EDSON.

PROFESSIONE EIDSON.

MEDONALD,

DISTRICT IV P.O. Box 2068, Santa Fe, NM 87504-2088

API	Number			Pool Code		,	Pool Name		
Property (	Code		<u> </u>	SC	Property Na			Well Num	ber
OGRID N	D.	<u> </u>			Operator Na		<del></del>	Elevatio	n
·····	· · · · · · · · · · · · · · · · · · ·	<u> </u>	CHE	VRON L	J.S.A. PRODI	JCTION COMPA	NY	3718	
					Surface Lo	cation			
L 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	<u> </u>	1148	SOUTH	775	WEST	LEA
			Bottom	Hole Lo	cation If Dif	erent From Sur	face		
i or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
edicated Acre	a Joint o	or Infill   C	onsolidation	Code 0	rder No.				<u> </u>
NO ALLO	DWABLE A					UNTIL ALL INTER		EEN CONSOLIDA	ATED
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	· '				l 1		best of my kno	wledge and belief.	
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					[		Date		
					i		SURVEY	OR CERTIFICA	TION
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							on this plat t	vas plotted from fle	d notes
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	 o	<b>├                                    </b>		+			- Signatura d	ARY 20, 19	

#### **WELL DATA SHEET**

#### FIELD: Lusk Morrow North

WELL NAME: Scott "E" Federal #1

#### FORMATION:

LOC: 1980' FSL & 1980' FWL

TOWNSHIP: 188 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:

Date Completed: Initial Formation:

#### 7/13/81

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

#### 9/23/81

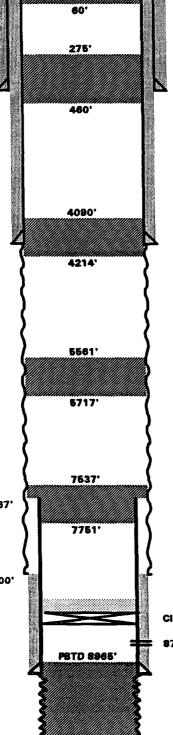
Perf Bone Spring from 8,790'-8,900' w/2 JHPF. Acdz w/3 bbl 20% acid.

#### 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 80' to surface w/15 sx.

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 ex cmt. Circulated to surface.

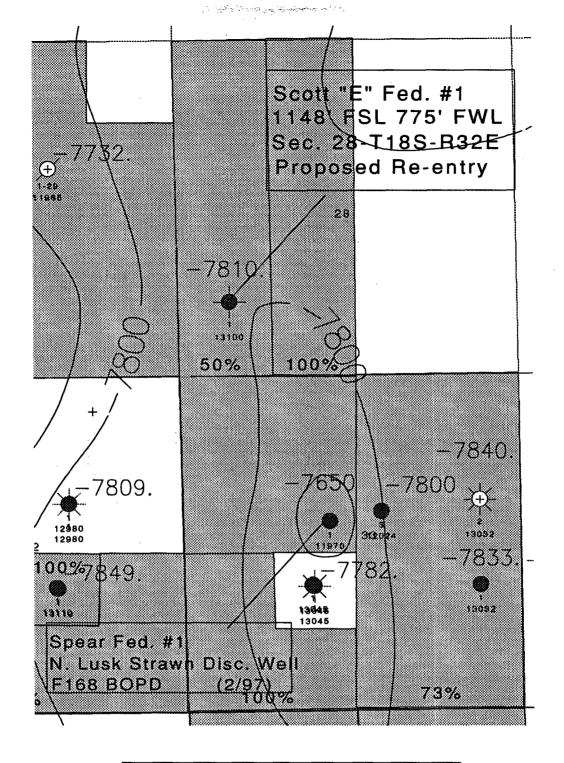


5 1/2" ceg cut @ 7667'

TOC @ 7900'

5 1/2", 17#, N-80 & K-55 Ceg Set @ 9000' w/225 sx cmt. TOC @ 7900' by TS CIBP @ 8730' capped w/60' cmt.

8790'-8900' Bone Spring perfs

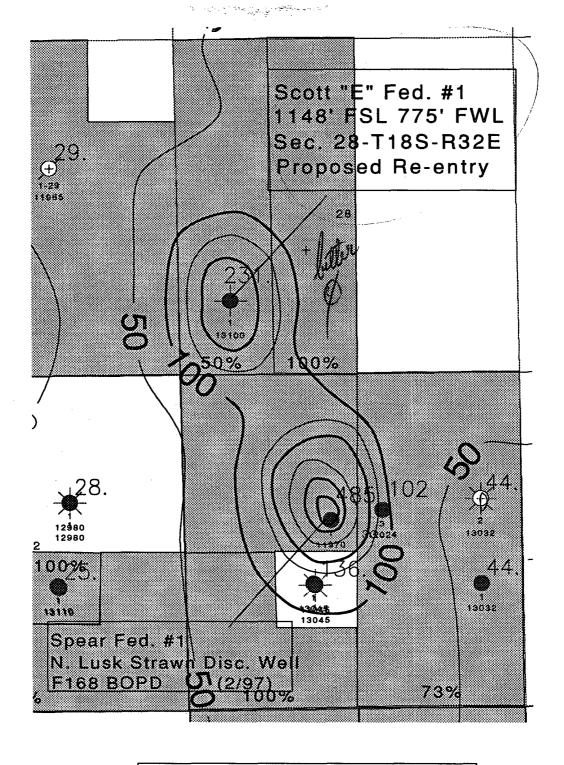




#### **CHEVRON USA**

North Lusk Structure Map - Top Strawn Wells > 11,000' TD

	<u> </u>	
D. Rittersbacher	C.I. = 100'	2/5/98
	Scale 1:18000.	

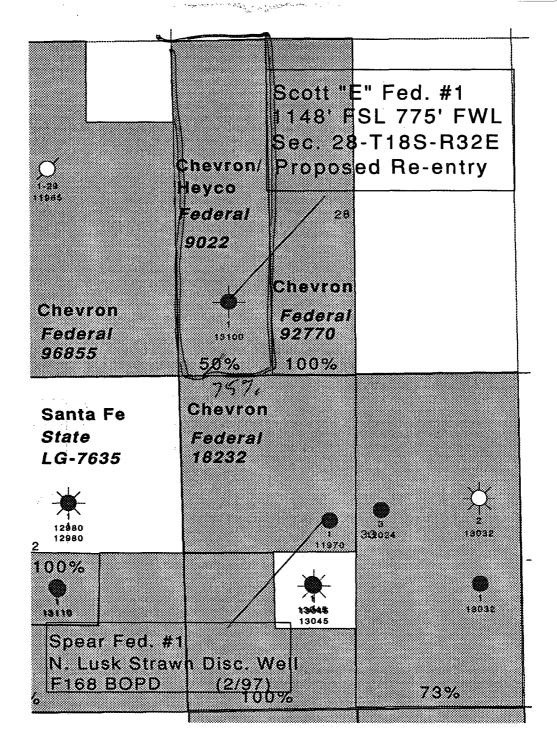




### **CHEVRON USA**

North Lusk Isopach Map Clean Limestone - Strawn Pay Zone

D. Rittersbacher	C.I. = 50'	2/5/98
GR<= 50 API	Scale 1:18000.	TD > 11,000'





#### **CHEVRON USA**

North Lusk Land Ownership Map Operators Bordering Scott "E" Fed. #1

D. Rittersbacher		2/5/98	
	Scale 1:18000.	TD> 11,000'	



February 18, 1998

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

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

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

Dear Ms. Muhlinghause:

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

Chevron proposes to re-enter the Scott "E" Federal #1 (Scott #1) at a non-standard location and test the Strawn at a depth of about 12,000'. The Scott #1 was originally staked at 1980' FSL 1980' FWL section 28-T18S-R32E and was drilled to 13,100' by Gulf Oil Company, testing the Morrow Formation in July, 1981. The Morrow was non-productive and the well was completed in the Querecho Plains Bone Spring Pool. Gulf was acquired by Chevron and Chevron sold the well to Harvey Yates Co., who subsequently sold the well to Smith and Marrs, Inc. The 5 ½" 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,

Dave Rittersbacher

Geologist - New Mexico Area

Dave Rittersbache

#### · STATE OF NEW MEXICO



#### ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

## OIL CONSERVATION DIVISION HOBBS DISTRICT OFFICE

GOVERNOR

2/23/98

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  NSP  SWD  WFX  PMX
Gentlemen:
I have examined the application for the:  Chevron USA Inc. Scott & Federal I-K-28-18-32 Operator Lease & Well No. Unit S-T-R
Med to sufnet map leasting project area with
Med to sufmit map deading project area with producing external, tech off point, Bottom role location and little to offset.
Yours very truly,

Chris Williams

Supervisor, District 1

To Mike Stogner



From

DONNA 3/9/98

## Energy & Minerals Department OIL CONSERVATION DIVISION

OIL CONSERVATION DIVISION P 0 Box 1980 Hobbs NM 88241

Te	elephone 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 .
Ø	As Per Your Request	☐ For Your Signature
	Please Advise	☐ For Your Attention

Form 3130-9 (June 1990)

• •

### ITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT N.M. OII CON

FORM APPROVED
Budget Bureau No. 1004-013
Expires: March 31, 1993

Expires:	March	31,	1993

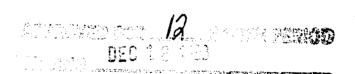
5.	Lease	Designation	and	Serial	No

	SUNDRY NOTICES AN	D REPORTS ON W	ELHobbs	NM 88241
Oo not use this form	SUNDRY NOTICES AN for proposals to drill or	deepen or reentry	to a differe	nt reservior

	MIN	-921	70		_
lf lı	ndian,	Allotte	or Trib	e Name	

or not don this form to propose to orm or	acopon or roundly to a annual and roundly	
Use "APPLICATION I	FOR PERMIT-" for such proposals	N/A
s	UBMIT IN TRIPLICATE	7. If Unit or CA, Agreement Designation
1. Type of well		N/A
XX Oil Gas Other		8. Well Name and No.
2. Name of Operator		SCOTT "E" FEDERAL #1
CHEVRON U.S.A. INC.		9. API Well No.
3. Address and Telephone No.		30-025-27442
P. O. Box 1150, Midland, TX 79702	(915)687-7148	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)		WILDCAT STRAWN
1980' FSL & 1980' FWL	UNIT K	11. County or Parish, State
SEC. 28, T18S, R32E		
		LEA, NM
CHECK APPROPRIATE BO	OX(S) TO INDICATE NATURE OF NOTICE, REP	ORT, OR OTHER DATA
12 TYPE OF SUBMISSION	TYPE OF ACTION	
XX Notice of Intent	Abandonment	Change of Plans
	Recompletion	New Construction
Subsequent Report	Plugging Back	Non-Routine Fracturing
	Casing Repair	Water Shut-Off
Final Abandonment Notice	Altering Casing	Conversion to Injection
	Other	Dispose Water
	EXTENSION	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
Decribe Proposed or Completed Operations (Clearly state all pertinent of give subsurface locations and measured and true vertical depths for a subsurface locations.)	tetails, and give pertinent dates, including estimate date of starting any propose 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.



hereby certify that the stopping into the and confect igned	Title	т. А.	Date		11/25/97
his space for Federal or State office (se)	Title	4F790(20), Augusta	Date	DEC ec	19.07
inditions of approval, if any:					

rom 2,100-3		•	SUBMIT IN TRIPL	ICATE*	Form approved.			
(December 1990)		TED OTATES		CMA1 11	-4-0/2			
. <b>1</b>		-	P. O. BON 1883 reverse s.	Wir !!	Expires: December 31, 1	991		
,	DEPA	ARTMENT OF THE INTE	RIOR	0.000	5. LEASE DESIGNATION AND SE			
		BUREAU OF LAND MANAGE	MENT		1111-927	10		
					6. IF INDIAN, ALLOTTEE OR TRIE	BE NAME		
	APPLICATION F	OR PERMIT TO DRILL C	OR DEEPEN		N/A			
a. TYPE OF WORK	DRILL X	DEEPEN	<del></del>		7. UNIT AGREEMENT NAME			
		DEEFER			7. ONIT AGREEMENT NAME			
TYPE OF WELL	548 <u> </u>		SINGLE XXX	MULTIPLE	N/A 8. FARM OR LEASE NAME, WELL NO			
OIL XXX	GAS WELL	OTHER RE-ENTRY	SINGLE XXX ZONE	ZONE	S. PARM OR LEASE INVINE, WELL NO			
NAME OF OPERATOR					SCOTT "E	" FEDERAL #		
CHEVRON U.S.A. IN	C. ATTN: J. K. Riple	у			9. API WELL NO.			
3. ADDRESS AND TELEPH					30-025-2			
	DLAND, TX 79702				10. FIELD AND POOL, OR WILDO	TA		
•	•	cordance with any State requirements.")			WILDCAT STRAWN			
At surface 1980	)' FSL & 1980' FWL	UNIT K			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA			
At proposed prod. zone					SEC. 28, T18S, R32E			
<del></del>	ND DIRECTION FROM NEARE	ST TOWN OR POST OFFICE*			12. COUNTY OR PARRISH	13. STATE		
	ILES SOUTH OF MALJ				LEA	NM		
5. DISTANCE FROM PRO			16. NO. OF ACRES IN LEASE	17.	NO. OF ACRES ASSIGNED			
OCATION TO NEAREST PROPERTY OR LEASE LIN	E ET		1		TO THIS WELL			
Also to nearest drig, unit lin		1980'	320	1	40	1		
8. DISTANCE FROM PRO			19. PROPOSED DEPTH	20.	ROTARY OR CABLE TOOLS			
O NEAREST WELL, DRILI				1				
OR APPLIED FOR, ON THIS	S LEASE, FT.	4 MILES	12,200'	ľ	ROTARY			
1. ELEVATIONS (Show wh	ether DF, RT, GR, ect.)			L	22. APPROX. DATE WORK WILL	START*		
	3710'	• .			11/20/96 ****			
·								
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	AND CEMENTING PROGRAM SETTING DEPTH	<del></del>	QUANTITY OF CEMENT			
7-7/8"	5-1/2"	17#	12,200'		INT CSG SHOE	<del> </del>		
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 DIRECTOR ON TO ADDRESS ARY DURING THE INITIAL SIDETRACK OR LATER WHILE DRILLING. IF WELL IS DEEMED TO 88G PHONON-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.								
	BE PROPOSED PROGRAM: If	proposal is to deepen, give data on present produitions and measured and true vertical depths. Give		. 1	DATE 30 - 02-0	50 111		
1 01/	0.0/1				9.5	1.0		
IGNED C.K.	Killey	TITLE	TECHNICAL ASSISTANT		DATE 10 <del>/2</del> 3/9	677		
(This space for Federal or	State office use)				<u>ت</u> . عرب	8) نسطین میکن		
PERMIT NO		·	APPROVAL DATE			densing.		
	not warrant or certify that the a	applicant holds legal or equitable title to those right		e applicant to condu	ct operations thereon.	ي ميندي پرستون		
CONDITIONS OF APPRO	OVAL, IF ANY:	NY TERGUSON	THE MINERALS		<u></u>	المحمد ا		
APPROVED BY	Contact (7)	TITLE		<del></del>	DATE / 2 / /	<u>z 6</u> :		
		*See Instruction	ons 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.

98. W In Ol h Any

District I PO Box 1988, Hobbs, NM 88241-1986 District II PO Drawer DD. Artenia, NM 88211-0719 District III 1000 Rio Brazos Rd., Aziec, NM 87410 District IV

PO Box 2008, Santa Fe, NM 87504-2008

Section

## State of New Mexico

#### 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

East/West East

Fee Lease - 3 Copies

☐ AMENDED REPORT

$\mathbf{w}_{i}$	ELL LOCATION AND A	ACREAGE DEDICATION PLAT	
API Number	API Number Pool Code Pool Name		
30-025-27442		:WILDCAT STRAWN	
1 Property Code	' Pro	perty Name	* Well Number
20093	20093 SCOTT "E" FEDERAL		1
'OGRID No.	' Ope	rater Name	* Elevation
. 4323	CHEVRON U.S.A.	., INC.	3710' GL
	10 Surfa	ace Location	

North/Seeth Lac

#### Range Township Feet from the Feet from the Consty UL or lot se. 28 18**S** 32E K 1980 SOUTH 1980 WEST LEA 11 Bottom Hole Location If Different From Surface Lot Ide Section Township Range Fost from the North/South Lac Feet from the East/West line County UL or lot so. " Joint or Infill " Comecidation Code 15 Order No. 40

Lot Ida

NO A: LOWABLE 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 incovinage and belief
				OK. Rioley
		•		J. K. RIPLEST  Printed Name  T.A.
				Tale 10/22/96 Date 14CLID VEYOR CERTIFICATION
	o	·		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:
	`		·	The state of the s
				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. <u>Estimated Tops Of Important Geological Markers:</u>

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:

Hole Size	Interval	Csg OD	Weight, Grade, Type
14-3/4" 12-1/4" 7-7/8"	0-410' 0-4164' 7667-9000'	11-3/4" 8-5/8" 5-1/2"	42#, H-40, ST&C 28#, 32#, K-55, ST&C 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. <u>Minimum Specifications for Pressure Control:</u>

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>	TYPE	WEIGHT	VISCOSITY	WATER LOSS				
0'-7700' Fresh Water 8.8 34-36 No control (Drill out cmt plugs and clean out to side track depth)								
Side-tracking & drilling operation:								
7700-10,200' 10,200-11,300' 11,300'-TD	Cut Brine Water Cut Brine Water Brine Water	8.8 9.6-9.8 9.8-10.2	28 28 32-34	No Control No Control <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. <u>Abnormal Pressures, Temperature and Potential Hazards:</u>

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, northwes northeast, 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:

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- 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' 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. <u>Surface Ownership:</u>

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. <u>Lessee's or Operator's Representative:</u>

George W. Tullos

Chevron U.S.A. Inc.

P.O. Box 1150

Midland, Texas 79702

Phone: (91

(915)687-7463 (Office)

(915)687-3711 (Home)

#### Certification:

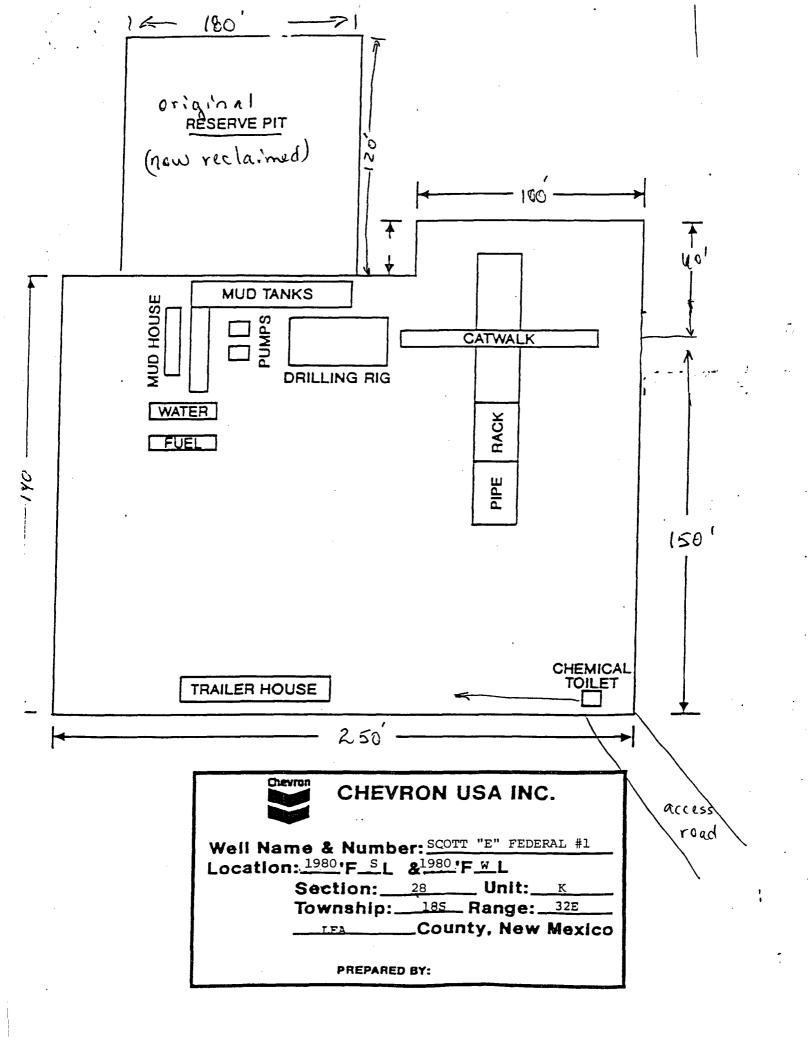
I hereby certify that I, or a Chevron representative, have inspected the proposed drill site and access road; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Chevron U.S.A. 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

*V* J. K. Ripley

Regulatory T.A.

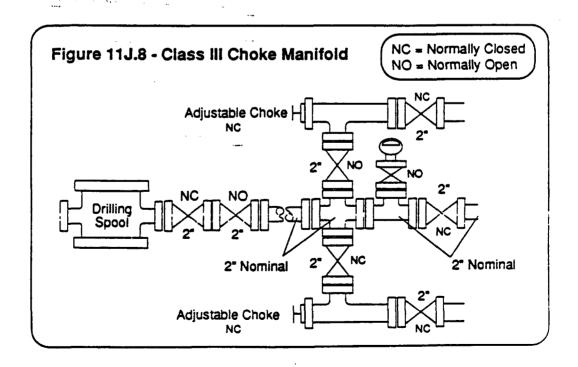
**Attachments** 



#### 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:

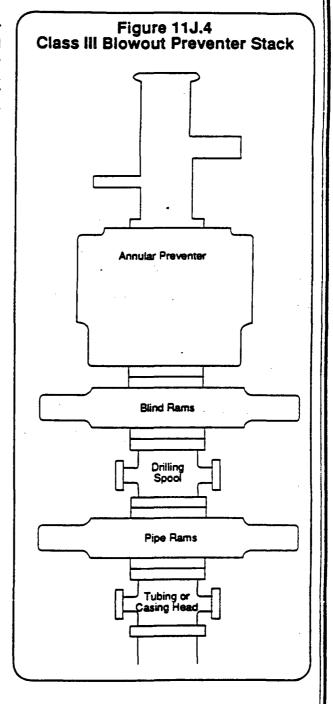
- 1. The manifold is attached to a drilling spool or the top ram preventer side outlet.
- 2. The minimum internal diameter is 2" (nominal) for outlets, flanges, valves and lines.
- 3. Includes two steel gate valves in the choke line at the drilling spool outlet. The inside choke line valve may be remotely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



Rev. 1/1/89

#### 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 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.



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\*See Instructions on Reverse Side

Submit 5 Copies
Appropriate District Office
DISTRICT 1
P.O. Box 1980, Hobbs, NM 88240

#### State of New Mexico rgy, Minerals and Natural Resources Departmy

Form C-104 Revised 1-1-89 See Instructions at Bottom of Page

#### OIL CONSERVATION DIVISION

P.O. Box 2088

REQUEST FOR ALLOWABLE AND AUTHORIZATION

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

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

Santa Fe, New Mexico 87504-2088

Operator		TO THAN	ISPOHT OF	L AND NATURAL G		I API No.		
Mayo Marrs Casi	na Pulli	ina Inc			WE	30-025-	27442	
Address						00 020	<u> </u>	· · · · · · · · · · · · · · · · · · ·
P.O. Box 863, Reason(e) for Filing (Check proper box)	vermit,	Texas	78745	Other (Please exp	lain)			
New Well		Change in Tr	. —	Effective	e: Mav	1. 1993		
Recompletion Change in Operator	Oil Casinghea	_	ondensate			.,		
If change of operator give name and address of previous operator			Company.	P.O. Box 1933. F	Roswell	. N.M. 8	8202	
II. DESCRIPTION OF WELL								
Lease Name		Well No. P	ool Name, Includ	=		d of Lease e, Federal or Fee		esse No.
Scott E Federal	1	#1 C	<u>uerecno i</u>	Plains Lower BS				4162
Unit Letter K	_ :19	980 r	eet From The	South Line and	1980	Feet From The _	West	Line
Section 28 Townshi	р 189	5 R	ange	32E , NMPM,			Lea	County
III. DESIGNATION OF TRAN	CDADTE	D OF OIL	AND NATE	IDAL CAS				
Name of Authorized Transporter of Oil	ISLOKIE:	or Condensat		Address (Give address to w	hich approvi	ed copy of this fo	rm is to be se	ent)
T&A							<del></del>	
Name of Authorized Transporter of Casing	Name of Authorized Transporter of Casinghead Gas or Dry Gas Address (Give address to which approved copy of this form is to be sent)							
If well produces oil or liquids, give location of tanks.	•	•	• : -	is gas actually connected?	Whe	n ?		
If this production is commingled with that	K Irom any other	28 ]	18   32	NO No ling 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'y
Date Spudded	Date Compl	. Ready to Pro	od.	Total Depth	<u> </u>	P.B.T.D.		
Elevations (DF, RKB, RT, SR, etc.)	Name of Pro	oducing Form	ation	Top Oil/Gas Pay		Tubing Depth	/	
Perforations	<u> </u>	·	·					
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				CEMENTING RECOR	D/			
HOLE SIZE	CAS	ING A TUBI	IG SIZE	DEPTH SET		s/	CKS CEME	ENT
	·							
WEST DAMA AND DESILES	# 50 b							
V. TEST DATA AND REQUES OIL WELL (Test must be after re				be equal to or exceed top allo	wable for th	is depth or be for	r full 24 hour.	a.)
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						- <del></del>		
Actual Prod. During Test	OII - Bbis.			Water - Bbls.		Gas- MCF		
GAS WELL	<u> </u>			<u> </u>				L
Actual Prod. Test - MCP/D	Length of To	eti		Bbls. Condensate/MMCF		Gravity of Cor	debrate	
esting Method (pitot, back pr.)	Tubing Press	ure (Shut-in)		Casing Pressure (Shut-in)		Choke Size		
VI. OPERATOR CERTIFICA	ATE OF	COMPLI	ANCE	OIL CON	CEDV	ATION D	MEIO	A.J
I hereby certify that the rules and regular Division have been complied with and the				OIL CON	SENV	AHOND	141310	IA
is true and complete to the best of my ki				Date Approved	·	Y 4000		
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Printed Name	2	Tid	6 7 (0)	Title	Geo	logist		
Drie C	1127 E	1 P 30	<u> </u>				-	

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 MO MINERALS DEPARTMENT

20. SE 100010 SIT	1710	T	
DISTRIBUTE	0=		
BARTA PE		T	Г
FILE			
V.8.0.4.		1.	Г
LAND OFFICE			
TRANSPORTER	OIL		
	OAS		
OPERATOR			
PROBATION OFF	KE		

#### 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

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

## REQUEST FOR ALLOWABLE

	AND SPORT OIL AND NATURAL GAS	
Operator		
Harvey E. Yates Co.		
Address		
P.O. Box 1933,Roswell, New Mexico 882	01	
Reason(s) for filing (Check proper box)	Other (Please explain)	
New Vell Change in Transporter of:		
Recompletion X OII	effective November 1, 1987	
Change in Ownership Castnghead Gas	condensate	
If change of ownership give name and address of previous owner	•	
II. DESCRIPTION OF WELL AND LEASE		
Lease Name Well No. Pool Name, including f	1	
	n Lower B.Sp. State, Federal or Fee Federal NM-24	162
Location		
Unit Lotter K: 1980 Feet From The South Life	ne and 1980 Feet From The West	
Line of Section 28 Township 185 Range	32E , NMPM, Lea Cou	inty
<u>III. DESIGNATION OF TRANSPORTER OF OIL AND NATURA</u>		
Name of Authorized Transporter of OII  or Condensate	Addiess (Give address to which approved copy of this form is to be sent)	
Pride Pipeline	P.O. Box 2436, Abilene, Texas 79604  Address (Give address to which approved copy of this form is to be sent)	
Name of Authorized Transporter of Caeinghead Gas Co. or Dry Gas	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, Unit Sec. Twp. Rge.	Is gas actually connected? When	
give location of tante. K 28 185 32E	Yes : 3/30/82	
f 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.		
TO LE. Complete turis it who r on reverse side if hetersary.	11	
VI. CERTIFICATE OF COMPLIANCE	OIL CONSERVATION DIVISION	
	@## n A d@##	
hereby certify that the rules and regulations of the Oil Conservation Division have seen complied with and that the information given is true and complete to the best of	APPROVED: 007 30 1997 . 19	
ny knowledge and belief.	BY ORIGINAL SIGNED BY JERRY SEXTON	
	I manual a conductor	
, , ,	TITLE DISTRICT I SUPERVISOR	
	This form is to be filed in compliance with RULE 1184.	
- marin Viell	If this is a request for allowable for a newly drilled or deep	
Ficher tron analist	well, this form must be accompanied by a tabulation of the deviate taken on the well in accordance with RULE 111.	
10-28-87 (Tule)	All sections of this form must be filled out completely for all able on new and recompleted wells.	
(Dete)	Fill out only Sections I, II, III, and VI for changes of ow well name or number, or transporter or other such change of conditions.	

Form 3160-5

## **UNITED STATES**

FORM APPROVED Budget Bureau No. 1004-0135

SURDAY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drift or to deepen or reentry to a different reservoir.    Submit in Triplicate	(June 1990)		NT OF THE INTERIOR	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.  SUBMIT IN TRIPLICATE  1. Type of Well   Gas   Galler   P&A   Submit		BUREAU OF	LAND MANAGEMENT	5. Lease Designation and Serial No.
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   7. If Italia or CA. Agreement Designation		OUNDON NOTICES	AND DEDORTO ON WELLS	NM-24162
SUBMIT IN TRIPLICATE    Type of Well   Gat   Well   Well   Gat   Well   Well   Gat   Well   Well   Well   Gat   Well   We				6. If Indian, Allottee or Tribe Name
SUBMIT IN TRIPLICATE    Type of Well   Well   Well   Wolfer P&A   S. Well Name and No.	Do not use			
SUBMIT IN TRIPLICATE    Type of Well		USE "APPLICATION FO	H PERMIT — for such proposals	
Type of Well		SUBMI	TIN TRIPLICATE	7. If Unit or CA, Agreement Designation
Name of Operator   Name of Ope	1 To 6 M - D			_
2. Name of Operator Harvey E. Yates Company 3. Address and Telephone No. P. O. Box 1933, Roswell, N.M. 88202; 505/623-6601 D. Firld and Prott, or Exploratory Area Unit K; Sec. 28, T185, R32E Unit K; Sec. 28, T185, R32E  12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION    Notice of Intent   Subsequent Report   Addressing Back   Recompletion   New Construction   Ne	**	Gas V De A		8. Well Name and No.
3 O - C.2 S - 2.74 y 2 P. O. Box 1933, Roswell, N.M. 88202; 505/623-6601 P. O. Box 1933, Roswell, N.M. 88202; 505/623-6601 Unit K; Sec. 28, T185, R32E 1980' FSL & 1980' FWL  CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION    Nonce of Insert   Subsequent Report   Plugging Back   Non-Rosine Fracturing   New Construction   New Construction   New Construction   New Construction   New Construction   New Construction   Non-Rosine Fracturing   Conversion to Injection   Change of Plass   New Construction   Non-Rosine Fracturing   Conversion to Injection   Change of Plass   New Construction   New S			<u> </u>	Scott "F" Federal #1
1. Addies and Telephone No. P.O. Box 1933, Roswell, N.M. 88202; 505/623-6601  4. Leashes of Well iFocuse, Sec. T. R. M. or Sarvey Description; Unit K; Sec. 28, T18S, R32E  11. Compto of Plains Lower BS 11. County or Parish, State  12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF SUBMISSION  TYPE OF ACTION    Notice of Intent   Recompletion   Recompleted Operations and onessered and time vertical depths for all markets and zone perinced date of starting any persposed work. If well is directionally drilled.    Set CIBP @ 8730' and cap w/50' cmt   Set CIBP @ 8730' and cap w/50	Harvey E	. Yates Company		
4. Leasabou of Weil Housings, Sec. T. R. N. II. of Survey Dectaplosing 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  TYPE OF ACTION    Notice of Interior				
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	P.O. Box	1933, Roswell, N.M	. 88202; 505/623-6601	-∤
1980' FSL & 1980' FWL    CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA   TYPE OF SUBMISSION   TYPE OF ACTION		•	description)	
Lea, N.M.				11. County or Parish, State
TYPE OF SUBMISSION  TYPE OF ACTION    Nonce of Intent   Change of Plans   Change   C	1980 FS	L & 1980, FWF		1 1 14
TYPE OF SUBMISSION	- 044	50// ADDDDDDATE BOY	( ) TO MOVALTE MATURE OF MOTIOE DEPO	
Nonice of Intern   Abandonment   Change of Plans   New Construction   New Construction   New Construction   Non-Recompletion   Plugging Black   New Construction   Non-Recompletion	12. CH	ECK APPHOPHIATE BOX	s) TO INDICATE NATURE OF NOTICE, REPOR	RI, OR OTHER DATA
Subsequent Report	TYF	PE OF SUBMISSION	TYPE OF ACTION	
Subsequent Report	(X)	Notice of Intent	Abantianment	Change of Plans
Gasing Repair   Water Short-Off   Casing Repair   Dispose Water   Dispose Water   Note: Report south of indication   Dispose Water   Note: Report south of in				
Final Abandomment Notice   Altering Casing   Conversion to Injection   Dispose Water   Note: Report result of multiple completion on Well Completion on Recognition Reports and Indige completion on Recognition Reports and Indige stimulated 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  4 I hereby certify that the foregoing is true and correct Signed Amar Amar Tim Gum Title Engineer  Date 4/14/93  Title Date 1/2 3/433  Date 1/2 3/433		Subsequent Report	Plugging Back	Non-Routine Fracturing
Other   Dispose Water   Note Report results of multiple completion on Well (Completion of New Heath)			Casing Repair	Water Shut-Off
The Report results of multiple completions on the Completion of Comple		Final Abandonment Notice	Altering Casing	Conversion to Injection
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 thin 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 @ 360-460' 7) Spot 50' cmt surface plug 8) Install dry hole marker  Above approved by Shannon Shaw 4/13/93  4. I hereby certify that the foregoing is true and correct Signed Sham James Tim Gum Title Engineer  Date 4/14/93  Title Date 1/2 3/63			Other	
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  4. I hereby certify that the foregoing is true and correct Signed Amazina Tim Gum Title Engineer  Date 4/14/93  Date 4/14/93  Date 4/23/63				Completion or Recompletion Report and Log form.)
4. I hereby certify that the foregoing is true and correct  Signed	2) Loa 3) Cu 4) Spo 5) Spo 6) Spo 7) Spo 8) Ins	ad hole w/9# mud lade t and pull csg 7900' ot 100' cmt plug @ 56 ot 100' cmt plug @ 41 ot 100' cmt plug @ 36 ot 50' cmt surface p stall dry hole marker	n fluid +/-; Spot 150' cmt plug (75' in & 75 04-5704' 08-4208'; tag 0-460' lug	AREA TO THE AREA T
$\mathcal{L}_{\mathcal{L}}}}}}}}}}$	Signed (This space for Fe	Hum Tim Gum		4/14/03
see attached			, · · · · · · · · · · · · · · · · · · ·	• •

### WELL HISTORY SUMMARY SHEET

BY TIM W GUM

6/1/81 SPUD DATE: OPERATOR: HARVEY E. YATES COMPANY COMP DATE: WELL NAME: SCOTT E FEDERAL NO. 1 13100 TD NM-24162 LEASE / PBTD: 8965 K-1980FS&WL LOCATION: K, SEC. 28. T-18S. R-32E QUERECHO PLAIN LOWER BONE SPRING FIELD: ELEVATION: 3710(GL)(16.5KB) SURFACE WT & GRD 11.75 H40 DEPTH 410 400 SXS SXS CMT TOC CIRC. BIT SIZE PROCEDURE INTERMEDIATE 8 5/8" 28# S80 WT & GRD 1. P&A PER ATTACHED. DEPTH 4164 1700 SXS CMT CIRC. TOC BIT SIZE 4164 TOC 7900' 8757" ANCHOR × PRODUCTION: PERFS 8790-8800 WT & GRD 5 1/2" 17#, K-55.N-80 TUBING: **3000**, DEPTH 2 7/8" N-80 SIZE: 225 SXS CMT PBID 8965 8913' SN DEPTH: 7900 BY TS TOC PKRIANCHOR: 8757 ANCHOR BIT SIZE 7 7/8" DV TOOL @ MARKER JOINT

TD-13,100"

#### STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

	****	T	
DISTRIBUTI	OM		_
BANTA FE		1	
FILE			
U.1.0.4.			
LAND OFFICE			
TRANSPORTER	OIL		
	DAS		
OPERATOR			
PROBATION OF	ICE		

#### 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

Separate Forms C-104 must be filled for each pool in multiper completed wells.

OPERATOR REQUEST FO	OR ALLOWABLE
PROBATION OFFICE	AND
I. AUTHORIZATION TO TRANS	SPORT OIL AND NATURAL GAS
HARVEU E MATES CO	
Address O + Of	88201
Reoson(s) for filing (Check proper box)	Other (Please explain)
New Well Change in Transporter of:	Ourning Change Willeching
	Condensate Olinership Change effective
Change in Ownership Casinghead Gas	Condensate Cttalier 1, 1981
If change of ownership give name Church USA 117 and address of previous owner	c POBOX 670 JUDAUS nm 88240
II. DESCRIPTION OF WELL AND LEASE	
Mitt E Fld Well No. Pool Name, including to	
Unit Letter K : 1980 Feet From The Bouther	ine and 1980 Feet From The LCLIT
Line of Section 28 Township 185 Range	32E, NMPM, Le Count
HI DECICALATION OF THANCED DETER OF OUT AND MATTER A	T CAS
III. DESIGNATION OF TRANSPORTER OF OIL AND NATURA  Name of Authorized Transporter of Oil  or Condensate	Address (Give address to which approved copy of this form is to be sent)
Yuman for	1P.D Don 3/19 Mid Cand Ju 79701
Name of Authorized Transporter of Casinghead Gas (X) or Dry Gas	Address (Give address to which approved copy of this form is to be sent)
Million 66 7/atl das Co	4001 Pentisode (desmaly 1976)
If well produces oil or liquids, que location of tanks.  Unit Sec. Twp. Rqs.    Rqs.	Is gas actually connected? When 3-30-82
If this production is commingled with that from any other lease or pool,	give commingling order number:
NOTE: Complete Parts IV and V on reverse side if necessary.	
VI. CERTIFICATE OF COMPLIANCE	OIL CONSERVATION DIVISION
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.	UCI h 1307
,	I Jegy
	TITLE Oil & Gas Inspector
4/////	This form is to be filed in compliance with RULE 1104.
(Signature)	If this is a request for allowable for a newly drilled or deeper well, this form must be accompanied by a tabulation of the deviat tests taken on the well in accordance with RULE 111.
(Tule)	All sections of this form must be filled out completely for all able on new and recompleted wells.
10-1-87 (Date)	Fill out only Sections I. II. III. and VI for changes of own
formal.	well name or number, or transporter, or other such change of conditi

rorm 3150-5 (November 1983)		JNITED STATE	S	SUBMIT IN TRIP (Other instruction yerse:side)	LIC E	Expires Augus	
(Formerly, 9—331)	DEPARTM					5. LEASE DESIGNATIO	n ind serial no.
•		J OF LAND MANA	1 (A) (B) (B) (B) (B) (B) (B) (B) (B) (B) (B	THEY DO		NM 24162 6. OF INDIAN, ALLOTT	TE OR THIRE NAME
SUN (Do not use this		CES AND REPORTED TO A deeper Person FOR PERSON TO	or nine back to	WELLS		,	
I. OIL GAS						7. OMET AGREEMENT	HAXE
WELL X WELL  2. HAMS OF OPERATOR	OTHER					8. FARM OR LEASE W.	AMR .
Chevron U.S.						Scott 'E' Fee	deral
P. O. Box 67		NM 88240				9. WELL NO.	
4. LOCATION OF WELL () See also space 17 bei At surface	Report location cie	arly and in accordance	with any State	requirements.		10. FIRED AND POOL, Querecho Plan Lower Bone St	in Oring:
1980' FSL &	1980' FWL					Sec. 28, T185	I SEEL AND
14. PERMIT NO.		15. ELEVATIONS (Show	whether DF, RT, G	L લંદ)		12. COUNTY OR PARIS	
			3710' GL			Lea	NM
16.	Check App	propriate Box To In	dicate Nature	of Notice, Repo	ort, or O	ther Data	
	NOTICE OF INTENT	ON TO:		•	EGBERGG1	ENT EMPORT OF:	
TEST WATER SECT-O	FF PI	LL OR ALTER CASING		WATER SHUT-GUP		REPAIRING	WELL.
FRACTURE TREAT		ULTIPLE COMPLETE	_	PRACTURE TREATMS	_	ALTERING	
SHOOT OR ACIDIZE		IANDON®		SHOOTING OR ACIDI	ZINO	<b>ТВТИДОИ</b> М	
REPAIR WELL (Other)	<u> </u>	iange plane	$\frac{1}{x}$	(Other)	rt results	of multiple completion	on Well
nent to this work.)	well is direction	ATIONS (Clearly state a sally drilled, give subsu	ríace locativas a	nd measured and tr	ue verticai	depths for all marke	ers and somes perti-
well lease.		nization Agree		<del></del>		· · · · · · · · · · · · · · · · · · ·	
formation is	not appli	cable since th	e well was	completed	in the	Bone Springs	formation.
The Com Unit	expired 5	/14/83, the en	d of its I	rimary term			
•	ACCEPTE	D FOR RECORD	<del></del>				
,		Mak.		<del> </del>			
	TUL TUL	3 0 1985	<del></del>	<del></del>			
	CARLSBAD	, NEW MEXICO		<del></del>	<del></del> ;	21 17 4	
18. I hereby certify that	the foregoing is	true and correct	Divisio	n Proration	Fngin	C/11	2/06
SIGNED	· Crowy	TIT	TE DIVISIO	u floration	rugine	er DATE 6/18	3/86
(This space for Fede	rai or State office	use)					
APPROVED BYCONDITIONS OF A	PROVAL, IF AN		TLE			DATE	

### STATE OF NEW MEXICO

#### OIL CONSERVATION DIVISION

Form C-102 Revised 10-1-1

P. O. BOX 2088 ENERGY AND MINERALS DEPARTMENT SANTA FE, NEW MEXICO 87501

•		All distance	e must be from	the outer bou	nderies of	the Section			_
Operator			L	4090				Well No.	
Chevron U.S.	A. Inc.	<del></del>			' Fede			1	
Unit Letter K	Section 28	Township 18S		Range 32E	2	County	Lea		_
Actual Footoge Local		South		1980			West		
Ground Level Elev.	feet from the Producing For		line and		· Icot	from the		· line dicated Acreages	
3710 <b>′</b>	Bone Spi		1	erecho P1	ain Lor	aer Rone		40	Acres
	e acrenge dedica	ted to the su	bject well	by colored 1	pencil or	hachure	marks on the p	lat below.	
dated by co Yes  If answer is this form if No allowable	n one lease of dismmunitization, us  No If an  "no," list the onecessary.)  e will be assigned and, or otherwise) of	swer is "yes; where and tra	type of control to the control to th	etc?  onsolidation  ions which learned	have act	ually bee	n consolidated	. (Use reverse s	ide of
					· 	<del>- 1</del>		RTIFICATION	
	           						tained herein f	that the information true and complete viedge and belief.	
			•	1 1 1 1 1	•		Position Division Pro Company Chevron U.S Date 6/18/86	A. Inc.	ER.
							shown on this pi notes of octual under my superv	r that the well loc lat was plotted from surveys made by m ision, and that the rect to the best o elict.	field ne or some
	1980'					F	Date Surveyed Registered Profess and/or Land Survey	<u>-</u>	· · · · · ·
330 660 90	1370 1050 1050 2	310 2640	2000 15	1000 1000	500		ertificat <b>e No.</b>		

#### STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

0161818111	0#		
SANTA FE			
FILE			
V.s.o.s.			
LAND OFFICE		1	
TRANSPORTER	OIL		
	GAL		
DPERATOR			

7/24/86

(Date)

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

Form C-:04 Revised 10-01-78 Format 06-01-83

Fill out only Sections I. II. III. and VI for changes of owner, ell 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.

## REQUEST FOR ALLOWABLE

OPERATOR		A	MD	•		
PROBATION OFFICE	AUTHORIZ		PORT OIL AND N	IATURAL GAS	•	
<u>I </u>						
Operator			•			
Chevron U. S. A. Inc			•			
Address		<del></del>	•		<del></del>	<del></del>
P. O. 670, Hobbs, Ne	w Mexico	88240				
Reason(s) for filing (Check proper box)			Other (1	lease explain)		
New Well	Change in Tr	ansporter ol:	ch	att & Fed	" Netmi	from
Recompletion	Oit	· 🗆 •	ty Gas	HI Tall	cont =	notte 75
Change in Ownership	Casingh	ead Gas C	ondensate	25 6		
If change of ownership give name Gand address of previous owner	ulf Oil Cor	p., P.O. Box	670, Hobbs,	NM 88240		
II. DESCRIPTION OF WELL AND	) LEASE			King of Lease		Lease No.
Lease Name	Well No. Po	Querecho P		1 .		
Scott "E" Fed	1 1	Lower Bone		State, Federal o	F••Federal	NM24162
Location						
Unit Letter K . 1980	Feet From T	he South Lir	1980	Feet From The	, West	
	<del></del>		<del></del>	<del></del>		- · · /
Line of Section 28 Town	nahip 18S	Range	32E .	IMPM,	Lea	County
	•					
III. DESIGNATION OF TRANSPO	ORTER OF OIL	AND NATURAL	L GAS			·
Name of Authorized Transporter of OII		ensate	Azaross (Give and	ress to which approved	copy of thre form ri	to be sent)
Permian Corporation			Box 3119,	Midland, TX 79	701	
Name of Authorized Transporter of Cast	nghead Gas 😨	or Dry Cas	Address (Give add	ress to which approved	copy of this form is	to be sent)
Phillips 66 Natural Gas	_		4001 Penbro	ook, Od <u>essa, I</u>	'X 79761	
<del></del>	Unit , Sec.	'Twp. 'Rge.	is gas actually con			•
If well produces oil or liquids, single location of tanks.	к : 28	18S 32E	Yes	3/3	0/82	
<u></u>					3,33	
If this production is commingled with	that from any o	ther lease or pool,	give commungling	order number:		•
NOTE: Complete Parts IV and V	on reverse side	if necessary.				
			1	L CONSERVATIO	ואו חועובוחאו	
VI. CERTIFICATE OF COMPLIAN	CE			L CONSCITATIO	3 (C) (S) (S)	
I hereby certify that the rules and regulation	s of the Oil Coose	rvarion Division have	APPROVED_	UNIL &	9 1220	. 19
been complied with and that the information			NAPROVES_			
my knowledge and belief.	·	•	BY	BIGINAL EIGHED R	V IEDRY SEKTOS	<b></b>
	•			DISTRICT I SU		
		•	TITLE			
and the	·		This form	is to be filed in con	nolisace with AUI	Z 1104.
- JIM Codes				request for allowab	•	
Cignati			well, this form	must be accompanie	d by a tabulation	of the deviation
Division Proration Engi	neer		tests taken on	the well in accordan	ice with AULE 1	11.
This			All section able on new an	s of this form must! d recompleted wells	be filled out comp	istely for allos

(Formerly 9-331)	DEPARTML IT OF THE INTE	RIOR verse ade	OB FE-	Expires Augustion 5. Lease Designate NM 24162	ON AND SERIAL NO.
SUN (Do not use this	DRY NOTICES AND REPORTS form for proposals to drill or to deepes or pli Use "Application For Permit" (or see	of back to a different recervoir.		4. OF INDIAN, ALLOT	
I. OIL CO GAS				7. OFIT AGREEMENT	FAMS 1990
WELL WELL	U 97888		[	G. PARM OR LEAGE H	
	. Yma		I	Scott "E" Fe	<del>-</del>
Chevron U.S.,		<del></del>		D. WELL BO.	
P. O. Box 670	), Hobbs, NM 88240			1	
	port location clearly and in accordance with a	ay State requirements.*		Duerecho Pr Bone Spring	
	•			SURVEY OF AR	r alk, and
10001 501 8	10001 FUI		1	Sec 28 T18S	R32F
1980' FSL &	1980 FWL	r DF, RT, GB, etc.)	—— <u> </u> -	12. COUNTY OR PARE	
	3710 GL			Lea	NM
16.	Check Appropriate Box To Indicate			her Data	<i>y</i>
<b>3</b> 4	OTICS OF INTENTION TO:	٥			(III)
TEST WATER SEUT-OF		Water emut-off		28PAINING	1
PRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT		ALTERING ARADONM	
REPAIR WELL	CHANGE PLANS	(Other)			
(Other)		(Note: Report r Completion or Re	complet	multiple completion	n on Well (orm.)
	59'. Tested casing to 1000	) psi for 10 minutes	with	n no leak of	f.
	aks were found. Returned w	well to production.			
No outling to	aks were found. Returned w	well to production.			
No 6451115	aks were found. Returned w	well to production.			
	aks were found. Returned w	vell to production.			
	<u>·</u>	vell to production.			
	<u>·</u>	vell to production.			
	ACCEPTED FOR RECORD  AUX  DEC 19 1985				
	ACCEPTED FOR RECORD				
	ACCEPTED FOR RECORD  AUX  DEC 19 1985				
	ACCEPTED FOR RECORD  AUX  DEC 19 1985				
	ACCEPTED FOR RECORD  ACCEPTED FOR RECORD  DEC 19 1985  CARLSBAD, NEV. MEXICO			10.1	6 100F
	ACCEPTED FOR RECORD  ACCEPTED FOR RECORD  DEC 19 1985  CARLSBAD, NEV. MEXICO		iger	12-1	6-1985
3. I hereby certify that the	DEC 19 1985  CARLSBAD, NEV. MEXICO  Coregoing in true and correct  TITLE Div		iger		6-1985

(November 1983) (Formerly 9-331)	DEPARTMT OF	THE:INTERIO	Couper in the R verse side) R verse side) R verse side) R verse side)	G. LEASS	res August 31, 1985
SUNE (Do not use this fo	BUREAU OF LANGE AND PROPERTY PROPERTY OF P	D REPORTS OF	N WELLS r to a different recervoir.	NM 24	1162 AF, ALLOTTON OR TRIBE HAME
1. OIL (X) GAS [	7			7. GHIE 44	CREMENA AVAR
2. HAMB OF OPERATOR	OTHER				E LEAGE MANS
Chevron U.S.A.	. Inc.			Scott	"E" Fedral Com
P. O. Box 670	, Hobbs, NM 882	40		1	
4. LOCATION OF WELL (Reg See also space 17 below At surface	ort location clearly and in a	ccordance with any Sta	te requirements.*	Bone S	cho Plain Lower Springs
1980' FSL &					28 T18S R32E
14. PERMIT NO.	3710	NS (Show whether DF, ST, GL	, ca. etc.)	Lea	NM
16.	Check Appropriate Bo	ox To Indicate Nati	ure of Notice, Report,	, or Other Data	
#01	TICE OF INTENTION TO:	_	81	OBANGUENT CEPORT	or:
TEST WATER BEUT-OFF PRACTURE TREAT SHOOT OR ACIDIZE	PCLL OR ALTER MULTIPLE COMP	<del></del>	WATER SEUT-OFF FRACTURE TERATMENT SEGOOTING OR ACEDIEN		ADAMDORMENTO
REPAIR WELL (Other)	CHANGE PLANS		(Other) (Note: Report a	results of multiple recompletion Report	completion on Well
	ind casing lea o acidize well				air it.
				7	
				٠,	··.
					Asia Asia
	<del></del>	<del></del>			
		<del></del>			
signed H. H. B	forerolog is true and corre		ion Drilling	Manager	11-19-1985
(This space for Federal o	er State office see)				
APPROVED BY		TITLE		DATE	11.72.85

THICK AND MINISHALS DEPARTMENT

### · JIL CONSERVATION DIVISIC P. O. BOX 2088

	OIL CONSERVA	ATION DIVISIC	Revised 10-1-78
BANTA FE	P. O. BC	OX 2088	
711.6	SANTA I'E, NEV	W MEXICO 87501	
AAND OFFICE			
TRANSPORTER		RALLOWABLE	
DAS		ND PORT OIL AND NATURAL GAS	
PROPERTION OFFICE	AOTHORIZATION TO TRANS	FORT OIL AND NATURAL GAS	
Gulf Oil Corporat	ion		
P. O. Box 670, Ho	obbs, NM 88240		
Reasons for filing (Check proper bui		Other liteage explains	
New Well	Change in Transporter of:		
Recompletion Change in Ownership	OII Dry Go	` 汽	
I change of ownership give name			
and address of previous owner			
DESCRIPTION OF WELL AND			
Lease Name	Well No.   Pool Name, Including F Querecho Plair		,
Scott "E" Fed Con	n   1   Lower Bone Spi	ring	Froi or Fee Federal NM-241
Unit Letter K ; 19	980 Feet From The South Lin	ne and Feet Fro	m The West
Line of Section 28 To	waship 185 Range	32E . NMPN, Lea	Cov
DESIGNATION OF TRANSPOR	TER OF OIL AND NATURAL GA	15	
Name of Authorized Transporter of Ct.	<del></del>	1	roved copy of this form is to be sent)
Permian Corporati	on Singhead Gas (7) or Dry Gas (7)	Box 3119 Midland	TX 79701 roved copy of this form is to be sent)
Phillips Petroleu		Phillips Bldg., Ode	
If well produces oil or liquids,	Unit Sec. Twp. Rge.		when
give location of tanks.	K 28 18S 32E	Yes	3-30-82
I this production is commingled wi COMPLETION DATA	ith that from any other lease or pool,	give commingling order number:	
Designate Type of Completion	On (Y)	New Well Workover Deepen	Plug Back   Same Resty, Diff. F
	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
Date Spudded	Date Compt. Reday to Prod.	Total Depth	P.B.1.D.
Elevations (DF, RKB, RT, GR, etc.)	"ame of Producing Formation	Top Oil/Gas Pay	Tubing Depth
Perforations	<u> </u>	<u> </u>	Depth Casing Shoe
Petrorations			Dopin Casing Silve
	TUBING, CASING, AND	D CEMENTING RECORD	
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
TEST DATA AND REQUEST F		feer recovery of socal volume of load or pth or be for full 24 hours)	il and must be equal so or exceed top
OIL WELL Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas	lift, etc.)
Length of Test	Tubing Pressure	Casing Pressure	Choxe Size
Actual Prod. During Test	Oil-Bbis.	Water - Bbls.	Gas-MCF
•			
GAS WELL Actual Frad. TooloMCF/D	Length of Teet	Bbls. Candensate/MMCF	Gravity of Condensate
Action (1991) Mc(7) B		Bute. Cutstantaday Miner	Gravity or Condensate
Testing Method (pitot, back pr.)	Tubing Presewe (Shut-in)	Cosing Pressure (Shut-in)	Choie Site
CERTIFICATE OF COMPLIAN		Oil CONICIONA	ATION DIVISION
LATITICATE OF COMPLIAN	-		ATION DIVISION
	regulations of the Oil Conservation	APPROVED APR 1	3 198/
division have been complied with bove is true and complete to the	and that the information given best of my knowledge and belief.	BYORIGINAL SIG	
		TRESA SEXI	
· · · · · · · · · · · · · · · · · · ·		TITLE DISTRICT	
RODS	<del>/</del>	11	n compliance with MULE 1104, owable for a newly drilled or deep
•	ulwe)	well, this form must be accomplished taken on the well in acc	panied by a tabulation of the dev
Area Engineer		tauth thrott off the mait itt ger	

(1 1110) 4-6-82

(Dute)

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

ROGER A. CHAPMAN

complete and correct as determined from all aveilable records

h Side)

9~23~81

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information

\* (See Instructions and Spaces 1856

,	•		
Form 9-331 (May 1963) DEPA	UNITED STATES ARTMENT OF THE INTE GEOLOGICAL SURVEY	•	Form approved.  10. Budget Bureau No. 42-R1424.  5. LEASE DESIGNATION AND SERIAL NO.
SUNDRY   (Do not use this form for Use "Al	6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
	HER :	Land of Contraction	7. UNIT AGREEMENT HAMB
2. NAME OF OPERATOR Gulf Oil Corporati	•	P. G. C. F. 1449 ROSBS (1217 MESSCO) 8824	
P. O. Box 670, Hob			9. WELL NO.
See also space 17 below.) At surface	ation clearly and in accordance with FSL & 1980° FWL	any State requirements.	Querecho Plains Lower  Rone Springs  11. NEC., T., R., M., OR HLE., AND  SURVEY OR AREA
14. PERMIT SO.	3710 GL	er DF, RT, GR, etc.)	Sec 28-T18S-ROWE-R 32 L  12. COUNTY OR PARISH 13. STATE  Lea NM
	ck Appropriate Box To Indicate Interview to:		r Other Data
TEST WATER SHUT-OFF FRACTURE TREAT BUGOT OR ACIDIZE REPAIR WELL (Other)  17. DESCRIBE PROPOSED OR COMPLE proposed work. If well is nent to this work.) *	PULL OR ALTER CASING MULTIPLE COMPLETE ABANDON* CHANGE PLANS  IED OPERATIONS (Clearly state all pert directionally drilled, give subsurface	linent details, and give pertinent day	REPAIRING WELL  ALTERING CASING  ABANDONMENT*  ACZd, Set PE  Alts of multiple completion on Well  mpletion Report and Log form.)  tes, including estimated date of starting any tical depths for all markers and zones perfi-
JHPF (20 holes). MA, SN, 2-7/8" tub	cation, pipe valves fr Spot 20% NEFE. ISIP 2 ing, pump and rods; SN 11ing, perfing, acidiz	.000#, vac 5 min. Set Lat 8900°, tbg at 893!	Ajax PU, RIH with

DEGENVEN SEP 24 1981

·	ACCEPTED FOR RECORD ROGER A. CHAPMAN	1				U.S. GEOL	IL & GAS OGICAL SURVEY , NEW MEXICO	ŕ
18. 1 hereby SIGNED	SEP 2 11981	!	TITLE	Area Engineer	r	DATE	9-23-81	
(White of Approx CGRDIT	CESOT GEOLOGICAL SURVEY  LIGHTHER THE THE THE CONTROL USE)  LIGHTHER THE CONTROL USE OF ATTHROCKY MEMICO		TITLE			DATE		

					•	-
PERCORDS POR ALE	TOWINDAGO ONLIC REGUEST	TOR AL	ATIOH COMME LOVABLE	r นี้	Hom C-16 Supersody	: Old C-101 and
,5.G.5,	AUTHORIZATION TO TR	- GMA - GOG2HA	T OIL AND H	ATOOM C	oviji redili	1-1-65
AND OFFICE		MISE OIL				
TRANSPORTER GAS	-		řV.	recording and	GAS MIST ER /2/4,	NOT THE
PROBATION OFFICE			O (N)		EXCEPTION T	OUT TO JOHN
Gulf Oil Corpora	tion					The Parties were the same of Process to and the
P. O. Box 670, H	cobbs and 99940		The state of the s			
Meason(s) for liling theck proper bo			Other (Please	:xplain)		*
Hew Woll	Chango in Transporter of:	()				
Recompletion Change in Ownership	OII Dry Go Caningheed Gas Conde	71		New We	11	<b>x</b> ,
I change of ownership give name			I			
and address of previous owner	THIS WELL HAS BEE	i if You	) IN THE POOL	JR	•	
DESCRIPTION OF WELL AND		<b>k</b> _		81)		
Scott "E" Fed Co	Querecho Pla	in R-	1,810	(Ind of Lease itate, Federal		NM-241
	80 Feet From The South Lir	no and	1980	Feet From T	ho West	
Line of Section 28 To	waship 18S Range	32E	, NMPM,	Lea		Con
	TER OF OIL AND NATURAL GA					
Name of Authorized Transporter of Ot		1			ed copy of this form	•
Permian Corporat		Address	Box 3119, Cive address to	Midland, which approv	TX 79701 ed copy of this form	is to be sent)
If well produces all or liquids,	Unit Sec. Twp. P.ce.	ls gas ac	tually connected	? When	n	
give location of tanks.	K 28 18S 32E	1	No			
f this production is commingled wi COMPLETION DATA	th that from any other lease or pool,	give comm	ningling order n	umber:	·	
Designate Type of Completi	on - (X) Gas Well	New Well	Workover	Deepen	Plug Back   Some	Res'v. Pail. R
Date Saudded	Date Compl. Ready to Pred.	Tetal De			Р.В.Т.D.	
5-31-81	8-4-81		13,100'		8965*	
Elevations (DF, RKB, RT, GR, etc.) 3710 GL	Bone Spring	Top O!1/0	790 <b>'</b>		Tuking Depth	
Perforations 8790 *-8900 *			1-3-4		Depth Casing Shoo	
6790 -0900	TUDING, CASING, AND	CEMENT	ring record			
HOLE SIZE	CASING & TUBING SIZE	<u> </u>	DEPTH SET		SACK3 (	EMENT
14-3/4" 11"	11-3/4" 8-5/8"	<del> </del>	416 <b>'</b> 4158 <b>'</b>	···	400 1500	
7-7/8"	5½"		90001		225	
FEST DATA AND REQUEST F	OR ALLOWARIE Clest must be a	Ger recever	v of total volume	of load oil a	nd must be equal to	or exceed ton o
DIL WELL		pik or be fo	or full 24 hours) [ Mothed (Flow, 1			
Data Flist New Oil Run To Tanks 8-4-81	8-4-81	1	1ov	runity gas riji	, (,,,,	
Longth of Tost	Tubing Pressure	Cosing Pi	raseura		Choke Size	
24 hrs	400#	Water-isb	0#		30/64" Gun-MCF	
Actual Pred. During Test 131	102	Widter-Do	29		495	
A FOLDINA A			•			
PAS WELL, Actual Prod. Tool-MCP/O	Lungth of Toet	Libla. Cor	ACPW/Velouvopt		Gravity of Condens	ato
Train; Mathod (pitot, back pr.)	Tubing Prossure (Shut-In)	Cauling Pi	L-201da) suvan	n )	Choke Size	
CERTIFICATE OF COMPLIAN	<u>I</u>				TION COMMISS	10N
	regulations of the Oil Conservation	APPRO	OVED	3 1 4 4 4 4 A		, 19
commission have been compiled a	sith and that the information given a best of my knowledge and belief.	DY	_	Orig. Sign <b>ell</b> <del>Jany Sexto</del> n	,	
				Ma L Bay	<b>6</b>	
000.1		Th	da form la to b	a filed in co	ompliance with Ri	H. E. 1104.
K.D. Pit	e	Well to	thin in a reques	et for allows a necorgan	dde for a newly d ted by a tabulatio	illied or deep a of the action
(31gh	effice d )	tonto t	aken on the tre	H In accord	lence with hours	111.

Area Engineer
(Fals)
8-5-81

All pertions of this form must be filled out completely for of this content and recompletely with.

Fill out only for those I, H, III, and VI for changes of owner.

WELL NAME AND NUMBER JCOT. E.	FEDERAL Com. No. 1							
LOCATION 1980 FSL& FWL, Section 28, 7-18-5, R-32-E, Lea County  (Give Unit, Section, Township and Range)								
OPERATOR GULF OIL CORPORA	OPERATOR GULF OIL CURPORATION							
DRILLING CONTRACTOR SHARP DA	QULLING Co. INC.							
The undersigned hereby certif drilling contractor who drilled the deviation tests and obtained the fol	above-described well and t	zed representative of the chat he has conducted						
Degrees @ Depth	Degrees @ Depth	Degrees @ Depth						
1/4 4/6	2/2 5890	23/4 10665						
<u>34</u> 890	2 6230	2/2 /1520						
1/2 1387	2 6524	2 11848						
3/4 1649	3 6928	23/4 12639						
13/4 2152	2/2 7/96	1/2 12825						
<u>3</u> 2535	1 7517	1/2 13.100						
23/4 255/	2/2 7969							
2 2675	2 8342							
1/4 2875	1/2 8615							
3/4 3375	1 8774							
<u> 3/4                                   </u>	314 9200							
3/4 4158	23/4 93/5							
1/2 4620	2/2 9544							
1/4 5056	3 9800							
21/4 5540	23/4 102/4							
	Drilling Contractor	PARP DRILLING Co., INC.						
	Ву:	CL Property.						
Subscribed and sworn to before me the	his 57H day of	AUGUST , 1981						
		nt Buchanan Notary Public						
My Commission Expires: June 30.	1984 Mior	AND County /5×AS						

\$ \*

# NEW .XICO OIL CONSERVATION COMMISSIO WELL LOCATION AND ACREAGE DEDICATION-PLAT

All distances must be from the outer boundaries of the Section. mer item Well ho. Gulf Oil Corporation Scott "E" Fed Com .nit Letter Section Township County **18**S 32E Lea arrul Fraters Location or well: 1980 South 1980 feet from the West feet from the Ground Lavel Hiev. Producing Formation Pocl Dedicated Astenge: 3710' Querecho Plain Lower Bone Spring Bone Spring 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? If answer is "yes," type of consolidation \_ Yes No 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 Area Engineer Gulf Oil Corporation 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 0 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. The statement

330

660

1980. 2310 2640

2000

1800

1000

500

1650

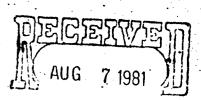
Form	9-331
CMay	19631

Form 9-331 (May 1963)	UN DEPARTME	NT OF THE INTER	OF COLLEGE HISTORY	TRIPLICATES	Form approved Budget Bureau 5. LEASE DESIGNATION A	No. 42-R1424
		LOGICAL SURVEY	· ·		NM-24162	
(Do not	SUNDRY NOTICE use this form for proposals. Use "APPLICATION"	S AND REPORTS to drill or to deepen or plug in FOR PERMIT—" for such	ON WELLS back to a different i	reservoir.	6. IF INDIAN, ALLOTTEE	OR TRIBE NAME
1	GAS X OTHER				7. UNIT AGREEMENT NAS	a.
2. NAME OF OF Gulf Oil	Corporation				8. FARM OR LEASE NAM Scott '"E" Fe	•
	x 670, Hobbs, NM	88240			9. WELL NO. 1	• •
4. LOCATION OF See also spa At surface	with (Report location clear ce 17 below.)  1980 FSL &		y State requirements	•	Lusk Morrow,  11. SEC., T., B., M., OR BI SUBVEY OR AREA	North
· · · · · · · · · · · · · · · · · · ·					Sec 28-T18S-R3	2E
14. PERMIT NO.		5. ELEVATIONS (Show whether 1 3710	of, et, cr. etc.)  GL .	·	12. countr of Parish	NM
16.	Check Appro	opriate Box To Indicate	Nature of Notice		ther Data	

			Sphangount matory of .			
•	t1 .	•	<del></del>		<del></del>	
TEST WATER SHUT-OFF		PULL OR ALTER CASINO	<u>  </u>	WATER SHUT-OFF	REPAIRING WELL	.
FRACTURE TREAT .		MULTIPLE COMPLETE		FRACTURE TREATMENT	ALTERING CASING	
SHOOT OR ACIDIZE		ABANDON*		SHOOTING OR ACIDIZING	ABANDONMENT*	_
REPAIR WELL		CHANGE PLANS	<u> </u>	(Other)Casin	0	_X
(Other)				(Note: Report result Completion or Recom	ts of multiple completion on We pletion Report and Log form.)	:11
				3.4.22	a traduction and a set of the	

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 5½" 17# N-80 LT&C (3507'), 128 jts 5½" 17# K-55 LT&C (5334'), 4 joints and 1 cut joint 5½" 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 79001. Test casing 2000#.



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

	•				•				•
8. I hereby	certify that the foregoing	ls true and corre	ect						
SIGNED	ACCEPTED REC	ORD	_ TITLE	Area	Drilling	Superintend	lent	8-4-81	
	ROGER A. CHAP	MAN							
(This spa	ce for Federal or State of	Mice use)					•		•
APPROV	FO RY AUG 1 1 198	31	_ TITLE _	·			_ DATE	· · · · · · · · · · · · · · · · · · ·	
CONDITI	ions of approval, if	ANY:	•			•			
	his GEOLOGICAL	SURVEY				•		•	

Form	9-331
(May	1963)

(May 1963)	DEPARTMENT OF THE GEOLOGICAL SUI	INTERIOR (Other Instru	S. LEASE DESIG	t Bureau No. 42-R1424 NATION AND SERIAL NO. NM-24162
	JNDRY NOTICES AND REP			LLOTTER OR TRIBE NAME
OIL GAS WELL WELL	.t. X OTHER	A11:	7. UNIT AGREEM	IENT NAME
2. NAME OF OPERATOR	· · · · · · · · · · · · · · · · · · ·	JUN 2 7 F	8. FARM OR LE. SCOTT !E	" Federal Com
	670, Hobbs, NM 88240	U.S. GFO TO	9. WELL NO.	1
See also space 17 At surface	1980' FSL & 1980' FWL		Lusk	
14. PERMIT NO.	15. ELEVATIONS (Show	v whether DF, RT, GR, etc.)  Of GL	12. COUNTY OR Lea	PARISH 13. STATE NM
TEST WATER SHU FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (Other)	MULTIPLE COMPLETE	WATER SHUT FRACTURE TE SHOOTING OR (Other)	SUBSEQUENT REPORT OF: OFF REPARAMENT ALTI	AIRING WELL, ERING CASING NDONMENT*  Pletion on Well
17. DESCRIBE PROPOSES proposed work, nent to this wor	OR COMPLETED OPERATIONS (Clearly state If well is directionally drilled, give subs.k.)*			

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 TEVOLOGIA	TITLE Area Drilling Superintendent DAT	6-18-81
(This space for Federal or Sente office weet OR	0	
(This space for Federal or spain of the west OR APPROVED BY ROCER A. CHAPM!	N TITLE DAT	·
CONDITIONS OF APPROVAL, IF ANY:		
ाति <b>१</b> ७ ७ मा।		

### UNITED STATES SUBMIT IN TRIPLICATE.

Form approved.

(piny 1963)		ENT OF THE		IOR vers	ner instructi e side)	ous on re-	5. LEASE DESIG	t Bureau N NATION AND M-24162	
· · · · · · · · · · · · · · · · · · ·	INDRY NOTE this form for proposa Use "APPLICAT					volt.	6. IF INDIAN, A		
OIL GAS			JA.	EG			7. UNIT AGREEM		
Gulf Oil Co 3. ADDRESS OF OPERA	orporation	<u> </u>		JUN	5 1001	1.3	8. FARM OR LEA SCOTE "9. WELL NO.		eral Com
P. O. Box 6	670, Hobbs, N	м 88240	u.s	. GEOLO	GICAL S		1		. ·
4. LOCATION OF WELL See also space 17 At surface	, (Report location cle below.)	arly and in accord	lance with any	Oferte Con	itements.	URVEY UCO	10. FIELD AND		
	1980' FSL	& 1980' FWI			٠.		11. SEC., T., R., SURVEY C	M., OR BLK.	
							Sec 28-T1		
14. PERMIT NO.	•	15. ELEVATIONS (S	3710' G		.) .	•	12. COUNTY OR Lea	PARISH 13	i. state NM
16.	CLI. A								
10.	NOTICE OF INTENT	oropriate Box T	o indicate i	Nature of	Notice, K		iner Daia. Ent report of:		
· · · · · · · · · · · · · · · · · · ·	<u></u>	•	[]				1 .		
TEST WATER SHU FRACTURE TREAT	[]	ULL OR ALTER CASI ULTIPLE COMPLETI	11	1	TER SHUT-OF ACTURE TREAT		1	VIRING WELL Ering Casin	<u> </u>
SHOOT OR ACIDIZ	Б	BANDON*		su	OOTING OR A		ABAN	SDONMENT*	
REPAIR WELL	c.	HANGE PLANS		(0	ther)	Casin		platian an 1	X
(Other)  17. DESCRIBE PROPOSE proposed work.			<u> </u>	<u> </u>	Completio	n or Recomple	of multiple comp etion Report and	Log form.)	·
joints 11-	ded 14-3/4" h 3/4" 42# H-40	ST&C (400	) set at	416'.	Cement	with 40	0 sacks "F	H" with	
2% CaCl <sub>2</sub> .	Circulate co	ement to sur	rface. P float. D	lug dov	vn 3:15 ≥ 11" fo	A.M., 6- rm 3 A.N	·1-81. WOO 16-2-81.	; 18 ho	urs.
Tebe casin	g 500# • DZ Z.				·			•	
•						•	<b>\$</b> "	•	•
						* *.			
						: .			•
						•	•		•
•				•	•				
		•				•	•	, ·	•
ACCEPT	TED FOR RECORD		• .				•	•	
JÜL	1 2 1981		•		•			•	
U.S. GEO	LOGICAL SURVEY	true and correct			11:		adont.		
SIGNED		M-1-Y-	rithe Ar	<u>cea Dri</u>	Iling Si	iperintei	ndent <sub>DATE</sub> _	0-	4-81
(This space for	Federal or State only	e use)							•
APPROVED BY CONDITIONS OF	F APPROVAL, IF A	NY:	TITLE			<del></del>	DATE _	<del> </del>	

SUBMIT IN TRIPLICATE\* (Other Instructions

Form approved.

on _	Budget	Bureau	No.	42-R142
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•		ED STATES	rev	erse )	30 000	1,1-1,
•	DEPARTM_N]	OF THE INTE	RIOR	. 4	30-025-	3744XJ
					5. LEASE DESIGNATI	ON AND BEBIAL NO.
	GEOLO	GICAL SURVEY			NM- 24	4162
APPLICATION	N FOR PERMIT T	O DRILL, DEEP	EN, OR PLU	IG BACK	6. IF INDIAN, ALLOT	TEE OR TRIBE NAME
1a. TYPE OF WORK						
DR	ILL X	DEEPEN 🗌	PLUG	BACK 🗌	7. UNIT AGREEMENT	NAME:
b. TYPE OF WELL	•			J. 10.1 C.		
OIL C	VELL X OTHER			MULTIPLE .	S. FARM OR LEADE	NAME . ;
2. NAME OF OPERATOR					Scott "F	' Federal Co
Gulf Oil Co	rporation	LJ (		47	9. WELL NO.	rederat con
3. ADDRESS OF OPERATOR		<del></del>	Reserve		1	
P 0 Box 6	70, Hobbs, NM	88240	ANN 15 K	### T	10. FIELD AND POOL	On Without
	Report location clearly and					• •
At surface	0' FSL & 1980'				Lusk Morrov	
130	0 121 8 1300	, MT	Hadas, KEY	/ Main Sacrain	11. SEC., T., R., M., C AND SURVEY OR	OR BLK.
At proposed prod. zoi	ne					
		,			Sec 28-T	
14. DISTANCE IN MILES	AND DIRECTION FROM NEA	REST TOWN OR POST OFFIC	E.		12. COUNTY OR PAR	SH 13. STATE
Approximatel	y 9 miles south	of Maljamar, N	ew Mexico		Lea	NM
15. DISTANCE FROM PROP	USED*		O. OF ACRES IN LEA		F ACRES ASSIGNED	1 141
LOCATION TO NEARES PROPERTY OR LEASE	LINE, FT.	•	220	то т	HIS WELL	
(Also to nearest drl		10 0	320 ROPOSED DEPTH		320 RY OR CABLE TOOLS	7. 3. 1
TO NEAREST WELL, I	RILLING, COMPLETED,			20. 801	KI OK CABLE TOOLS	2.0
OR APPLIED FOR, ON TH			13,000	\ 1	Rotary	- ·. ·
21. ELEVATIONS (Show wh	ether DF, RT, GR, etc.)				22. APPROX. DATE	WORK WILL START
•	37:	LO' GL		٥	May 15, 1	L981
23.	1	PROPOSED CASING AN	D CEMENTING P	ROGRAM		
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPT	н .	QUANTITY OF CE	MENT
			-			<del></del>

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17½"	13-3/4"	48#	4001	525 sacks - circ
12岁"	8-5/8"	28#	4,200'	1200 sacks - circ
7-7/8"	5½"	17#	13,000'	TOG 9500!

Mud Program:

Fresh water spud mud

4,200 4,200' - 10,300' 10,300' - 13,000'

Saturated brine water Brackish water 8.5 - 10.0

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.

signed lemann	TITLE Area Production	Manager DATE 4-14-8]
(This space for Enderal problem office use)	APPROVAL DATE	
APPHOVED BY 144 20128	TITLE	DATE
CONDITIONS OF APPROVAD, IF ANY: FOR JAMES A. GILLHAM INSTRICT SUPERVISOR		

## NET MEXICO OIL CONSERVATION COMMISS IN WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102 Supersedes C-12 Effective 1-1-65

PATRICK A. ROMERO

Ronald J. Eldson

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Effective 1-1-65 All distances must be from the outer boundaries of the Section Well tio. Oil Corporation Federal Comm. Culf 1 n.t ...etter Town ship 18 South 32 East Lea Linal Footage Location of Well: 1980 1980 south west feet from the line and feet from the Bround Lyvel Elev. Producing Formation Pool Dedicated Acreage: 3710.0 Morrow Lusk Morrow, North 320 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? 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. for R C. Anderson Position <u>Area Production Manager</u> Gulf Oil Corporation I hereby certify that the well location shown on this plat was plotted from field notes of octual surveys made by me or under my supervision, and that the same knowledge and belief. Date Surveyed 4-7-81 Registered Professional Engineer

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CONTINUED QUAIL RI	DGE DELA												**	GE 687
WELL S T R	JA# =======	f & B		APRIL	MAY		JULY	AUG	SEPT	007	NOV	*******		******
4D1020S34E OIL 6AS WAT	1359 451 562	2474 575 731	2369 829 501	2183 589 178	2625 722 147	2570 1136 31	2515 962 23	2606 993 32	2141 954 191	2457 1207 39	2266 1009 75	2330 1331 45	27895P 10760 2555	61945 20034 7851
501020834E OIL GAS WAT 681020834E OIL	3123 915 1142 1760	2608 644 826 1304	3118 553 567 1746	3235 538 1105 1254	3302 1178 939 1400	3258 1204 899	3385 1397 954 3127	3325 1006 894	905 1930	3320 1092 334 4255	3375 904 450 3967	3713 1273 1042 5378	38704P 11609 11282 32463P	66582 19754 15922 38227
6AS WAT 761020534E OIL	312 1273 1273	251 1337 2805	420 1444 2491	557 221 2841	623 229 3946	2145 458 3769 2430	944 6269 3208	2961 772 3364 3911	3166 934 4797 3389	1174	1023 4741 2916	1362 3663 3122	8850 41571 35934P	8887 44002 35934
6AS WAT 8F1020\$34E OIL	183 747	2377	2567	509 4030 1239	1204 4625 2003	2630 557 2538 1431	944 4355 1313	861 4408 1137	975 4038 1024	3202 999 7017 2398	837 4944 1402	1590 4423 3566	9364 46069 13513P	9364 46069 15513
GAS WAT 9H1020834E 01L				455 88	938 108	682 47 3072	776 17 3356	975 22 3305	881 129 3260	925 7361 3409 997	1000 7290 3046	1432 7941 3396	8064 23003 25404P	8064 23003 25404
6AS WAT 10A1020534E DIL				2130	2560 758 4723 2181	3743 1816	869 5487 2596	896 5105 2419	780 4571 2060	6537 2129	787 4768 2015	465 6140 2251	6218 41074 19397P	6218 41074 19597
GAS WAT LEASE TOTAL OIL GAS	7515 1861	9191 1916	9724	508 2912 12882 3156	716 2847 18017	1211 1967 16922	2552 19500	889 2224 19664	836 2244 18182	1118 2810 21170	974 2061 18987	1816 3314 23756	9012 22931 195310	9012 22931 263202
COMPANY TOTAL OIL	3724 14217	5271 15501	2261 5079 17807	8534 20538	6139 13618 25145	3914 12994 24197	6836 19637 27833	6394 18049 27819	6285 17900 26760	7512 30760 29961	6534 24329 29819	9269 28570 40466	64077 188485 300083	81533 200852 495125
GAS WAT	3971 5224	3884 6703	9865	3387 12986	8426 18793	7647 19569	8855 26505	8806 23717	9082 22745	11086 37894	10825 37889	15410	97856 263941	148817 306676
SHOW OIL B GAS IN FEDERAL SCJ 1A 920334E OIL	1248	489	134	72	110	165	139	319	118		11	70	2875P	2875
POWELL FEDERAL 1P 420534E OIL	3120 329	1639 349	908 266	674	723 220	1590 249	1495 261	2081 361	657 390	286	261	337	12887 3309P	12887 4520e
GAS WAT UNION A FEDERAL 2K1020S34E OIL	185 369	164 155 23	362		248	213	112	68 364	279	293 284	212	245 B	1082 2424 400P	23801 22243 4163
GAS WAT	5287	**										•	5287	135
COMPANY TOTAL OIL GAS WAT	1946 44 8592	861 164 1794	400 45 1270	72 674	330 10 971	414 1803	400 112 1617	680 68 2445	508 46 936	286 293 284	272 53 212	415 245	6584 1082 20398	52244 23936 57624
QUAIL RIDGE YATES	SOUTH	*******	YT	O# 10	5 M				,					
DEVON ENERGY CORP MESCALERO RIDGE UI 3202819534E OIL	. (NEVADA IIT MA 21	> 20	7	15	19		17		•••••				1740	27119
GAS WAT	52 18	66 12	82 14	155	78 14	18 85 16	87 20	19 25 12		5	1	3	136P 639 118	226461 9347
QUAMADA RIDGE DEL				6M TO	7 <b>H</b>									
PERRY R. BASS R H LEGG FEDERAL 182722330E DIL	PLUGG	ING APPR	OVED 196	67	******	*******	******	•••••	•••••					24939
GAS WAT				4.										63303
QUERECHO PLAINS DE ELECTRICIONES DE ANADARKO PETROLEU	*******		DL	6M TO	7 <b>M</b>			•••••						
BURLESON FEDERAL 362618332E OIL 6AS	406 169	272 147	427 272	390 247	388 251	356 218	367 263	377 299	312 269	363 293	364 306	151 123	4173P 2857	22076 15969
PE-JE-AN 1K261B\$32E OIL	1020 869	816 851	1116 861	990 806	930 834	780 725	899 779	837 704	728 848	930 789	930 756	527 772	10503 9594P	51768 23856
GAS Wat	828 4266	889 4108	1073 2940	1039 2730	1105 2573	1067 2430	1113 2573	993 2460	1104 2370	1145 2542	1113 2610	1127 2325	12596 33927	28659 67683
COMPANY TOTAL OIL GAS WAT	1275 997 5286	1123 1036 4924	1288 1345 4056	1196 1286 3720	1222 1356 3303	1081 1285 3210	1146 1376 3472	1081 1292 3297	1160 1373 3098	1152 1438 3472	1120 1419 3540	923 1250 2852	13767 15453 44430	45932 44628 119451
MEWBOURNE OIL CO FRENCH FEDERAL 1M2418532E OIL	269	144		******	300	******* 251	•••••	•••••	160	133			1257P	1522
WAT PALOMA RESOURCES	4890	2727		593	739	280		••••••	142	152			9523	15416
GULF MCKAY FED 1N3418532E OIL GAS	881 1711	723 1744	712 2033	639 2500	517 2340	407 2115	281 1345	346 2157	303 1866	271 1759	233 1388	193 1154	5506P 22312	9696 26342
SANTA FE ENERGY O SPRINKLE FEDERAL	1469 PERATING	1401 Parthers	1637 , L.P.	1618	1437	1342	940	1449	1231	1189	942	758	15413	22501
4F2618S3ZE OIL GAS WAT						801 542 1652	899 755 1877	701 807 1270	608 586 1050	570 528 915	531 464 775	506 460 759	46167 4142 8298	4616 4142 8298
YATES PETROLEUM C		N		*******	••••••	•••••	•••••	*******	•••••	,,,	.,,		<b>31</b> 70	0170
1C2518532E DIL GAS WAT				123	7 127	8 147	9 94	7 135	3 303	111	214		40s 1254	36613 2106 30027
QUERECHO PLAINS D			DL	5M TC	6 <b>M</b>									
BTA OIL PRODUCERS FRENCH C 9004 JV- 1H2418532E OIL	1076	945	955	915	917	808	839	600	676	668	631	738	9768P	27252
GAS WAT FRENCH B 9004 JV-	326	606 216	229	583 218	574 225	548 210	564 178	162	173	133	120	194	6271 2386	10436
112418\$32E OIL GAS WAT		2445 925 1575	2052 833 1327	1783 762 1500	1824 689 1283	1389 563 1236	1911 859 1256	1878 974 1110	1816 928 1178	1587 835 1271	1464 723 1092	1458 637 1023	21087P 9238 15265	536D6 1670B 33672
FRENCH 9004 JV-P 4A2418832E OIL 6AS	464 366 319	430 296	439 319	446 293	429 311	397 287	363 281	380 288	367 256	287 210	400 287	455 290	48577 3484	18943 8336
COMPANY TOTAL OIL	3020	3820 1827	477 3446 1798	458 3144 1638	488 · 3170 1574	2594 1398	426 3113 1704	434 2858 1666	405 2859 1626	371 2542 1449	426 2495 1416	419 2651 1376	5331 35712 18993	18276 99801 35480
WAT QUERECHO PLAIN LO	2259	2291	2033 LB	2176 BH TO	1996	1854	1860	1706	1756	1777	1638	1636	22982	63751
ANADARKO PETROLEU	******	*******		******		•••••	•••••							
PE-JE-AN 1K2618832E OIL GAS	RECO	MPLETED	70 <b>Q</b> U	ERECHO P	LAINS DE	LAWARE								30401 27679
WAT MAYO MARRS CASING SCOTT E FEDERAL	PULLING	INC.		******	•••••	•••••	•••••	•••••	•••••					16440
1K281B\$32E OLL GAS WAT	LAST	PROD. DA	TE 06/86										s	18436 34811 87131
MEWBOURNE OIL CO				•••••	•••••	•••••		•••••	•••••					
1K271BS32E OIL 6AS		MPLETED	TO QU	ERECHO P				••••••						8552 30083
PALOMA RESOURCES GULF MCKAY FED 1N3418532E OIL WAT		ABANDONE	D	******				~~~	~~~**					1095 900
SANTA FE ENERGY O SPRINKLE FEDERAL		PARTHERS	, L.P.	******	•••••			******	******					
4F2618S32E OIL GAS MAT						801 342 1652	899 755 1877						1700P 1297 3529	11307 51924 17396

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