OIL CONSERVATION DIVISION 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131

June 2, 1998

Chevron U.S.A. Production Company P. O. Box 1150 Midland, Texas 79702 Attention: Dave Rittersbacher

Administrative Order NSL-4048(BHL)

Dear Mr. Rittersbacher:

Reference is made to your application dated February 18, 1998, for a non-standard subsurface oil producing area/bottomhole oil well location, pursuant to Rules 104.F and 111.C(2) of the General Rules and Regulations of the New Mexico Oil Conservation Division ("Division"), to be applicable to the Undesignated North Lusk-Strawn Pool underlying a standard 40-acre oil spacing and proration unit comprising the SW/4 SW/4 (Unit M) of Section 28, Township 18 South, Range 32 East, NMPM, Lea County, New Mexico, for the existing Scott "E" Federal Well No. 1 (API No. 30-025-27442).

It is our understanding that said well was originally drilled by Gulf Oil Company in 1981 to a total depth of 13,100 feet and was subsequently completed within the Querecho Plains-Lower Bone Spring Pool. In 1993 after producing a total of 18,436 barrels of oil and 34,811 MCF of gas said well was plugged and abandoned.

Chevron U.S.A. Production Company ("Chevron") and Division records indicate that this well was originally staked at a standard oil well location 1980 feet from the South and West lines (Unit K) of said Section 28.

A resurvey by Chevron in January, 1998 shows the actual surface location of this well to be 1148 feet from the South line and 775 feet from the West line (Unit M) of said Section 28.

Per your application, Chevron, at this time, intends to reenter the wellbore, kick off from vertical in an easterly direction, and directionally drill to a bottomhole location within the Strawn formation at an unorthodox bottomhole location in order to: (i) avoid the severed 5-1/2 inch casing stub at an approximate depth of 7,667 feet; and, (ii) penetrate the small localized highly porous algal reef mound within the Strawn formation underlying the SW/4 of said Section 28 at a more favorable geologic position on its eastern flank.

The applicable drilling window or "producing area" within the Undesignated North Lusk-Strawn Pool, as requested by Chevron, for said wellbore shall include that area within the subject

Administrative Order NSL-4048(BHL) Chevron U.S.A. Production Company June 2, 1998 Page 2

40-acre oil spacing and proration unit comprising the SW/4 SW/4 (Unit M) of said Section 28 that is:

- (a) no closer than 330 feet to the east, south, and west boundaries of said unit; and,
- (b) no closer than 72 feet to the northern boundary of said unit.

By the authority granted me under the provisions of Division General Rule 104.F(2), the above-described non-standard subsurface oil producing area/bottomhole oil well location is hereby approved.

The operator shall comply with all provisions of Division General Rule 111 applicable in this matter.

Sincerely,

Fori Wrotenbery
Lori Wrotenbery

Director

LW/MES/kv

cc: New Mexico Oil Conservation Division - Hobbs New Mexico State Land Office - Santa Fe

OIL CONSERVATION DIVISION 2040 South Pachaco Street Santa Fe, New Mexico 87505 (505) 827-7131

October 21, 1998

Chevron U.S.A. Production Company P. O. Box 1150 Midland, Texas 79702 Attention: Lloyd Trautman

AMENDED Administrative Order NSL-4048 (BHL)

Dear Mr. Trautman:

By Division Administrative Order NSL-4048(BHL), dated June 2, 1998, authorization was given Chevron U.S.A. Production Company ("Chevron") to re-enter, directionally drill, and recomplete into the Undesignated North Lusk-Strawn Pool its Scott "E" Federal Com. Well No. 1 (API No. 30-025-27442), located at an actual surface location that is 1148 feet from the South line and 775 feet from the West line (Unit M) of Section 28 [the staked and reported surface location for this well shows it to be 1980 feet from the South and West lines (Unit K) of Section 28], Township 18 South, Range 32 East, NMPM, Lea County, New Mexico, to a non-standard subsurface oil producing area/bottomhole oil well location within a standard 40-acre oil spacing and proration unit that comprises the SW/4 SW/4 (Unit M) of Section 28. The producing area/drilling window prescribed in Division Administrative Order NSL-4048(NHL) was to be that area within Unit "M" of Section 28 that is:

- (a) no closer than 330 feet to the east, south, and west boundaries of this 40-acre unit; and,
- (b) no closer than 72 feet to the northern boundary of the unit.

Reference is now made to your letter with attachments dated July 30, 1998 and to the Division's well file and records, whereby an amendment should be issued in this order to indicate that the prescribed area was missed and to accurately reflect the actual bottom-hole location of this wellbore.

The Division Director Finds That:

- (1) This application was originally approved under the provisions of Division General Rule 104.F(2);
- (2) This amendment has been duly filed under the provisions of Division General Rules 104.F and 111.C(2);

- (3) During directional drilling operations the wellbore had deviated such that Chevron exceeded the eastern set-back requirements as prescribed in Division Administrative Order NSL-4048(BHL); and that,
- (4) Supporting data submitted with this application indicates that:
 - (a) the wellbore commenced overshooting the eastern limit of the prescribed drilling window/producing area at an approximate measured depth of 9,600 feet;
 - (b) the maximum deviation within the wellbore to the east occurred at a measured depth of approximately 10,881 feet, at which point the subsurface location was approximately 311 feet from the east line of this 40-acre unit;
 - (c) at the deepest most measured depth of 11,924 feet the subsurface location of the wellbore is approximately 333 feet from the east line of this 40-acre unit; and,
 - (d) at no point does the deviated wellbore exceed the northern, western, or southern limits of the prescribed drilling window/producing area.

It Is Therefore Ordered That:

- (1) Division Administrative Order NSL-4048(BHL), dated June 2, 1998, is hereby amended to properly reflect the actual subsurface path of the Scott "E" Federal Well No. 1 (API No. 30-025-27442), as indicated in the findings above.
- (2) All other provisions of Order NSL-4048(BHL) not in conflict with this change shall remain in full force and effect until further notice.
- (3) Jurisdiction of this case is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO OIL CONSERVATION DIVISION

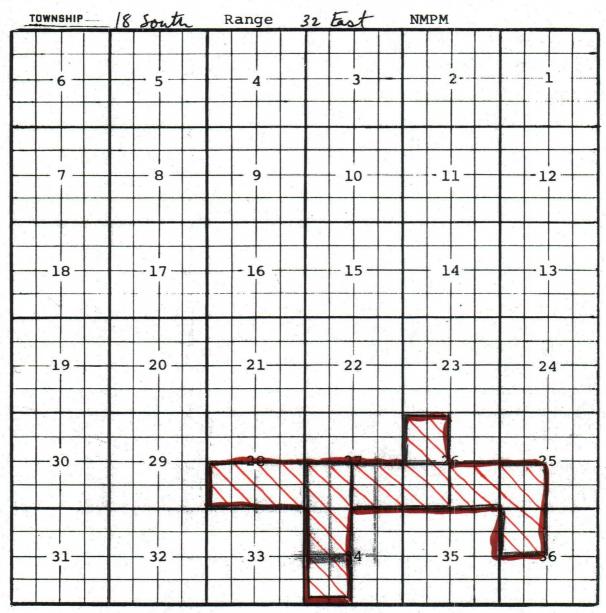
LORI WROTENBERY

Director

cc: New Mexico Oil Conservation Division - Hobbs

U. S. Bureau of Land Management - Carlsbad

File: NSL-4048(BHL)



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Description:	5W/4 Sec. 27 "	W/4 Sec. 34 (Carro marr	757)
Description: Ext. 5/2 5e	c 28 (R-67.	24, 7-16-81)		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Ext; 50/4 Sec. 2	26,5E/4 Sec. 2	CR-8256	7-8-86)	
EX+: NW/4 Sec,	26 (R-8483	8-13-87)	EXT: SW/45FC.	25 SE/4 SEC 26
NW/4 SEC 36 (1	2-8626, 41,188	Ext: SW/	Sec. 34 (R-96	46,3-11-92)
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STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING:

CASE NO. 6848 Order No. R-6332 NOMENCLATURE

APPLICATION OF PETROLEUM DEVELOPMENT CORPORATION FOR POOL CONTRACTION AND CREATION, LEA COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

1880 ACC R-6332 A

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on March 26, 1980, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 30th day of April, 1980, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, Petroleum Development Corporation, seeks the contraction of the Querecho Plains-Bone Spring Pool to comprise the Upper Bone Spring formation only, from 8390 feet to 8680 feet on the log of its McKay West Federal Well No. 1 located in Unit F of Section 34, Township 18 South, Range 32 East, and the creation of the Querecho Plains-Lower Bone Spring Pool to comprise said formation from 8680 feet to the base of the Bone Spring underlying the NW/4 of said Section 34.
- (3) That the application is based upon the temporary completion of applicant's said McKay West Federal Well No. 1 in isolated Second Bone Spring and Third Bone Spring lime zones during July, 1975.
- (4) That said well produced a total of only 1296 barrels of oil from these isolated Bone Springs zones before depleting

them and was subsequently recompleted in a First Bone Spring sand zone during February, 1980.

- (5) That the McKay West Federal Well No. 1 is completed in the same First Bone Spring sand zone as the discovery well for said Querecho Plains-Bone Springs Pool and there are no other producing Bone Spring horizons within or adjacent to the horizontal limits of said pool.
- (6) That at this time there are no engineering or geologic reasons to grant the applicant's request in this case.
- (7) That the arbitrary designation of upper and lower Bone Spring stratigraphic units for purposes of production could result in separation of zones which should be produced as a unit.
- (8) That pending further development, the application for designation of a Querecho Plains-Upper Bone Springs Pool and Querecho Plains-Lower Bone Springs Pool should be denied.

IT IS THEREFORE ORDERED:

- (1) That the application of Petroleum Development Corporation for contraction of the vertical limits of the Querecho Plains-Bone Springs Pool to include only the Upper Bone Springs formation and creation of a Querecho Plains-Lower Bone Spring Pool is hereby denied.
- (2) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO

OLL CONSERVATION DIVISION

JOE D. RAMEY

Director

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION COMMISSION FOR THE PURPOSE OF CONSIDERING:

CASE NO. 6848 DE NOVO Order No. R-6332-A NOMENCLATURE

APPLICATION OF PETROLEUM DEVELOPMENT CORPORATION FOR POOL CONTRACTION AND CREATION, LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on August 5, 1980, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 14th day of August, 1980, the Commission, a quorum being present, having considered the testimony, the record, and the exhibits, and being fully advised in the premises,

FINDS:

- (1) That Case No. 6848 originally came on for hearing before Examiner Richard L. Stamets on March 26, 1980, whereupon the Division entered Order No. R-6332 on April 30, 1980, denying the application.
- (2) That the applicant filed timely application for hearing de novo of Case No. 6848 and this case was set for hearing before the Commission.
- (3) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (4) That the applicant in this case, Petroleum Development Corporation, requested the contraction of the vertical limits of the Querecho Plains-Bone Spring Pool in Sections 27 and 34, Township 18 South, Range 32 East, NMPM, Lea County, New Mexico, to comprise the Upper Bone Spring formation only, from 8390 feet to 8680 feet, and the creation of the Querecho Plains-Lower Bone Spring Pool to comprise the Lower Bone Spring formation only,

from 8680 feet to the base of the Bone Spring formation, all depths being from the log of applicant's McKay West Federal Well No. 1, located in Unit F of the aforesaid Section 34.

- (5) That pressure and production information indicates there are at least two distinct separate reservoirs within the Bone Spring formation in the present Querecho Plains-Bone Spring Pool.
- (6) That it appears that the upper section of the Bone Spring formation should be designated a pool, and that said pool should be known as the Querecho Plains-Upper Bone Spring Pool with vertical limits from 8390 feet to 8680 feet on the log of the McKay West Federal Well No. 1 located in Unit F of Section 34, Township 18 South, Range 32 East, NMPM, Lea County, New Mexico, and with horizontal limits comprising the following described lands:

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM Section 27: SW/4

Section 34: NW/4

(7) That to accomplish the above-described designation of an upper Bone Spring pool, it would be best to contract the vertical limits of the present Querecho Plains-Bone Spring Pool to the limits described above, extend the horizontal limits of said pool to the horizontal limits described above, and redesignate said pool the Querecho Plains-Upper Bone Spring Pool.

(8) That there is need for the creation of a lower Bone Spring pool, said pool to be designated the Querecho Plains-Lower Bone Spring Pool and have vertical limits from 8680 feet to the base of the Bone Spring formation on the log of the above-described McKay West Federal Well No. 1, and horizontal limits comprising the following described lands:

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM Section 27: SW/4
Section 34: NW/4

(9) That an order embodying the above findings will not impair correlative rights nor cause waste and should be approved.

IT IS THEREFORE ORDERED:

(1) That the Querecho Plains-Bone Spring Pool in Lea County, New Mexico, is hereby redesignated the Querecho Plains-Upper Bone -3-Case No. 6848 <u>De Novo</u> Order No. R-6332-A

Spring Pool, and the vertical limits of said Querecho Plains-Upper Bone Spring Pool are established as being that interval in the Bone Spring formation from 8390 feet to 8680 feet on the log of the Petroleum Development Corporation McKay West Federal Well No. 1 located in Unit F of Section 34, Township 18 South, Range 32 East, NMPM, Lea County, New Mexico, and the horizontal limits of said pool are established as comprising the following described area:

> TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM Section 27: SW/4 Section 34: NW/4

(2) That a new pool for Lower Bone Spring production, classified as an oil pool and designated the Querecho Plains-Lower Bone Spring Pool is hereby created, with vertical limits established as being that interval in the Bone Spring formation from 8680 feet to the base of the Bone Spring formation on the log of the aforementioned Petroleum Development Corporation McKay West Federal Well No. 1, and the horizontal limits of said pool are established as comprising the following described lands in Lea County, New Mexico:

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM Section 27: SW/4 Section 34: NW/4

- (3) That this order shall become effective February 21, 1980.
- (4) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

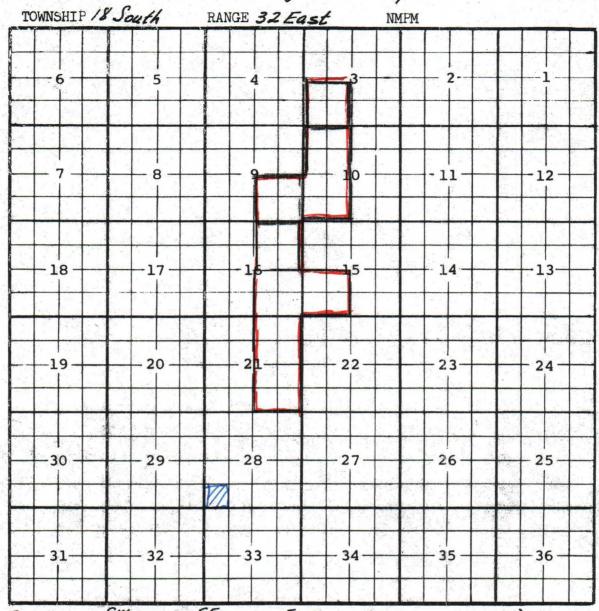
STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

ALEX J. ARMIJO, Mamber

ARNOLD, Member

JOE D. RAMEY, Member & Secretary

S E A L fd/



Description: Sw Sec. 15; Sec. 16; Fx Sec. 21 (R-3021, 12-22-65)

EXT: NE/4 SEC 16 (R-9144, 54-90) EXT: SE/4 SEC. 9, w/2 SEC. 10 (R-9447, 3-1-91)

Ext: Sw/4 Sec. 3 (R-10177, 8-30-94)

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

Descripti	on: 5 E/4 Sec 33	(R-5729 6-1-78)	
Ext: SE/4 sec	32, 5w/4 sec 33 ((R-5729, 6-1-78) CR-6758, 8-26-81)	
			illian Communication

Page: 1 Document Name: untitled

OG6IWCM CMD : INQUIRE WELL COMPLETIONS ONGARD

08/05/04 12:57:16 OGOMES -TPRV

API Well No : ა 0 25 27442 Eff Date : 04-13-1993 WC Status : P

OGRID Idn Pool Idn 50510 QUERECHO PLAINS; LOWER BONE SPRING 20989 SMITH & MARRS INC

Prop Idn : 15002 SCOTT E FEDERAL

Well No : 001

GL Elevation: 3710

U/L Sec Township Range North/South East/West Prop/Act (P/A)

28 **18**S 32E FTG 1980 F S FTG 1980 F W ×

Lot Identifier:

B.H. Locn

Dedicated Acre: Lease Type :

Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll

PF01 PF07 HELP PF02 PF08 PF09 PF03 EXIT PF04 GoTo PF10 NEXT-WC PF11 HISTORY PF12 NXTREC PF05 PF06

Form 3160-5 (June 1990)

New Mexico Oll Conservation Division, District ?

UNITED STATES 1625 N. French Drive FORM APPROVED DEPARTMENT OF THE INTERIOR Hobbs, NM 88240 Budget Bureau No. 1004-0135

BOREAU OF	LAND MANAGEMENT Unungla	Expires: March 31, 1993
	S AND REPORTS ON WELLS	5. Lease Designation and Serial No.
	drill or to deepen or reentry to a different reservoir. FOR PERMIT" for such proposals	6. If Indian, Alottee or Tribe Name
SUBM	IIT IN TRIPLICATE	7. If Unit or CA, Agreement Designation
1. Type of Well: OIL GAS WELL WELL	OTHER	8. Well Name and Number SCOTT E FEDERAL
2. Name of Operator CHEVRON USA IN	ıc	1
Address and Telephone No. 15 SMITH ROAD,	MIDLAND, TX 79705 915-687-737	9. AP! Well No. 30-025-27442
Location of Well (Footage, Sec., T., R., M., or Survey Unit Letter M: 1148' Feet From T	Description) he SOUTH Line and 775' Feet From The	10. Field and Pool, Exploaratory Area QUERECHO PLAINS;LWR BN SPRINGS
WEST Line Section 28	Township 18-S Range 32-E	11. County or Parish, State LEA , NM
12. Check Appropriate	Box(s) To Indicate Nature of Notice, Re	port, or Other Data
TYPE OF SUBMISSION	ת	PE OF ACTION
Notice of Intent Subsequent Report Final Abandonment Notice	Abandonment Recompletion Plugging Back Casing Repair Attering Casing ✓ OTHER: PLUGBACK TO BONE	Change of Plans New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water (Note: Report results of multiple completion on Well Completion or Reconstruction Report and Log Form.)
directionally drilled, give subsurface locations and n CHEVRON U.S.A. INC. INTENDS TO RECOM	rly state all pertinent details, and give pertinent dates, including on neasured and true vertical depths for all markers and zones pertinent THE SUBJECT WELL FROM THE STRAWN 1	inent to this work,)*.
HCL. FRAC LOWER BONE SPRINGS W/21,000 GA TIH W/CIBP & SET @ 8550. PERF 8488-8493 BONE SPRINGS W/32,000 GALS YF135 ST,	NS: MP 35' CMT ON TOP. PERF 8651-8658 & 8624-8633. NS YF135 ST, 60,000 LBS 20/40 SUPER LC CRCS & I, 8460-8470, & 8397-8417. ACIDIZE PERFS 8624-869 94,000 LBS 20/40 SUPER LC CRCS & 8200 GALS WF D. FLOW BACK UNTIL DEAD. TIH W/TBG, RDS & PUI	8500 GALS 2F110 FLUSH. 58 W/1500 GALS 15% HCL. FRAC UPPER F110 FLUSH.
A PIT WILL NOT BE USED DURING THIS I	PLUG BACK.	Approved
NON-STANDARD LOCATION HAS BEEN API	PLIED FOR THROUGH SANTA FE, NM	ACCEPTED FOR RECORD

The Juld & good name has huen changed due to nmock request-PETROLEUM ENGINEER SIGNATURE TITLE Regulatory Specialist DATE 6/22/2004 TYPE OR PRINT NAME Denise Leake (This space for Federal or State office use) **APPROVED** TITLE CONDITIONS OF APPROVAL, IF ANY: DATE

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, fictilious or fraudulent state representations as to any matter within its jurisdiction

GARY GOURLEY

NMOCD-H

Form 316015 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED

BUREAU OF LAND MANAGEMENT	Expires: March 31, 1993
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT" for such proposals	5. Lease Designation and Serial No. M. 4277 D. 6. If Indian, Alottee or Tribe Name
SUBMIT IN TRIPLICATE	7. If Unit or CA, Agreement Designation
1. Type of Well: OIL GAS WELL OTHER	8. Well Name and Number SCOTT E FEDERAL COM
2. Name of Operator CHEVRON USA INC	1
3. Address and Telephone No. 15 SMITH ROAD, MIDLAND, TX 79705 915-687-737	9. API Well No. 30-025-27442
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Unit Letter M: 1148' Feet From The SOUTH Line and 775' Feet From The WEST Line Section 28 Township 18-S Range 32-E	10. Field and Pool, Exploaratory Area LUSK, STRAWN, NORTH 11. County or Parish, State
WEST Line Section 28 Township 18-S Range 32-E	LEA , NM
Check Appropriate Box(s) To Indicate Nature of Notice, Re	port, or Other Data
Abandonment Recompletion Plugging Back Subsequent Report Final Abandonment Notice 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including e directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent CHEVRON U.S.A. INC. INTENDS TO TEMPORARILY ABANDON THE STRAWN POOL IN THE SUBRECOMPLETION TO THE QUERECHO PLAINS; LOWER BONE SPRINGS. THE INTENDED PROCEDURE IS AS FOLLOWS: 1) NOTIFY NMOCD 24 HOURS IN ADVANCE OF WORK. 2) TIH W/BIT & SCRAPPER TO TOP PERF. TOH. 3) TIH & SET CIBP - 50' ABOVE TOP PERF. 4) PRESSURE TEST & CHART FOR NMOCD. WELLBORE DIAGRAMS ARE ATTACHED.	(Note: Report results of multiple completion on Weth Completion or Recompletion Report and Log Form.) Instimated date of starting any proposed work. If well is nent to this work.)*.

14. I hereby certify that the berejoing is true and cornect	Lack					
SIGNATURE / MASS	rake)	TITLE	Regulatory Specialist		DATE	7/1/2004
TYPE OR PRINT NAME	Denise Leake					
(This space for Federal or State office use)	<u> </u>					
APPROVED CONDITIONS OF APPROVAL, IF ANY:	TITLE			DATE		
Title 18 U.S.C. Section 1001, makes it a crime for a	iny person knowingly and	willfully to m	ake to any department or agency of the Unite	d States any false, fictition	us or fraudulent sta	tements or



Well: Scott E Federal Com #1

Location:

1148' FSL & 775' FWL Section: 28 (SW/4 SW/4)

Township: 18S

Range: 32E Unit: M County: Lea State: NM

Elevations:

GL: 3718' KB: 3734' DF: 3733'

Log Formation		
Delware	5203'	
Bone Spring	7005'	
Wolfcamp	10288'	
Strawn	11536'	
Atoka	11942'	
Morrow	12303'	
Barnett	12969'	
		_

Intermediate Csg: 8 5/8" 28# S-80

Set: @ 4158' w/ 1700 sx cmt Hole Size: 11"

Circ: Yes TOC: Surface TOC By: Circulation

TUBING DETAIL - 8/13/98

372 its - 2-7/8" 6.5# L-80 EUE-8-rd tba

- 2 7/8" x 2 3/8" x-over
- 1 2 3/8" x 4.5 FL On Off tool w/ 1.87" F nipple
- 1 45-A4 Sur-Lok pkr

EOT landed @ 11537.68'

Cmt plug 7537'-7751' (50 sx) 5 1/2" csg stub @ 7667" CIBP @ 8730' (50' cmt on top)

Perfs

Status

8790-8900

Bone Spring - abandoned

Prod. Csg: 5 1/2" 17# N-80 & K-55 Set: @ 9000' w/225 sx cmt

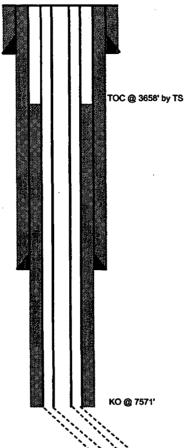
Hole Size: 7 7/8" Circ: No TOC: 7900' TOC By: Temperature Survey

PBTD: 7537 13100 TD:

Updated: 4-16-04 by WAYN

Field: North Lusk

Current Wellbore Diagram



Reservoir: Strawn

Well iD Info:

Chevno: EQ6821 API No: 30-025-27442 L5/L6: T54 / 2600 Spud Date: 5/31/81 Rig Released: Compl. Date: 9/14/81

Surface Csg: 11 3/4" 42# H-40 Set: @ 416' w/ 400 sx cmt

Hole Size: 14 3/4" Circ: Yes TOC: Surface TOC By: Circulation

Initial Completion:

7/13/81 100 sx cmt plugs @ 12900'-13100', 12150'-12350', 10150'-10350'

200 sx cmt plug @ 8720'-9000'; DO cmt to 9000'; ran 5 1/2" csg

8/4/81 Perf BSPG 8790'-8900' A/125gal 20% NEFE

Subsequent Work

8/93 Set CIBP @ 8730 cap w/50' cmt; 50 sx cmt plug 7751'-7537' Pulled 7667' of 5 1/2" csg; Cmt plugs @ 5717'-5561' (40 sx) 4214'-4090' (85 sx), 460'-275' (50 sx) & 60'-surf (15 sx)

7/1/98 Re-entered; DO cmt; KO @ 7571'; Drl new hole to TD: 11975'

& run 5 1/2" csg

8/13/98 Perf Strawn 11636'-11638', 11688'-11692', 11754'-11764', 11768'-

11770' & 11774-11779' ; A/7600 gal 15% HCL

Parfs 11766'-70' & 11774'-79'

Status

11636'-38', 11688'-92', 11754'-64' Strawn - open

Prod. Csg: 5 1/2" 17# N-80 & S-95 Set: @ 11975' w/1375 ax class H cmt

Hole Size: 7 7/8" Circ: No TOC: 3658' TOC By: Temperature Survey

COTD: 11926 PBTD: 11926' 11975



Well: Scott E Federal Com #1 Field: North Lusk Reservoir: Strawn Well ID Info: Location: Chevno: EQ6821 1148' FSL & 775' FWL Proposed API No: 30-025-27442 Section: 28 (SW/4 SW/4) Wellbore Diagram L5/L6: T54 / 2600 Township: 18S Soud Date: 5/31/81 Range: 32E. Unit: M Rig Released: County: Lea State: NM Compl. Date: 9/14/81 Surface Csg: 11 3/4" 42# H-40 Set: @ 416' w/ 400 sx cmt Elevations: GL: 3718' KB: 3734' Hole Size: 14 3/4" Circ: Yes TOC: Surface DF: 3733' TOC By: Circulation Log Formation Tops TOC @ 3658' by TS 5203 Initial Completion: Delware Bone Spring 7005 7/13/81 100 sx cmt plugs @ 12900'-13100', 12150'-12350', 10150'-10350' 10288 200 sx cmt plug @ 8720'-9000'; DO cmt to 9000'; ran 5 1/2" csg Wolfcamp 11536' 8/4/81 Perf BSPG 8790'-8900" A/125gal 20% NEFE Strawn 11942 Atoka Morrow 12303 **Subsequent Work** 12969 8/93 Set CIBP @ 8730 cap w/50' cmt; 50 sx cmt plug 7751'-7537' Barnett Pulled 7667 of 5 1/2" csg; Cmt plugs @ 5717'-5561' (40 sx) 4214'-4090' (65 sx), 460'-275' (50 sx) & 60'-surf (15 sx) 7/1/98 Re-entered; DO cmt; KO @ 7571'; Orl new hole to TD: 11975' Intermediate Csg: 8 5/8" 28# S-80 & run 5 1/2" csg Set: @ 4158' w/ 1700 sx cmt Hole Size: 11" 8/13/98 Perf Strawn 11636'-11638', 11688'-11692', 11754'-11764', 11766'-Circ: Yes TOC: Surface 11770' & 11774-11779'; A/7600 gai 15% HCL TOC By: Circulation 4/04 Prposed Set CIBP @ 11600'; top w/35' cmt Perf Bone spring 8397'-8417', 8480'-8470', 8488'-8493', 8624'-8633' & 8651'-8658'; fracture stimulate & complete as an oil well TUBING DETAIL -KO @ 7571 Cmt plug 7537*-7751* (50 sx) 5 1/2" csg stub @ 7667" CIBP @ 8730" (50" cmt on top) Perfs Bone Spring - abandoned 8790-8900 Status 3397'-8417', 8460'-70', 8488'-93', Bone Spring - open 8624'-33' & 8651'-58' Status 11636'-38', 11688'-92', 11754'-64' Strawn - abandoned 11766'-70' & 11774'-79' Prod. Csg: 5 1/2" 17# N-80 & K-55 Set: @ 9000' w/225 ax cmt Prod. Csg: 5 1/2" 17# N-80 & S-95 Hole Size: 7 7/8" Circ: No TOC: 7900' TOC By: Temperature Survey Set: @ 11975' w/1375 sx class H cmt Hole Size: 7 7/8" Circ: No TOC: 3658' TOC By: Temperature Survey

COTD: 11926

PBTD: 11926

ITD:

By: W.P. Johnson

11975

Updated: 4-16-04 by WAYN

13100

PBTD: 7537 TD: 1310

Form 3160-5 (June 1990)

OCD-HOBBS DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

FORM APPROVED Budget Bureau No. 1004-0135

Expires: March 31, 1993

SUNDRY NOTICE				5. Lease Designat	ion and Serial No.	
Do not use this form for proposals to Use *APPLICATION F	·-			6. If Indian, Alotte	e or Tribe Name	
SUBN	IIT IN TRIPLICATE	=		7. If Unit or CA, A	greement Designat	ion
1. Type of Well: OIL GAS WELL WELL	OTHER			8. Well Name and SCO	Number	СОМ
Name of Operator CHEVRON USA IN	ıc		132		1	
Address and Telephone No. 15 SMITH ROAD,	MIDLAND, TX 797	705	9/5-687-7375	9. API Well No.	30-025-27442	
4. Location of Well (Footage, Sec., T., R., M., or Survey	Description)		:	10. Field and Pool	, Exploaratory Area	
Unit Letter M : 1148' Feet From Ti	he SOUTH Line a	and <u>775'</u>	Feet From The	LUSK, STRAWN,	NORTH	
WEST Line Section 28	Township 18-S	Range	_32-E	11. County or Pari	sh, State LEA , NM	,
12. Check Appropriate	Box(s) To Inc	dicate Natur	e of Notice, Re	port, or Othe	er Data	
TYPE OF SUBMISSION			TY	PE OF ACTION		
Subsequent Report ☐ Final Abandonment Notice 13. Describe Proposed or Completed Operations (Clear directionally drilled, give subsurface locations and magnetic Chevron U.S.A. INC. INTENDS TO TEMPOR RECOMPLETION TO THE QUERECHO PLAIN THE INTENDED PROCEDURE IS AS FOLLOW (BLN) (B) 505.343 1) NOTIFY NMOCD 24 HOURS IN ADVANCE 2) TIH W/BIT & SCRAPPER TO TOP PERF. 3) TIH & SET CIBP - 50' ABOVE TOP PERF. 4) PRESSURE TEST & CHART FOR NMOCD WELLBORE DIAGRAMS ARE ATTACHED.	neasured and true verting RARILY ABANDON NS; LOWER BONE NS: 136/7 OF WORK. TOH.	etails, and give per ical depths for all n	narkers and zones pertin	(Notice of State of S	JUL WEL	ection fe completion on Well aport and Log Form.) work. If well is INCLUDE A
14. I hereby certify that the feredoing is true and correct SIGNATURE: WMALL PAR	ke title	= Regulator	y Specialist		DATE	7/1/2004

APPROVED /s/ Joe G. Lara CONDITIONS OF APPROVAL, IF ANY:

TITLE

Denise Leake

Petroleum Engineer

DATE

JUL 2 2 2004

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, fictilious or fraudulent statements or representations as to any matter within its jurisdiction.



TYPE OR PRINT NAME

Well: Scott E Federal Com #1

Location: 1148' FSL & 775' FWL Section: 28 (SW/4 SW/4)

Township: 18S Range: 32E Unit: M County: Lea State: NM

Elevations: GL: 3718'

KB: 3734' DF: 3733'

Log Formation	Tops	
Delware	5203'	
Bone Spring	7005'	
Wolfcamp	10288	
Strawn	11536'	
Atoka	11942	
Morrow	12303'	
Barnett	12969'	

Intermediate Csg: 8 5/8" 28# S-80

Set: @ 4158' w/ 1700 sx cmt Hole Size: 11"

Circ: Yes TOC: Surface TOC By: Circulation

TUBING DETAIL - 8/13/98

372 jts - 2-7/8" 6.5# L-80 EUE-8-rd tbg

1 2 7/8" x 2 3/8" x-over

2 3/8" x 4.5 FL On Off tool w/ 1.87" F nipple

1 45-A4 Sur-Lok pkr

EOT landed @ 11537.68°

Cmt plug 7537'-7751' (50 sx) 5 1/2" csg stub @ 7667" CIBP @ 8730' (50' cmt on top)

Perfs

Status

8790-8900

Bone Spring - abandoned

Prod. Csg: 5 1/2" 17# N-80 & K-55 Set: @ 9000' w/225 sx cmt

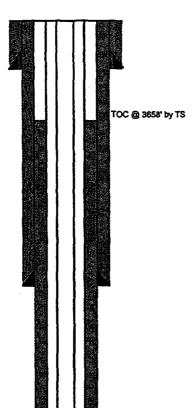
Hole Size: 7 7/8" Circ: No TOC: 7900' TOC By: Temperature Survey

PBTD: 7537 TD: 1310 13100

Updated: 4-16-04 by WAYN

Field: North Lusk

Current Wellbore Diagram



Reservoir: Strawn

Well ID info: Chevno: EQ6821 API No: 30-025-27442 L5/L6: T54 / 2600 Spud Date: 5/31/81 Rig Released: Compl. Date: 9/14/81

Surface Csg: 11 3/4" 42# H-40 Set: @ 416" w/ 400 sx cmt Hole Size: 14 3/4"

Circ: Yes TOC: Surface TOC By: Circulation

initial Completion:

7/13/81 100 sx cmt plugs @ 12900'-13100', 12150'-12350', 10150'-10350'

200 sx cmt plug @ 8720'-9000'; DO cmt to 9000'; ran 5 1/2" csg

8/4/81 Perf BSPG 8790'-8900' A/125gal 20% NEFE

Subsequent Work

8/93 Set CIBP @ 8730 cap w/50' cmt; 50 sx cmt plug 7751'-7537' Pulled 7667 of 5 1/2" csg ; Cmt plugs @ 5717"-5561" (40 sx).

4214'-4090' (65 sx), 480'-275' (50 sx) & 60'-surf (15 sx)

7/1/98 Re-entered; DO cmt; KO @ 7571"; Dri new hole to TD: 11975"

& run 5 1/2° csg

8/13/98 Part Strawn 11636'-11638', 11688'-11692', 11754'-11764', 11766'-

11770' & 11774-11779'; A/7600 gal 15% HCL

By: W.P. Johnson

KO @ 7571'

Perts

11636'-38', 11688'-92', 11754'-64'

Status Strawn - open

11766'-70' & 11774'-79'

Prod. Csg: 5 1/2" 17# N-80 & S-95 Set: @ 11975' w/1375 sx class H cmt

Hole Size: 7 7/8" Cire: No TOC: 3658' TOC By: Temperature Survey

COTD: 11926

PBTD: 11926 11975'

Reservoir: Strawn Well: Scott E Federal Com #1 Field: North Lusk Location: Well ID Info: 1148' FSL & 775' FWL Chevno: EQ6821 Section: 28 (SW/4 SW/4) **Proposed** API No: 30-025-27442 Wellbore Diagram Township: 18S L5/L6: T54 / 2600 Range: 32E Unit: M Spud Date: 5/31/81 County: Lea State: NM Rig Released: Compl. Date: 9/14/81 Elevations: Surface Csg: 11 3/4" 42# H-40 Set: @ 416' w/ 400 sx cmt GL: 3718' KB: 3734' Hole Size: 14 3/4" Circ: Yes TOC: Surface DF: 3733' TOC By: Circulation Log Formation Tops TOC @ 3658' by TS 5203 Delware Initial Completion: Bone Spring 7005 7/13/81 100 ax cmt piugs @ 12900'-13100', 12150'-12350', 10150'-10350' Wolfcamp 10288 200 sx cmt plug @ 8720'-9000'; DO cmt to 9000'; ran 5 1/2" csg 11536 Strawn 8/4/81 Perf BSPG 8790'-8900' A/125gal 20% NEFE 11942 Atoka 12303 Morrow Subsequent Work Barnett 12969 8/93 Set CIBP @ 8730 cap w/50' cmt; 50 sx cmt plug 7751'-7537' Pulled 7667" of 5 1/2" csg ; Cmt plugs @ 5717-5561" (40 sx). 4214'-4090' (85 sx), 460'-275' (60 sx) & 60'-suri (15 sx) 7/1/98 Re-entered; DO cmt; KO @ 7571'; Drl new hole to TD: 11975' intermediate Csg: 8 5/8" 28# \$-80 & run 5 1/2° csg Set: @ 4158' w/ 1700 sx cmt Hole Size: 11" 8/13/98 Perf Strewn 11836-11838', 11688-11692', 11754'-11764', 11766'-Circ: Yes TOC: Surface TOC By: Circulation 11770' & 11774-11779'; A/7600 gal 15% HCL 4/04 Processed Set CIBP @ 11600"; top w/35" cmt Perf Bone spring 8397'-8417', 8460'-8470', 8488'-8493', 8624'-8633' & 8851'-8658'; fracture stimulate & complete as an oil well TUBING DETAIL -KO @ 7571' Cmt plug 7537-7751 (50 sx) 5 1/2" csg stub @ 7667" CIBP @ 8730' (50' cmt on top) Perfs Status 8790-8900 Bone Spring - abandoned Peris Status 8397'-8417', 8460'-70', 8488'-93', Bone Spring - open 8624'-33' & 8651'-58' Perts Status 11636'-38', 11688'-92', 11754'-64' 11766'-70' & 11774'-79'

By: W.P. Johnson

Prod. Csg: 5 1/2" 17# N-80 & K-55 Set: @ 9000' w/225 sx cmt Hole Size: 7 7/8" Circ: No TOC: 7900' TOC By: Temperature Survey

PBTD: 7537 13100

Updated: 4-16-04 by WAYN

Strawn - abandoned

Prod. Cag: 5 1/2" 17# N-80 & S-95 Set: @ 11975' w/1375 sx class H cmt Hole Size: 7 7/8" Circ: No TOC: 3658' TOC By: Temperature Survey

COID: 11926 PBTD: 11926 TD: 11975

	DEPARTMEN	or t <mark>o deepen or re</mark> er	OR INT VELLS Intry to a c		5, L	FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993 ease Designation and Serial No. NM - 92770 Indian, Allottee or Tribe Name
	SUBMIT	IN TRIPLICATE			7. 10	Unit or CA, Agreement Designation
4. Location of Well (Poots)					9. A 30 10. 1	Find and Pool, or exploratory Area orth Lusk Strawn County or Parish, State ea. New Mexico
12. CHECK	APPROPRIATE BOX(s) TO INDICATE N	IATURE	OF NOTICE, REPORT		
	GUBMISSION			TYPE OF ACTION		
X Notice	of Intent		Abandonment			Change of Flans
r-n .	went Report		Recomplotion Plugging Beck Casing Repair Altering Casin			New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water see Report results of multiple completion on Well ampletion of Recompletion Report and Log form.)
13. Describe Proposed or Com-	pleted Operations (Clearly state all	pertinent details, and give poical depths for all markers an	eftinent dates	, including estimated date of start	ing any p	roposed work. If well is directionally drilled,
As required be requests appropriately flowline to to the transfer of t	by 43 CFR 3164.1 - coval of off lease the Spear Federal The water is stor al facility by Poolowned and operated yalty State "AB" W	III. A and on disposal of p Tank Battery 1 ed in a 500 bb 1 Energy Servi by Pool Energ ell No. 1 loca	shore or roduced cocated of tankices, Hogy Serv	oil and gas order divater. The wat at SE 1/4 of NW and transported bbs, New Mexico fices. The water Unit C of Section	No. 1/4 1/4 1 to Th disp 13,	7, Chevron s transported by of Section 33, a commercial is water disposal osal well is T19S, R37E, Lea
						CHED FOR

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.

Tide __OPERATIONS SUPERVISOR

WOREHAN ENGINEER

Date

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

Approved by _

Conditions of approval, if any:

(This space for Federal Companies 199 1 LES BABYAY

District I PO Box 1980, Hobbs, NM 88241-1980 District II PO Drawer DD, Artesia, NM 88211-0719 District III 1000 Rio Brazos Rd., Aziec, NM 87410

State of New Mexico Ener Minerals & Natural Resources Department

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

Form C-104 Revised October 18, 1994 Instructions on back Submit to Appropriate District Office 5 Copies

District IV 2040 South Pacheco	Santa F	re NM	87505			,						☐ AM	ENDED REPORT	
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ſ *				rator name								UD Number		
Chevron U.:	S.A. 1	Inc.	υ _γ .									4323		
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4 A	PI Num	ber			12.2.10		⁵ Pool N	ame				6	Pool Code	
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⁷ Pro	porty Co	de					Property l	Name				9	Well Number	
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V. Well C	Compl	letio	n Data											
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VI. Well														
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47 I hereby certi complied with a the best of my k Signature:	nd that ti	he info	rmation giv				Approve		OIL CO	NSERVAT	ION I	DIVISIO	N	
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J. K. RIP	LEY		•	V			 					1323		
Title: TECHNICAL	ASSIS	TANT					Approva	l Dato:	MAY	0 3 1993				
Date: 4/26				Phone:	915)687-71	48								
×-2		Горега	tor fill in th		mber and name		revious ope	rator						
										 -				
İ		Previ	ous Operate	or Signature			Pr	inted Name				Title	Date	

State of New Mexico
Enc. Minerals & Natural Resources Department

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505 Form C-104 Revised October 18, 1994 Instructions on back Submit to Appropriate District Office 5 Copies

PO Box 1980, Hobbs, NM 88241-1980

District II

PO Drawer DD, Artesia, NM 88211-0719

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

Previous Operator Signature

District I

District IV 2040 South Pacheco, Sa	ianta Fe. NI	M 87505							X A	AMENDED REPORT
I.			Γ FOR A	LLOWAB	LE AN	D AUTHO	RIZAT	TION TO TI	RANSPO	ORT
			rator namo an	nd Address		a sant.			OGRID Nun	
Chevron U.S.	A. Inc.				Þ	- M. J.			4323	
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Midland, TX			i pai de mi		-				RE-ENTE	
4 API	Number	J	i		5 P	Pool Name				6 Pool Code
	025-274	142				STRAWN, N.				96678
⁷ Proper		1	i			perty Name				9 Well Number
	0093				SCOTT	"E" FEDERAL	<u> </u>			1
		Location						 	·	
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		Hole Lo		T		· 131-a11			T	
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12 Lse Code 11		ng Method Co		Connection Date	15 C-1	29 Permit Numb		16 C-129 Effective		17 C-129 Expiration Date
- Lse Code	110000	F	I	8/13/98	~	.7 10111111 1101110	,61	C-127 Miles	Date	C-123 Expiration Date
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VI. Well Te				** = · B						
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⁴¹ Choke Size		⁴² Oil		43 Water		44 Gas		45 AOF		46 Test Method
19/64		311		3		344				FLOWING
⁴⁷ I hereby certify to complied with and t	that the rul	es of the Oil	Conservation	Division have b	cen		OIL CC	ONSERVATIO	N DIVIS	ION
the best of my know	viedse and	bellet.	AN ADOVE IS ILL	Je and complete .	Ap	proved by:	HEAL LA	i kalandari	os sinali	=
Signature:	<u>, K. 1</u>	Kipil	<u>u</u>				- الناظ	ach luc <u>e</u> ha	asu h 	
Printed name: //J. K. RIPLE	γ	/	(Tit	le:				
Title:			<i>y</i>		Ap	proval Date:	771	0 4 1398		
TECHNICAL AS	SSISTAN		Т						· · · · · · · · · · · · · · · · · · ·	
Date					. 11					
Date: 10/29/9	98			915)687-7148						

Printed Name

Title

Form 3160-4 (July 1992)

ID STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN DUPLICA

FORM APPROVED

BUREAU OF LAND MANAGEMENT

(See wher in-structions on reverse side)

Oil Cons Division

	OMB NO. 1004-0137
	Expires: February 28, 199
5.	LEASE DESIGNATION AND SERIAL N

WELL COM	PLET	ION O	R RECO	MPL.	ETION	REP	ORT	GNB94-	199	6. IF IN	-	LOTTEE	OR TRIBE NAME
Ia. TYPE OF WELL:	PTION.	OIL WELL	X GAS WELL	<u> </u>	DRY 0	Other —	- 1	obbs, N	M 882	UNTI	AGREEN	IENT NA	ME
b. TYPE OF COMPL	WORK [DEEP-		¬ ,	OIFF.	Other RF -	FNTRY			N/A		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
2. NAME OF OPERATOR	OVER L	EN.	L BACK	1	RESVR L	Other				8. FAR	M OR LEA	SE NAM	E, WELL NO.
Chevron U.S.A.	_									SCI	TT "F	" EEL	DERAL #1
3. ADDRESS AND TE		E NO.	<u></u>								WELL NO.		DENAL #1
P.O. Box 1150,	Midl		79702				(9	15) 687	-7148	30	-025-2	7442	
4. LOCATION OF WELL			ly and in accorde					^		10. FIE	LD AND P	OOL, OR	WILDCAT
At surface 1980' FSL & 19	ov 		UNITK	()	48/5	47	75/u	J			CV.CTD	ALBI	A1
At top prod. interval			OMT! V	((48/5	18	~ (√			SK:STR		N.
••	-					u	n, t	,,,		AND	SURVEY	OR ARE	A .
At total depth				14 P	ERMIT NO.		DATE	ISSUED			NTY OR	1183	R32E
M. Comment				1	ERAIT NO.			20012		PAR	ISH		is. state
										<u> </u>			NM
/is. dafte spudded <u> </u>		24/98	1	3/98	(Ready to prod	.)	18. ELEV	ATIONS (DF.	RKB, RT,	GR, ETC.)		19. EL1	EV. CASINGHEAD
20. TOTAL DEPTH, MD 8	TVD	21. PLUG, B. 11,97	ACK T.D., MD & 1	TVD	22. IF MULTIP HOW MANY		•	23. INTER	ED BY	ROT	ARY TOO	LS	CABLE TOOLS
24. PRODUCING INTERV	AL(S), OF T	HIS COMPLET	TION - TOP, BOTT	OM, NAM	E (MD AND TVI	D)*				L,		25.	WAS DIRECTIONAL SURVEY MADE
11,636'			·					·			_T		YES
26. TYPE ELECTRIC AND NGT/BI		OGS RUN C/FMI/GF	₹									27. WAS	NO NO
28.			CAS	ING RE	CORD (Repo	nt all string	s set in we	ell)					
CASING SIZE/GRADE		IGHT, LB./FT.	DEPTH SE			LE SIZE			EMENT,	CEMENTI	G RECOR	D .	AMOUNT PULLED
5-1/2"	5-1/2" 17# 11,975' 7-7/8" 10,760'												
													
			TTD BECOME							- Trines	G PROC		<u> </u>
SIZE SIZE	TOP (N		NER RECORD BOTTOM (MD)	SACK	S CEMENT*	9CDEX	N (MD)	30. SIZE	$\neg \top$		IG RECC SET (MD)		PACKER SET (MD)
364			SOTTOM (MD)	JACA	G CEMENT	JC KE	AT (IMD)	2-7			11.538		11.534
				1				 /	′° -		11,000		11,334
31. PERFORATION RECOR	D (Interva	l, size and nu	unber)			12	AC	ID SHOT	ERACTII	DE CEL	TENT SO	HEFZE	PTC
			·				INTERVA	·····					
11.636'-1	1.779	(3) J	IHPF			11.6	<u> 36'-11</u>	.779'	7600	GALS	15% &	150	RCNB'S
									<u> </u>		_		
						<u> </u>							
33.*					PRODUCTI								
8/13/98		PRODUCTI	ON METHOD (FTO FLOWIN		ilft, pumping	- size and i)pe of pu	mp) 			WELL ST shut-i		roducing or OD
DATE OF TEST 9/6/98	HOURS T	ested 24	CHOKE SIZE 19/64		D'N. FOR	OIL - BBL		GAS - MCF		WATER		10	as - oil ratio 1106
PLOW. TUBING PRESS.	CASING I	PRESSURE	CALCULATED 24-HOUR RATE	OIL	- BBL. 311	GA	s - MCF.		WATER - I	98L	10	OIL GRAV	/ITY - API (CORR.)
34. DISPOSITION OF GAS		l for fuel, ven	ited, etc.)		<u> </u>			ACCEPT	ED FO	RIFEC	ORDED	+	<u> </u>
SOLD								IRIG. SC				1	
35. LIST OF ATTACHMEN DIRECTIONA		ΈΥ					1	1000	T 2 C	1998		1	
36. I hereby certify that the fe			John is complete and	correct as o			1				丁	0.100	100
SIGNED		NYIL	uf_		TITLE TEC	MNICAL	W22/12	IANI	BLM		DATE	9/29	7 98

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

recoveries):	m indan grannia	Common Co	utili-siem, tesis, including deput interval tested, cusinon used, unic tool open, nowing and sharm pressures, and recoveries):	38. GEOI	GEOLOGIC MARKERS	
FORMATION	P OT	ВОТТОМ	DESCRIPTION, CONTENTS, ETC.		F	TOP
				NAME	MEAS, DEPTH	TRUE VERT. DEPTH
STRAWN	11,602	11,780	OIL AND GAS	DELAWARE	5,203	5,203
	,			BONE SPRINGS	7,005	7,005
				WOLFCAMP	10,288	10,288
				STRAWN	11,536	11.536
			-	ATOKA	11,942	11.942
				MORROW	12,303	12,303
		*******		BARNETT	12,969	12,969
					···	

DISTRICT I P.O. Best 1980, Mebbs, NR 38541-1980

State of New Mexico

Energy, Minerale and Natural Secondon Department

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

Pool Name

LUSK; STRAWN, N.

State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT II P.O. Drawer RD, Artesia, Nil 86211-0719

1000 Rio Brazos Rd., Artec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

AMENDED REPORT

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

API Number

30-025-27442

DISTRICT III

WELL LOCATION AND ACREAGE DEDICATION PLAT

Paul Code

96678

Property (ode			SĊ	Property New			Well Num	her		
. 20093 OGRID No	· ·		Elevation								
4323			CHE	VRON U	.S.A. PRODU	CTION COMPA	NY	3718			
				,—	Surface Loc	ation					
UL or lot No.	Section	Township	1 -	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County		
.M	28	18 9	32 E		1148	SOUTH	775	WEST	LEA		
	·		Bottom	Hole Lo	cation If Diffe	erent From Sur	face				
UL or let No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County		
Dedicated Acre	loint o	er Infill	Consolidation (Code Ox	der No.	<u> </u>	<u> </u>		L		
40	Ì							•			
NO ALLO	WABLE 1	OR A	ASSIGNED 'NON-STAN	TO THIS	COMPLETION U	NTIL ALL INTER APPROVED BY	RESTS HAVE BE THE DIVISION	EN CONSOLIDA	ATED		
	j				Į Į		OPERATO	R CERTIFICAT	MOI		
	i				í			y certify the the tex			
	İ				i			n is true and compli pledge and better.	ele to the		
	ļ				j						
	1			ł	į		$\parallel \wedge \vee$	Dalla			
	Į	Stephare									
	Į.				1		J. K. RIPLEY				
				J	ut i l		T.A				
	Į			<u> </u>	I		Title				
					i	. •	10/2	9/98			
	į.				!		Date				
······································	 						SURVEYO	R CERTIFICAT	NOI		
	í				i			that the well level			
	1				ŧ			e platial from field made by me or			
	1	•		1	1		supervison, and that the same is true an correct to the best of my bellef.				
		NAD 2		/ 32 71	4 7904 >			total of the court	•		
	!	τ=624 X=671	018.89 N 151.55 E	5 E \-103.7768673) JANUARY							
	<u></u>		Date Survey Made to the Manual Control of th								
775'	,	Date Surveyednishing Signature & South African Profession Santa Control									
,,,,				1	1		11 30 WA	44			
:					1		Kornt	1 de la la la la la la la la la la la la la	-27-9		
, .					i	·	24.0. W	m. 48-18-00			
<u>.</u>					i		357				
					i	•	In TO PROF	ESCHOLOR TEDSON	V. 1200		
				<u> </u>	<u> </u>		- Allington	F22handerwencher	·. ····		

Form 3160-5	UN' O STATES		FORM A	APPROVED
(June 1990) . Di	EPARTMEL OF THE INT	TERIOR	ಒಪ್ಪುet Bure	eau No. 1004-0135
B	UREAU OF LAND MANAG	SEMENT	Expires: M	larch 31, 1993
			5. Lease Designal	tion and Serial No.
SUNDRY	NOTICES AND REPORTS	ON WELLS	NM-9277	'0
Do not use this form for propo	sals to drill or deepen or re	eentry to a different reservice	F. 6. If Indian, Allotte	e or Tribe Name
Use "AP	PLICATION FOR PERMIT	-" for such proposals	N/A	
	SUBMIT IN TRIP	LICATE		
Type of well	SUBMIT IN TRIP		- A.//A	greement Designation
XX Oil Gas	Other	N.M. Oil Cons.	DIVISION and	No.
2. Name of Operator	<u> </u>	N.M. OII 00110.	SCOTT"	'E" FEDERAL #1
CHEVRON U.S.A. INC.		P.O. Box 1980		
3. Address and Telephone No.		HODDB, NM 8824	30-025-2	7442
P. O. Box 1150, Midland, TX	79702 (915)687-7148			I, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M.			 -	T STRAWN
1980' FSL & 1980' FWL			11. County or Part	
SEC. 28, T18S, R32E	, ONT K		11. County or Par	ish, State
320. 28, 1103, 1322			LEA, NM	1
CHECK API	PROPRIATE BOX(S) TO II	NDICATE NATURE OF NOT		
12 TYPE OF SUBMISS		TYPE OF ACTION		0.1.0.1.1.0.1.7.1
XX Notice of Inte		Abandonment	Change of Pi	ians
<u></u>		Recompletion	New Constru	
Subsequent	Report	Plugging Back	Non-Routine	
	-	Casing Repair	Water Shut-0	· •
Final Abandon	ment Notice	Altering Casing	Conversion to	
		XX Other	Oispose Wate	•
		RE-ENTRY	(Note: Report results of a	multiple completion on Well ation Report and Log form)
13. Decribe Proposed or Completed Operations	(Clearly state all pertinent details, and give	e pertinent dates, including estimate date of		
PLUG 7560'-7571'. DR	LD TO 11,975'; SET 5-1/2'	8'. DRLD PLUG 4091'-4216 '' CSG. CMTD W/1375 SX (ACZD W/7600 GALS 15%	CL "H". WOC 14	DAYS, CLEANED OUT
,		ACCEPT (ORIG _D §	ED FOR RECO FD2 DAVID F BLM	RD R. GLASS
14. I hereby certify that the torgoing is buy and Signed	ceffect Uf Title	T. A.	Date	9/29/98
Approved by Conditions of approval, if any:	Title		Date	

1000

Form 3130-5 (June 1990)

HTED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT N.M. Oil Con

SUNDRY NOTICES AND REPORTS ON WELL NM 88241

Do not use this form for proposals to drill or deepen or reentry to a different reservior.

5. Lease Designation and Serial No. NM-92770 6. If Indian, Allottee or Tribe Name

FORM APPROVED

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

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 XX Oil Gas Other		N/A 8. Well Name and No.
2. Name of Operator CHEVRON U.S.A. INC.		SCOTT "E" FEDERAL #1
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
1	Casing Repair	Water Shut-Off
Final Abandonment Notice	Altering Casing	Conversion to Injection
	Other EXTENSION	Oispose Water

CHEVRON U.S.A., INC. HEREBY REQUESTS AN EXTENSION OF THE APPROVED APD FOR A PERIOD OF ONE YEAR. ٠. :

13. Decribe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimate date of starting any proposed work. If well is directionally drilled.

14. I hereby certify that the structing introduct and confect Signed	Title	Т. А.	Date	11/25/97	
(This space for Federal or State office Use) Approve DAVID & GLASS Conditions of approval, if any:	Title	PETROLEUM ENGINEER	Date_DEC	0 8 1997	

• •	•		CUIDANT IN TRIPLICATES		Form and	
Form 2160-3 December 1990)			SUBMIT IN TRIPLICATE:	,, ,	Form approved. Budget Bureau No. 1994-	0136
	•	(TED STATES	P. O. BOX 3000 reverse s		Expires: December 31, 1	991
	DEPARTI	MENT OF THE INTER	IOR		5. LEASE DESIGNATION AND SI	ERIAL NO.
	BURE	AU OF LAND MANAGEN	MENT		NM-427	70
					6. IF INDIAN, ALLOTTEE OR TRI	BÉ NAME
	APPLICATION FOR I	PERMIT TO DRILL OF	R DEEPEN		ALZA	
Ia. TYPE OF WORK	DRILL X	DEEPEN			N/A 7. UNIT AGREEMENT NAME	
		J 22. 2.10				
D. TYPE OF WELL OIL XXX	GAS	DE EUTON	SINGLE XXX MULTIPLE		N/A 8. FARM OR LEASE NAME, WELL NO.	
WELL	WELL	OTHER RE-ENTRY	ZONE ZONE	<u></u> _	SCOTT *	E" EEDEDA: #*
CHEVRONIIS A IN	IC. ATTN: J. K. Ripley				9. API WELL NO.	E" FEDERAL #1
3. ADDRESS AND TELEPH					30-025-2	7442
	IDLAND, TX 79702 915-6	87-7826			10. FIELD AND POOL, OR WILD	
	teport location clearly and in accordance				WILDCAT STRAWN	
At surface 198	0' FSL & 1980' FWL U	NIT K			11. SEC., T., R., M., OR BLK.	·
					AND SURVEY OR AREA	
At proposed prod. zone	NO DIRECTION FROM NEADEST TOWN	N OR POST OFFICE:			SEC. 28, T18S, R32E	Ta
	ND DIRECTION FROM NEAREST TOW MILES SOUTH OF MALJAMAR				12. COUNTY OR PARRISH LEA	13. STATE
15. DISTANCE FROM PRO			18. NO. OF ACRES IN LEASE	17. NO.	OF ACRES ASSIGNED	NM
LOCATION TO NEAREST PROPERTY OR LEASE LIS	NE FT			101	THIS WELL	
(Also to nearest drig. unit \$		1980'	320	1	40	9
18. DISTANCE FROM PRO			19, PROPOSED DEPTH	20. ROT	ARY OR CABLE TOOLS	
TO NEAREST WELL, DRIL OR APPLIED FOR, ON TH		4 MILES	12,200'		ROTARY	
21. ELEVATIONS (Show w	hether DF, RT, GR, ect.)				22. APPROX. DATE WORK WILL	START*
73	3710'	- · · · · · · · · · · · · · · · · · · ·			11/20/96 ****	<u> </u>
		PROPOSED CASING	AND CEMENTING PROGRAM			
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	ŢŢ	QUANTITY OF CEMENT	
7-7/8"	5-1/2"	17#	12,200'	<u> </u>	INT CSG SHOE	
				↓		
l		1	ı	1		
		AUT				13 -
			SIDETRACK 5-1/2" CSG STUB @ 7667' AN			2
TIONAL MOTOR PL	IN IS NECESSARY DURING TH	FINITIAL SIDETRACK OR LAT	YRO SURVEY WILL BE RUN TO DETERMIN ER WHILE DRILLING. IF WELL IS DEEMED	SO OD	BRID NO.	93
NON-COMMERCIAL	. THE WELLBORE WILL BE PLI	IGGED AND ARANDONED PER	FEDERAL REGULATIONS. PROGRAMS TO	ADHE	85. NO.	
		OUTLINED IN THE ATTACHME			411'	101/2
		E, EXISTING PAD WILL BE USE	ED.	ິດ.	100E-11/14	1991112
			PC	yur s	175 100	771476
	Line	11. 2 57	ehoke Size) E	FF D	ODE 12/24 ATE 30-025	
****PLEASE EXPE	DITE**** (We')	ADEY agle	Crosse = /	API N	المستهارة	and the first of t
IN ABOVE SPACE DESCE	HBE PROPOSED PROGRAM: If recover		ctive zone and proposed new production zone. If propose			المناس 1940ء:
deepen directionally, give p	pertinent data on subsurface locations an	i is to taepen, give data on present produ I measured and true vertical depths. Give	blowout preventer program, if any.	a as as anii	<u> </u>	111
24 0 V	Pinlan				90 10/23/	~
SIGNED	ryney	TIME	TECHNICAL ASSISTANT		DATE 10 /2 3/9	20, 11
(This second for Endam)	or Cinto office year) []				- · · · (2)	

*See Instructions On Reverse Side

TOM. MINERALS

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.

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the

CONDITIONS OF APPROVAL IF ANY:

(ORIG. SGD.: TONY & FERGUSON TITLE

1018.00 1 1 506 11387 0 1 1 1 1 18 96. W Th () h 10H

RECEIVED

District I PO Box 1998, Hobbs, NM 28241-1998 District II PO Drawer DD, Artesia, NM 88211-9719 District III 1000 Rio Brame Rd., Aztec, NM 87410

State of New Mexico

Maria Maria

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

Form C-102 Revised February 10, 1994 Instructions on back

Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

T

District IV PO Box 2008, Se	inta Fe. NM	[87 504 -20 88							E		NDED REPOR
		WE	ELL LC	CATIO	N AND	ACI	REAGE DEDI	CATION PI	LAT		
·	API Numb)et	T	' Pool Cod	de .			' Pool N	A.D.C		
30-02	25 - 2744	42			· · · · · · · · · · · · · · · · · · ·		WILDCAT	STRAWN			
' Property	Code				171	roperty	Name				Wall Number
200	293	<u> </u>		SCO'	TT "E"						1
OCRED	No.				•	perator					* Esvation
. 4323		L	<u> </u>	CHEVRO	N U.S.A		Location			3	3710' GL
	T	T =	1	1 145				1			Υ
UL or lot se.	Section	Township	Range	Lot Ida	Feet from	the	North/Seath Eng	Fost from the	East/Wes	4 Eas	Conacy
K	28	18S	32E	<u> </u>	1980		SOUTH	1980	WES	<u>r</u>	LEA
	·	T					If Different Fro		7		7
UL or lot se.	Section	Township	Range	Lot Ida	Feet from	the ;	North/South fac	Fast from the	East/Wes	i Ene	Coraty
	1		- "	7:140					<u> </u>		1
¹² Dedicer 1 Act			Coassidatio		Order No.				·		<i>:</i>
NO ALLOY	WABLE \						ON UNTIL ALL I EEN APPROVED			N CON	SOLDATED
16			•					Signature Signature Printed Name Title Date 18 SURVI I hereby certify was ploated from	y that the injudence so the balance	RIPLES CERTI di location of actual n, and that ny belief.	IFICATION remained herein is transladge and belief providing and belief providing and belief plates and the same is true.
								Ceruficate Num	ober		

;	SB. 9 JATOT		_ from Approved.
	m 5-221 oc. 1979	TES BLW - CARLEBAD	Budget Berown No. 42-R1424
	DEPARTMENT (OF THE INTERIOR	5. LEAST NM-24162
`` 	\ . •	CAL SURVEY	5. LEASE. NM-24162 6. IF INDIAN, ALLOTTEE UR TRIBE NAGE
		ND REPORTS ON WELLS	7. UNIT AGREEMENT NAME AUG 3 0 1993
(0	o not use this form for proposale to coursely. Use Famm 9-331-C for each pr	bill or to despin no plug back to a different operate.)	8. FARM OR LEASE NAME
1	I. will Li goo Li ot	line 30 of	Scott "E" Federal C.DIST 6 N.M. C.
Mago	Z. NAME OF OPERATOR	186 3076 in	10. FIELD OR WILLICAT NAME
Maire	Smith & Marrs, Inc.	ais 5 mare	Querecho Plains Lower BS
	z. ADDRESS OF OPERATOR P.O. Box 863 Kermit,	TX 79745	11. SEC., T., R., M., OR BLK. AND SURVEY OR
	4. LOCATION OF WELL (REPOR	IT LOCATION CLEARLY. See apace 17	MREA Unit K, Sec. 28, T-185, R32E
ralling	7 below.) AT SURFACE:		12. COUNTY OR PARISH 13. STATE
200	AT TOP PROD. INTERVAL:	•	Lea NM'
•	AT TOTAL DEPTH:	The hamman having at writing	30-875. 27447
3	REPORT, ON OTHER DATA	TO INDICATE NATURE OF NOTICE	18. ELEVATIONS (SHOW DY, HDR, AND WD)
	REQUEST FOR APPROVAL TO:	SUBSEQUENT HEPORT OF:	
1	FRACTURE TREAT	F	•
	SHOOT OR ACIDIZE	ដ្ឋ	
	REPAIR WELL FULL OR ALTER CASING [7]	H	tiones no replacement of multiple completes or zone change on Ferm 9~1361
(MULTIPLE COMPLETE		•
	CHANGE ZONES [] ABANDON* []	17	
	(other)	The state of the s	
	17. DESCRIBE PROPOSED OR	COMPLETED OPERATIONS (Clearly	tate all pertinent details, and give pertinent dates,
		depths for all markers and zones perti	s directionally drilled, give subsurface locations and nent to this work.)*
	R_16_93 Sot CTRP 6 :	8730' - 50' cement on top	
		@ 7751' - 7537' tagged -	pulled 7667' of $5\frac{1}{3}$ ".
	8-18-93 Spot 40 sxs	@ 5717' - 5561'.	•
	8-18-93 Spot 40 sxs 8-19-92 Spot 25 sxs	0 4214' - 4184' tagged.	·
	8-19-93 Spot 50 sxs		
	8-19-93 Spot 15 sxs		·
	•	Install dry hole marker	,
		Circulate with mud	•
		. •	
	Subsuriace Safety Valve: Manu	, and Type	Bet @
1	. 18. I hereby cartify that the fo	regoing is true and correct	
	SIGNED HELDS	THE V-F	DATE 8-25-93
		(This space for Federal or St.	ate office iso)
	APPROVED BY	117LE	DATE
	CONDITIONS OF APPROVAL IF		
	•		

*See instructions on Reverse Side

ubmit 5 Copies poroprists District Office Appropriate District Office DISTRICT I P.O. Box 1980, Hobbs, NM 88240

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

State of New Mexico rgy, Minerals and Natural Resources Departme Form C-104 Revised 1-1-89 See Instructions at Bottom of Page

OIL CONSERVATION DIVISION

P.O. Box 2088

DISTRICT III 1000 Rio Brazos Rd., Azzec, NM 87410	BEO			·			04-2088 AUTHOF	RIZATIO	N			
I.							TURAL	SAS		API No.		
Mayo Marrs Casi	ng Pull	ing, I	nc.							30-025	-27442	
P.O. BOX 863, Reason(e) for Filing (Check proper box)	Kermit,	Texas	78	3745			et (Please ex	-1-2-1				
New Well Recompletion Change in Operator	Oi) Casinghe	Change in	Dry				ffectiv		/ 1	, 1993		
If change of operator give name and address of previous operator	arvey E	. Yate	s Co	ompany	. P.O	Box	1933,	Roswel	1,	N.M.	88202	
II. DESCRIPTION OF WELL Lame Name Scott E Federal	AND LE			Name, Inc			wer BS			of Lease Federal or Fe	se NIM	Lease No. 24162
Location										·	1 1911-	24102
Unit Letter K Section 28 Townshi			Feet .		Sou1		e and MPM,	1980	_ Fe	et From The	West	County
III. DESIGNATION OF TRAN												
Name of Authorized Transporter of Oil T&A		or Conden					e address to	which appro	wed	copy of this ;	form is to be	seni)
Name of Authorized Transporter of Casin	ghead Gas		or Dr	y Gat _	Addr	ess (Giw	e address to	which appro	wed	copy of this j	form is to be	seni)
If well produces oil or liquids, give location of tanks.	Unit	Sec. 28	Twp.		ge. is gas		connected?	Į w	hen	?		
If this production is commingled with that IV. COMPLETION DATA	from any oth		pool, g		ng)ing ord	NO er numb	×er					
Designate Type of Completion	- (X)	Oil Well	7	Gas Well	Nev	Well	Workover	Deeper	-	Plug Back	Same Res'v	Diff Res'y
Date Spudded	Date Comp	ol. Ready to	Prod.		Total	Depth			1	P.B.T.D.	·	
Elevations (DF, RKB, RT, SR, etc.) Name of Producing Fornation					Top C	il/Gas P	ay			Tubing Dep	J.	
erforations /										Depth Casin	g Shoe	
NO E CITE		UBING,			D CEM	CEMENTING RECORD				SACKS CEMENT		
HOLE SIZE	CA	SING	BING	5126		DEPTH SET				SACKS CEMENT		
				_								
V. TEST DATA AND REQUES OIL WELL (Test must be after re					us be equi	Deer 1	exceed top all	lowable for	Ihis	depth or be f	or full 24 ho	urs,)
Date First New Oil Run To Tank	Date of Tes						had (Flow, p					
Length of Test	Tubing Pres	pare			Casing	Pressur	,			Choke Size		
Actual Prod. During Test	Off - Bbls.				Water	Water - Bbis. Gas-MCF						
GAS WELL	<u></u>								1			
Actual Prod. Test - MCP/D	Length of T	esi			Bbla. C	Ondensa	ue/MMCF			Gravity of Co	on de beate	
esting Method (pisot, back pr.)	Tubing Pres	spure (Shut-i	n)	·	Casing	Pressun	e (Shut-in)		1	Choke Size		
/I. OPERATOR CERTIFICA 1 hereby certify that the rules and regulat Division have been complied with and the	tions of the (Dil Conserva	tion			0	IL CON	NSER\	/A	TION E	DIVISIO)N
is true and complete to the best of my kn)ate /	Approve	d AUG	0	5 1993		WT
Signature		-			E	Ву	• .	-Orig-1	Sie	ned by		
Ricky Smith	Ure Grade		نام الله ع الله	<u></u>	∦ ₁	itle_		Pau	1 F	Cautz gist		
Deta			one N									

- 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 filled for each pool in multiply completed wells.

Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED Budget Bureau No. 1004-0135

Expires:	March	31, 1993
		C

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

NM-24162 6. If Indian, Allottee or Tribe Name

Change of Plans

SUBMIT IN TRIPLICATE	7. If Unit or CA, Agreement Designation
I. Type of Well Oil Gas Well Well X Other P&A	8. Well Name and No.
2. Name of Operator	Scott "E" Federal #1
Harvey E. Yates Company	9. API Well No.
3. Address and Telephone No.	30-025-27442
P.O. Box 1933, Roswell, N.M. 88202; 505/623-6601	10. Field and Pool, or Exploratory Area ,
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)	Querecho Plains Lower BS
Unit K; Sec. 28, T18S, R32E 1980' FSL & 1980' FWL	11. County or Parish, State
	Lea, N.M.
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, R	

	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
		(Note: Report results of multiple completion on Well
1		Completion of Recompletion Report and Los form 1

Abandonment

TYPE OF ACTION

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

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

TYPE OF SUBMISSION

X Notice of Intent

Above approved by Shannon Shaw 4/13/93



14. I hereby certify that the foreguing is true and correct		
14. I hereby certify that the foregoing is true and correct Signed	Title Engineer	Date 4/14/93
(This space for Federal or State office use) Approved by 10000 1000 to page 1000 1000 1000 1000 1000 1000 1000 10	Title	Date 4/23/93
Approved by Conditions of approval of any See attached		

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

IMMEDIA, INCASSOR OF

WELL HISTORY SUMMARY SHEET BY TIM W GUM

SPUD DATE: 6/1/81 OPERATOR: HARVEY E. YATES COMPANY COMP DATE: WELL NAME: SCOTT E FEDERAL NO. 1 13100 LEASE # NM-24162 TD LOCATION: PBTD: K-1980'FS&WL 8965 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 SXS CMT 400 SXS TOC CIRC. 410 OIT SIZE PROCEDURE INTERMEDIATE WT & GRD 1. P&A PER ATTACHED. 8 5/8" 28# S80 DEPTH 4164 SXS CMT 1700 TOC CIRC. 4164 BIT SIZE TOC 7900' 8757" ANCHOR X PERFS 8790-8800 PRODUCTION: TUBING: WT & GRD 5 1/2" 17#, K-55,N-80 SIZE: 2 7/8" N-80 DEPTH 9000' DEPTH: 8913' SN PBID 8985' SXS CMT 225 PKN/ANCHOR: 8757 ANCHOR TOC 7900 BY T\$ OIT SIZE 7 7/8" DV TOOL @

TD-13,100°

33. 3

MARKER JOINT

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

00. 00 100-10 teteroto		T	
DISTRIBUTION			
SAMTA FE			
PILE			
V.1.0.A.			
LAND OFFICE			
TRANSPORTER	016		
	GAG		
OPERATOR			
PROBATION OFFICE			

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

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

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS				
Operator				
Harvey E. Yates Co.	•			
Address				
P.O. Box 1933, Roswell, New Mexico 8820	01			
Reason(s) for filing (Check proper box)	Other (Please explain)			
New Well Change In Transporter of:	·			
	effective November 1, 1987			
Change in Ownership Castnehead Gas C	ondensate			
If change of ownership give name				
and address of previous owner				
T DESCRIPTION OF WELL AND LEACH	•			
II. DESCRIPTION OF WELL AND LEASE [Lease Name Well No. Pool Name, Including F	ormation Kind of Lease Lease No. 1			
Scott "E" Federal #1 Quercho Plair	Lower B.Sp. State. Federal or Fee Federal NM-24162			
Location				
Unit Letter K : 1980 Feet From The South Life	ne and 1980 Feet From The West			
Out Collection				
Line of Section 28 Township 185 Range	32E . NMPM. Lea County			
	·			
III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL	L GAS			
Name of Authorized Transporter of OII or Condensate	Addiosa (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 Casinghead Gas C or Dry Gas				
Phillips 66 Natural Gas Co.	4001 Penbrook, Odessa, Texas 79761			
If well produces all or liquids, Unit Sec. Twp. Rgs.	is gas actually connected? When			
give location of lanks. K 28 185 32E	Yes 3/30/82			
If this production is commingled with that from any other lease or pool,	give commingling order numbers .			
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	APPROVED 007 2 (1987			
been complied with and that the information given is true and complete to the best of	001 9 (130)			
my knowledge and belief.	BY ORIGINAL SIGNED BY JERRY SEXTON			
	TITLE DISTRICT I SUPERVISOR			
1 1: 3				
This form is to be filed in compliance with RULE 1984. If this is a request for allowable for a newly drilled or de-				
(Signature) Well, this form must be accompanied by a tabulation of the deviate tests taken on the well in accordance with RULE 111.				
All sections of this form must be filled out complete able on new and recompleted wells.				
(Date)	Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter or other such change of condition.			

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

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

	11440	Т	
DISTRIBUT!	DM -		
SARTA FE			
FILE			
U.1.G.1.			
LAND DFFICE			
TRANSPORTER	DIL		
	DAS		
OPERATOR			
PROBATION OF	1CE		

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

Form C-104 Revised 10-01-78 Format 06-01-63 Page 1

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

	LOPERATOR I	R ALLOWABLE ND .
-	I DECRATION OFFICE	PORT OIL AND NATURAL GAS
	Operator HARVEY E MATES CO	
	P.O. BOX 1933 KOSWELL NMI	88201
		Other (Please explain) By Gas OWNWhy Change LyllChille and ansate October 1, 1987
	If change of ownership give name Church USA Jingand side of previous owner Church USA Jingand Singan Church Church Control of the change of ownership give name Church Chu	POBON 670 NOLLLS nm 18240
	II. DESCRIPTION OF WELL AND LEASE	
_	Ditt E Fld Well No. Pool Name, including F Owner Than	
	Unit Letter K; 1980 Feet From The Bouth Lie	ne and 1980 Feet From The Wilst
	Line of Section 28 Township 185 Range	32E, NMPM, Sea County
	Name of Authorized Transporter of Oil Or Condensate Of Oil Or Condensate Of Oil Or Condensate Of Oil Or Condensate Of Oil Or Condensate Of Oil Or Oil Or Oil Oil Or Oil Oil Oil Oil Oil Oil Oil Oil Oil Oil	Address (Give address to which approved copy of this form is to be sent) P. D. Sh. 3/19 MACANA SK 7970/ Address (Give address to which approved copy of this form is to be sent) HDD/ HAMMAK (CALIM-14 7976/ Is gas actually connected? When 3-30-12
	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.	н :
	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.	BYEddie W. Seay
		TITLE Oil & Gas Inspector
	(Signature)	This form is to be filed in compliance with MULE 1104. If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with MULE 111.
-	(Title)	All sections of this form must be filled out completely for allowable on new and recompleted wells.
	(Date)	Fill out only Sections I. II. III. and VI for changes of owner, well name or number, or transporter or other such change of condition.

Designate Type of Complete	on - (X)	Oll Mail	Gas Well	New Well	Workover	Deepen	Plug Back	Same Resty.	Diff. Resty
Date Spudded	Date Compl	. Ready to F	Prod.	Total Depti	<u> </u>	_i	P.B.T.D.	<u>: </u>	i
Elevations (DF, RKB, RT, GR, etc.)	Name of Pro	oducing For	nation	Top Oil/Go	s Pay		Tubing Dep	th	
Periorations	. 			_1			Depth Casis	ng Shoe	
	 _	TUBING,	CASING, AN	D CEMENTI	NG RECOR	D	<u> </u>		
HOLE SIZE	CASI	NG & TUBI	NG SIZE		DEPTH SE	т	S	CKS CEMEN	17
				 			 	····	
V. TEST DATA AND REQUEST	FOR ALLO	WABLE (Test must be a able for this d	after recovery epth or be for	of total volu full 24 hours	ne of load at	and muss be e	qual to or exc	ed top allow
Date First New Oil Run To Tanks	Date of Tea) E		Producing i	Method (Flow	, pump, gas i	ift, etc.)		
Length of Test	Tubing Pres	18W0		Casing Pre	ssure	•	Choke Size		
Actual Prod. During Test	Oll-Bbls.	 		Water-Bale	•		Gas-MCF		· · · · · · · · · · · · · · · · · · ·
GAS WELL	<u></u>			- 					
Actual Prod. Test-MCF/D	Length of T	'oet		Bbls. Cond	ensate/MMCF	,	Gravity of t	Condenagle	
Testing Method (pitos, back pr.)	Tubing Pres	ewe (Shut	-in)	Casing Pres	ewo (Sbat-	·im)	Choke Size	·····	
	<u> </u>			j			1		



IV. COMPLETION DATA

(November 1983)	UNITED STATES	SUBMIT IN TRIPLICATE TO THE PROPERTY OF THE PR	Budget Bureau No. 1004-0135 Expires August 31, 1985 5. Lears Designation and Serial No.
,	U OF LAND MANAGE		NM 24162
	1101	THE RESERVE WAS A STREET OF THE PERSON OF TH	6. IF INDIAN, ALLOTTER OR TRIBE NAME
SUNDRY NOT	ICES AND REPORT	plug back to a different reservoir.	
	TION FOR PERMIT—" for	plug back to a different reservoir, such proposals.)	
I. OIL GAR []			7. UNIT AGRESMENT NAME
WELL X WELL OTHER			S. PARM OR LEASE NAME
			Scott 'E' Federal
Chevron U.S.A. Inc.			9. WELL NO.
P. O. Box 670, Hobbs,	NM 88240		1
4. LOCATION OF WELL (Report location of See also space 17 below.) At surface	learly and in accordance wit	h any State requirements.*	Querecho Plain Lower Bone Spring
			11. SEC. T. R. M. OR BLK. AND SURVEY OR AREA
1980' FSL & 1980' FWL			Sec. 28, T18S, R32E
14. PERMIT NO.	18, SLEVATIONS (Show when		12. COUPTY OR PARISH 13. STATE
14. PERMIT NO.	1	710° GL	1_
			ILea NM
16. Check Ap	propriate Box To Indica	ate Nature of Notice, Report, or	Other Data
NOTICE OF INTEN	TION TO:	80841	QUINT EBPORT OF:
TEST WATER SHUT-OFF	PCLL OR ALTER CASING	WATER SEUT-OFF	DEPAIRING WELL
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CASING
SHOOT OR ACIDIZE	ABANDON*	SECOTING OR ACIDIZING	TETHDONMENT.
	CHANGE PLANS	(Other)	its of multiple completion on Well
(Other)	X	Completion or Recor	apletion Report and Log form.) es. including estimated date of starting any
nent to this work.) *		al Comm to the Scott 'E	' Federal. This is a one
well lease. The commu	unization Agreeme	nt dated 5/13/81 coveri	ng the Morrow and Atoka
formation is not appli	icable since the	well was completed in t	he Bone Springs formation.
The Com Unit expired	5/14/83, the end	of its primary term.	
		11-11-11-1	
ACCEPTE	ED FOR RECORD		
	21, 5)		
	Spec CX	· · · · · · · · · · · · · · · · · · ·	
JU	N 3 0 1985		
CARLSBA	D, NEW MEXICO		
			•
18. I hereby certify that the foregoing is	true and correct		
SIGNED THE CASE	TITLE	Division Proration Engi	ineer 6/18/86
(This space for Federal or State office	ce neet		
or prove om			
APPROVED BY	TITLE		DATE

-OIL CONSERVATION DIVISION

Revised 10-1-76

P. O. BOX 2088 STATE OF NEW MEXICO Form C-102 ENERGY AND MINERALS DEPARTMENT SANTA FE, NEW MEXICO 87501 All distances must be from the outer boundaries of the Section. Well No. 1.4034 Overalat Scott 'E' Federal Chevron U.S.A. Inc. Section Township Range Unit Letter 28 18S Lea Actual Footage Location of Well: 1980 South 1980 West line and ' feet from the feet from the Ground Level Elev. Producing Formation Dedicated Acreeges 3710 Bone Springs Querecho Plain Lower Bone Spring 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling. etc? Yes If answer is "yes," type of consolidation _ If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)_ No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division. CERTIFICATION I hereby certify that the Information comtained herein is true and complete to the best of my knowledge and belief. Division Proration ENGINEER. Company Chevron U.S.A. Inc. Date 6/18/86 I hereby certify that the well location shown on this plat was platted from field 1980 notes of actual surveys made by me ar under my supervision, and that the same Is true and correct to the best of my knowledge and beli.!. Date Surveyed Registered Professional Engineer and/or Land Surveyor

2000

1 500

1000

800

Certificate No.

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

44. 65 C\$544 6 45 E	****		
DISTRIBUTE	DW		
BANTA PE			
PILE			
U.S.O.A.			
LANG OFFICE			
TRANSPORTER	QIL		
	944		
OPERATOR			
PRORATION OF	1CE	1	

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 AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

PRORATION OFFICE	AUTHORIZA		PORT OIL AND NATU	RAL GAS		
<u>I </u>		· · · · · · · · · · · · · · · · · · ·				
Operator						
Chevron U. S. A. Inc.	·					
Address			•			
P. 0. 670, Hobbs, New	Mexico 8	8240				
Reason(s) for filing (Check proper box)			Other (Picase	explain)		
New Well	Change in Tra	naporter of:	Chan	نصدره لأروه	man est	2
Recompletion	OII		ry Gas	ge leave	+ - h	+11. 30h
Change in Ownership	Casinghe	a Cos	ondensate SCALLE	E Sau C	070 pc 30	sell E del
	_=					
If change of ownership give name Gul	f Oil Corp	., P.O. Box	670, Hobbs, NM	8824Ö		
The socials of pravious awiter						· · · · · · · · · · · · · · · · · · ·
II. DESCRIPTION OF WELL AND L	EASE		•			
Lease Name		Name, Including F		Kind of Lease		Lease No.
Scott "E" Fed	1 , 1	Querecho P Lower Bone		State, Federal or I	Federal	NM24162
Location	<u> </u>	DOWEL DOTTE	DELLIE			-1222120
К 1980		South L	1980		West	
Unit Letter 1900	_ Feet From Th	- BOUCH EN	1900	_ Feet From The _	West	
Line of Section 28 Townshi	ıp 18S	Range	32E , NMPM		Lea	County
				·		
III. DESIGNATION OF TRANSPOR	TER OF OU	AND NATTIRAL	r GAS			•
Name of Authorized Transporter of Ott 2	or Cander		Asiazons (Give address i	o which approved c	apy of this form is	to be sent)
Permian Corporation			Box 3119, Mid.	land TX 797	01	•
Name of Authorized Transporter of Casingh	edd Gas 😨	or Dry Gas	Address (Give address			to be sentj .
Phillips 66 Natural Gas C	_	_	4001 Penbrook	Odogog TV	70761	
· He		'Twp. 'Rge.	I is gas detually connecte			
If well produces oil or liquids,				3/30	100	•
dive teenton or tents.	K : 28	18S 32E	Yes	, 3/30	/ 02	
If this production is commingled with th	at from any atl	her lesse or pool,	give commungling order	unuper:		
NOTE: Complete Parts IV and V on	. zanama cida	E was needed				
NOIE: Complete Falls IV and V on	reverse side i		"			
VI. CERTIFICATE OF COMPLIANCE	:		OIL C	ONSERVATION	1 DIVISION	
VI. CERTIFICATE OF COMMENTATION	•			C. MARILLO	1488	
I hereby certify that the rules and regulations of			APPROVED	JULAC	1000	, 19
been complied with and that the information give	ren is true and cor	mplete to the best of	11	•		
my knowledge and belief.			BYORIGI	NAL SIGNED BY		
		•	TITLE	DISTRICT I SUP	ervisor	
		•	'''LE			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Mullesin	·	i	This form is to	be filled in comp	liance with RUL	E 1104.
			If this is a requ	est for allowable	for a newly drill	led or deepened
(Signature)			well, this form must	be accompanied	by a tabulation of	of the deviation
Division Proration Engine	er		1)			
(Title)			All sections of	this form must be completed wells.	: Iffed out cambr	atath int silon
7/24/86				ections I. II. III.	and VI for the	nees at owner.
/O/			wall as as as a such a			

Designate Type of Completi	on - (X) Gas Weil	New Well Workover Deepen	Plug Back Same Res'v. Diff. Res'
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
Elevations (DF. RKB. RT. GR. etc.,	Name of Producing Formation	Top Cil/Gas Pay	Tubing Depth (
Personationa		o. politic ric	Depth Casting Shae
	TUBING, CASING, A	ND CEMENTING RECORD	
HOLE SIZE	CASING & TUBING SIZE -	OEPTH SET	SACKS CEMENT
		•	
V. TEST DATA AND REQUEST	FOR ALLOWABLE (Test must be able for this	after recovery of total volume of load a depth or be for full 24 hours)	il and must be equal to or exceed top allo
Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas	lift, etc.j
Length of Test	Tuning Pressure	Casing Pressure	Chore Size
Actual Prod. During Test	Oil - Bhia.	Water - Bbis.	Gde-MCF
i c wert	<u> </u>		
AS WELL Actual Prod. Tool-MCF/D	Length of Test	Bble. Condensate/MMCF	Gravity of Condensate
, , , , , , , , , , , , , , , , , , , ,			
Testing Method (putat, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size
			I I

IV. COMPLETION DATA

PECETYED

JUL 25 1986

OLC.D. HOBBS FACTOR

(November 1983) (Formerly 9-331)	DEPARTMENT OF THE INTI	FRIOR verse side)	
(1 01mc11) 9-331)	BUREAU OF LAND MANAGEM		NM 24162
SUN (Do not use this	DRY NOTICES AND REPORT form for proposals to drill or to deepen or pi use "APPLICATION FOR PERMIT—" for an	S ON WELLS 88240	6. IF LEDIAL, ALLOTTES OR TRIBE HANG
i.			7. GERT AGREEMENT HAND
WELL WELL	OTHER		- 1900 - 1900
2. HAMB OF OPERATOR			Scott "E" Federal Comm
Chevron U.S.			9. WILL BO.
•• •••			1
4. LOCATION OF WELL (R), Hobbs, NM 88240 eport location clearly and in accordance with	any State requirements."	10. FIELD AND POOL, OR WILDCAT
See also space 17 belo At surface	₩.}		Duerecho Plain Lower Bone Springs
	•		II. BEC., T., R., M., OR BLK. AND SCRYST OR ARMA
			C - 20 T10C D22E
1980' FSL &	1980' FWL		Sec 28 T18S R32E
14. FERNIT NO.	16. BLEVATIONS (Show wheth	er ov. er, ox. etc.)	Lea NM
	3710 GL		
16.	Check Appropriate Box To Indicat	e Nature of Notice, Report, o	r Other Data
×	OTICE OF INTENTION TO:	8004	DESCRIPTION OF STREET
TEST WATER SEUT-OF	PCLL OR ALTER CASING	WATER SECT-OFF	ESPATRING WHELE X
PRACTURE TREAT	MULTIPLE COMPLETS	FRACTURE TREATMENT	ALTERING CAMING
BROOT OR ACIDIZE	ABANDON*	SECOTING OR ACIDISING	TPT NOON M CHILD
REPAIR WELL	CHANGE PLANS	(Other) (Note: Report rest	nits of multiple completion on Well
(Other)	COMPLETED OPERATIONS (Clearly state all pert		impletion Beport and Log form.)
	259'. Tested casing to 100 eaks were found. Returned		with no leak off.
			
•			
			-
	ACCEPTED FOR RECORD	·	
	Hu &		
			
•	DEC 19 1985	·	
	· · ·		
	CARLSBAD, NEV. MIXICO)	
			-
	•		•
3. I hereby certify that t	be foregoing is true and correct		
SIGNED THE	+ Bulle to "TITLE DI	ivision Drilling Manag	per 12-16-1985
(This space for Federa	l or State offer per		
	effects essel		
APPROVED BY	ROVAL, IF ANY:		DATE

•	W. Die malie g	
November 1983) Formerly 9-331)	DEPARTM_ IT OF THE INTERIOR	Expires August 31, 1985 ber lestructh as re 6, LEASE DESIGNATION AND SERLAG NO.
	BUREAU OF LAND MANAGEMENT	NM 24162
CIIN	IDRY NOTICES AND REPORTS ON WE	LLS
(Do not use this	form for proposals to drill or to deepen or plug back to a d Use "APPLICATION FOR PERMIT—" for each proposals.)	Marent reservely.
		7. GRIT MARRINER MAKE
MELT WELT	OTERS	·
HAME OF OPERATOR		Scott "E" Fedral Com
Chevron U.S.		9. WELL DO.
	0, Hobbs, NM 88240	1
LOCATION OF WELL (Report location clearly and in accordance with any State requ	irements.* 10. Fists and Foot, of without Querecho Plain Lower
At surface	·	Bone Springs
	·	DETAIL SO TEVADO
1980' FSL	& 1980' FWL	Sec 28 T18S R32E
. PERMIT NO.	16. SLEVATIONS (Show whether DF, ET, CE, etc. 3710 GL	12. COUNTY OR PAGEON 12. STATE Lea NM
	3710 GL	Lea NM
	Check Appropriate Box To Indicate Nature of	Notice, Report, or Other Data
1	NOTICE OF INTENTION TO:	SUBSEQUENT SERVED OF:
TEST WATER SHUT-O	PCLL OR ALTER CABING WA	TER SHUT-OFF SEPARATION WELL
PRACTURE TREAT		CTURE TERATMENT ALTERING CARING
REPAIR WELL		OOTING OR ACIDIZING ABANDONMENT
(Other)	[] [[[[[[[[[[[[[[[[[[(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
Propose to	find casing leak and cement a	s necessary to repair it.
Also, plan	to acidize well with 2000 gal	lons 15% NEFE HCL.
		•
		f_{ij}
		• \$3
		
hereby certify that	the foregoing is true and correct	
SIGNED 2. N.	duley y. TITE Division	Drilling Manager 11-19-1985
(This space for Feder	,	
APPROVED BY	TITLE	DATE 11:72.85
CONDITIONS OF AP	PROVAL, IF ANT:	

A Business Missing

DIL CONSERVATION DIVISIC P. O. BOX 2088

*N.E	SANTA PE, NE	W MUXICO 87501			
LAND DEFRE					
TRANSPORTER OIL	_	OR ALLOWABLE			
OPERATOR DEFICE	AUTHORIZATION TO TRANS		RAL GAS		
Cserator					
Gulf Oil Corporat	ion				
P. O. Box 670, Ho	bbs, NM 88240	Other (Pleas	e explain)	· · · · · · · · · · · · · · · · · · ·	- *
New Well	Change in Trunsporter of:				
Recompletion	OII Dry G	F== 1			
Change in Ownership	Cosingneod Cds [A] Conde	eneate [
If change of ownership give name and address of previous owner					
DESCRIPTION OF WELL AND	LEASE. Well No. Pool Name, Including I	Formation	Kind of Lease		The same No.
Scott "E" Fed Com	Ouerecho Plai	.n	1	or Fee Federal	NM-24162
Location					
Unit Letter K : 19)80 Feel From The South Li	ne and1980	Feet From 1	The West	
Line of Section 28 To	wnship 18S Range	32E , NMPN	. Lea		County
DESIGNATION OF TRANSPOR	TER OF OIL AND NATURAL GA				
Permian Corporati		Address (Give address			io de senij
Name of Authorized Transporter of Ca	singhead Gas Or Dry Gas	Rox 3119 Mi	dland, TX	79701 red copy of this form is	to be sens)
Phillips Petroleu		Phillips Bld	g., Odess		
If well produces oil or liquids, give location of tanks.	Unii Sec. Twp. Rge.	Is gas actually connect	ed? Whe		
	th that from any other lease or pool,	Yes give commingling order	number:	3-30-82	
Designate Tree of Complete	Oil Well Gas Well	New Well Workover	Deepen	Plug Back Same He	s'v. Dill. Res'v.
Designate Type of Completion Date Spudded	Date Compl. Ready to Prod.	Total Depth		P.B.T.D.	<u> </u>
Elevations (DF, RKB, RT, GR, etc.)	"ame of Producing Formation	Top Oil/Gas Pay		Tubing Depth	
Perforations				Depth Casing Shoe	, , , , , , , , , , , , , , , , , , , ,
	TUBING, CASING, AND	D CEMENTING RECOR	D		
HOLE SIZE	CASING & TUBING SIZE	DEPTH SE	T	SACKS CE	MENT
					
FEST DATA AND REQUEST FO	OR ALLOWARIE (Test mut he a	the recovery of rotal value	ne of load all a	I ad must be sound to on	
OIL WELL	able for this de	onth or be for full 24 hours	<u> </u>		excess top anow
Date First New Oil Hun To Tonks	Date of Test	Producing Method (Flow	, pump, gas lift	. *(c.)	
Length of Teet	Tubing Pressure	Casing Pressure		Chore Size	
Actual Pred, During Test	Oil-Bbla.	Water - Bbis.		Gas-MCF	
	L	<u> </u>		<u> </u>	
FAS WELL Actual Frod. Tool-MCF/D	Length of Teet	Bbis, Condensate/AtMCF	•	Gravity of Condensate	
lesting Method (pitot, back pr.)	Tubing Pressure (shut-is)	Cosing Pressure (Shut-			
, , , , , , , , , , , , , , , , , , ,	. comy rissans (sade-is)	Caeing Prassure (Shee-	, and	Chose Size	
ERTIFICATE OF COMPLIANC	E	l l ·	_	ON DIVISION	
hereby certify that the rules and re	rgulations of the Oil Conservation		APR 13		19
ivision have been complied with love is irus and complete to the	and that the information given best of my knowledge and belist.	DYORIG	INAL SIGNE	D BY	
			RRY SEXTO		
000:		1] '		ompliance with MULI	£ 3104.
K. J. J. J.		II .	est for allowe	ble for a newly drill	ed or despensel
(Siano Area Engineer	- 7· · · · · · · · · · · · · · · · · · ·	tests taken on the w	sil in second	ance with AULE 111	١.
(1st		All sections of able on new and rec	ompleted well	t be filled out compli le,	itely for allow-
4-6-82		Fill out only 3 well name or number.	ections I, II, or transports	III, and VI for charge or other such Chang	read towner, to of condition.
(Dail		1		be filed for each p	
	•	********			

(Mey. 0-pa)		UNIT D	STA	16.5	aumma	1 7.43	(See a			Buc	dget H	ureau No. 42-R355.5.
	DEPART	MEN. OF	THI	E IN	TERIOF	?	struct		5. T.E.	ASE DESIG	GNATE	ON AND SERIAL NO.
		SEOLOGICA	L SU	RVEY			16700	C		N	M-2/	4162
									6. IF			THE OR TRIBE NAME
WELL CO	MPLETION	OR RECON	apleti	I MOI	REPORT .	AN	o ros	3 ³⁸				
18. TYPE OF WEL	L: OIL	S WELL	7	RY []	Other				7. UN	IT AGREE	MENT	NAME
b. TYPE OF COMI	PLETION:		ים ב	سين سيخ		30	75/5/20	n n				
NEW X	WORK DEED	P- PLEG BACK	DIFF	$\Box \cap J[$		غراز	WE		S. FA	RM OR LF	ASE I	HAME
2. NAME OF CPERAT	VIEW 12.1	LJ BACK L		· · · · · · ·					Sco	et "E	n F	ederal Com
Gulf Oil Co				{	SEP	21	1001			LL NO.		
3. ADDRESS OF OPER	<u>-</u>		<u> </u>		N. JLI	N'I	1001 4				7	
		NN/ 002/	^	<u> </u>	ΔI	L & G	: 45		1Q. F	ELD AND	POOT.	ains Lower
P. O. Box	D/U, HODDS L. (Report locatio	NM 8824 n clearly and in a	<u>Coordance</u>	with an	u State Securit	Q GIN	AL SURV	<u> </u>	Que			ains Lower prings
At surface	•	SL & 1980'			ROSWELL	, NEI	N WEXIC	3	11. s	EC., T., R.,	. <u>31., 0</u>	H BLOCK AND SURVEY
			rwi	11.	-(5.00)				٥	R ARBA		
At top prou. int	erval reported bet	.0W		, · •	3 : ::							
At total depth				Ĭi.,		٠	୍ଦ 8 82	40	Sec	28-T	188	-R32E
			14. PE	EMIT NO.		DATE	ISSUED		12. C	OUNTY OR		13. STATE
					ļ					-ea		NM
15. DATE SPUDDED	16. DATE T.D. E.	EACHED 17. DATE	COMPL.	(Ready t	o prod.) 18	. ELEV	ATIONS (D	f, RKB, I			19. E	LEV. CASINGHEAD
5-31-81	7-13-	-81	8-4-	-81	1		3710	' GL		1		
20. TOTAL DEPTH. MD		, BACK T.D., MD &			TIPLE COMPL.	,	23. INTE	RVALS	ROTA	RY TOOLS	;	CABLE TOOLS
13,100'		8965'	1		ingle		DRIL	LED BY	۰ 10	-13,10	01	
24. PRODUCING INTER	VAL(S), OF THIS	COMPLETION-TOP,	вогтом,	NAME (MD AND TVD)*					. <u></u>		WAS DIRECTIONAL SURVEY MADE
												SCRIEF MADA
8790'-8800	•	Bone Sp	rings	:								No
26. TIPE ELECTRIC A	ND OTHER LOGS E	RUN				~	,			2	7. W.	AS WELL CORED
CNL-FD	C-GR; DLL-1	RXO, RFT								}	•	No
28.		CASI:	NG RECO	RD (Rep	ort all strings	s set f	n well)					
CASINO SIZE	WEIGHT, LB./	Fr. DEPTH SE	r (MD)	но	LE SIZE		CEM	ENTING	RECORD			AMOUNT PULLED
11-3/4"	42#	4	16'		14-3/4"		400	sx -	ciro	<u> </u>	[
8-5/8"	<u> </u>	4,1	581		11"		1700	sx -	circ	·		
51/211	1 7#		00'	<u> </u>	7-7/8"	ļ	225	sx -	TST	C 790	101	
	<u> </u>											
29.		LINER RECORD					30.	7	UBING	RECOR	tD :	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CE	*MENT	SCREEN (M.	D)	SIZE			SET (MD))	PACKER SET (MD)
					Ì		2-7/8	3''	892	35 '		
					<u> </u>							
31. PERFORATION REC	CORD (Interval, #12	re ana numoer)			32.	AC	ID. SHOT.	FRACT	URE, C	EMENT	SQUE	EEZE, ETC.
89001-8790	1 w/(2) 11	JHPF (20 h	olesi		DEPTH INC	ERVAI	(an)				OF M	ATERIAL CSED
0,00 0,70	W/(-) 2	(-0	,		8900	<u>-879</u>	00'	_3 b	bls :	20% N	VEFE)
												
				•								
33.*				DUC	DUCTION							
DATE FIRST PRODUCT	ION PRODU	CTION METHOD (F	lov 27. 0			and to	upe of our		 ;	WELL S.	T METERS	(Producing or
	1			p		 • ;	yer of Imm	~/	ļ	shut-	in) ·	
8-4-81 DATE OF TEST	HOURS TESTED	Pump	T Edition	N. FOR	OUBBL.		678710	F	TT 1 201	GB31		oducing
9-5-81	24		Thist	regios	197		9.5			88	'	482
FLOW. TUBING PRESS.	CASING PRESSUE	W.O.	011		GAS	MCF.	1 7-	WATER-	BPL.		11. 60	AVIEX-ALD (COURT)
19#	25#	21-HOUR BANK	: }	97	1	95	1		88	"		36.9 ⁰
34. DISPOSITION OF G		1	_1			ر. بر				WITNESS		
Flared	•			1	The state of the s		·			2 7-		
35, LIST OF ATTACH	MENTS			- [<u> </u>	Ch'T	FCORD	7-	<u> </u>	·		

ROUGH A CHAPMAN

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

SIGNED

Area Engineer

DATE

DATE __

*(See Instructions and Spread po

SIVENEED Side)

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal analyor State laws and regulations. Any necessary special instructions concerning the use of this form and the number of expies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal analysis of items 22 and 24, and 33, below regarding separate reports for separate completions. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. If not find prior to the thie this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments

should be listed on this form, see iten 35. Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State

Hera 12: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. From 12: Indicate which elevation is used as reference (region of the production of the production of the production), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in tern 33. Submit a separate report (page) on this form, adequately identified, showing the additional data pertinent to such interval.

Sadditional interval to be exparately produced, showing this well should show the details of any multiple stage cementing and the location of the cementing tool.

Hen 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 24 and 24 above.) or Pederal office for specific instructions.

SHOW ALL IMPORTANT ZONES ON THE STREET CONTROLL OF THE STREET CONTRO	THEOREM, CUSHION	HOSITY AND CONTENT USED, TIME TOOL O	THE ALL TRACTORY FORES OF PORDSTIY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILLETEM TESTS, INCLUDING AND INTERVAL TESTED, CUSHION USED, TIME TOOL OVEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES	38. GEOLOG	GEOLOGIC MARKERS	
VORMATION	202	BOTTON	DESCRIPTION, CONTENTS, ETC.	5 7 7	TOP	
	1001	0 0	7 7-610/ F min 5 10/ F min 7 66 7-66 7	7 10 10	MEAS, DEPTH	TRUE YEAT, DEPTH
Morrow	12,702	C79 '7 7	1 hr ISI 1154, 1.3 hr FF 439.6-439.6, 2 hr FSI 1141, rcvd 135' drlg flu, GTS	Delaware Bone Spring	5,203	
_	•		26 min, volume TSTM	Wolfcamp Strawn	10,288 11,536	
Bone Spring	8,7401	3,846		Atoka	12,942	
		**************************************	101-013, 4 Hr fr 101-013, 4 Hrs For 3516, GTS 52 min, revé 4 bbls gas, oil & wtr	Barnett	12,969	
Bone Spring	7,190	7,275	IHP 3548, FHP 3548, 5 min IF 58-62,			
				Os Los Circ	6000 0000 0000	

U.S. GOVERNMENT PRINTING OFFICE: 1963—O-683636

Form 9-331 (May 1963)	DEPAR	UNITED STAT TMENT OF THE		SUBMIT IN TRIPI (Other instructions verse side)			roved. ureau No. 42-RJ421. ION AND SERIAL NO.
		GEOLOGICAL S	URVEY			NM-24	
(Do no		OTICES AND RE		N WELLS ck to a different reservoi posals.)	lr.	6. IF INDIAN, ALLO	TTEE OR TRIBE NAME
OIL X	GAS OTHER	· ————————————————————————————————————		The Court of the C	iud	7. UNIT AGREEMENT	в или в
2. NAME OF OR	PERATOR		1			8. FARM OR LEASE	NAME .
Gulf Oi	il Corporation		1403		88240	Scott "E	" Fed Com
3. ADDRESS OF						9. WELL NO.	
	Box 670, Hobbs		·				1
4. LOCATION OF See also sp. At surface	ace 17 below.)	n clearly and in accorda	nce with aug S	tate requirements.*		Querecho Pl Bone	
	1980' FS	L & 1980' FWL				11. SEC., T., R., M., BURVEY OR A	ob blk, and rea
			-		- 1		
-				مينيستان مياني ويود المداوات والدار والدائد فاستنبته أساده فالمتادي		Sec 28-T18	
14. PERMIT NO.	•	15. ELEVATIONS (Sh	ow whether br, i	KT, GR. etc.)		12. COUNTY OF PAI	NSH 13, STATE
		3710	GL	-		Lea	NM
16.	Check .	Appropriate Box To	Indicate No	iture of Notice, Repo	ort, or OI	ther Data	
	NOTICE OF IN		. 1		-	INT REPORT OF:	
ACENCIM ESTAM	ER SHUT-OFF	PULL OR ALTER CASIN		Times Surroach		D 27 D 4 V D 1	VA WELL
FRACTURE	 	MULTIPLE COMPLETE	۲ <u> </u> ا	WATER SHUT-OFF FRACTURE TREATME	NT		G CASING
SHOOT OR	<u> </u>	ARANDON*		SHOOTING OR ACIDI]]	ABANDON	
REPAIR WE	ELL	CHANGE PLANS		(Other) Perfe	d, Aczo	l, Set PE	X
(Other)	***************************************			(Norg: Report Completion of	rt results o	f multiple complet tion Report and Log	ion on Well
JHPF (2 MA, SN	20 holes). Sp , 2-7/8" tubin	ot 20% NEFE, I	ISIP 2000 is; SN at	cellar. Perf 8 , vac 5 min. 89001, thg at and installing	Set Aja 8935'.	ex PU, RIH Hung well	with on.
		÷,	_				
					•		
	•			•	•		•
	•					•	
•							
· ·					•	DEGS	2007 E]]
					•	EDD "	- 1301 <u>(U</u>
ſ						U.S. GEOLO	& GAS GICAL SURVEY NEW MEXICO
	ACCEPTED FOR A ROGER A. CHA	PMAN					
18. I hereby ke	SEP 2 47	19 true and cor, sec	TTE	Area Engineer		_ DATE)23 - 81
(This apple	e Cor Federal or State	office use)		ייר או מילול או בייל או בייל או אילול או אילול או אילול או או אילול או אילול או אילול או אילול או אילול אילול יירים או אילול או או אילול או אילול או אילול או אילול או אילול או אילול או אילול או אילול או אילול או אילול א			
APPROVE		SURVEY	TITLE			DATE	
COMPUTION	HO OF ALTHOUGH	THE !					

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DESTRUMENTON DESTRUMENTS OF STREET

8-5-81 (1),(12)

Т чатыжко он, соны вултон сомыс≪й. REQUEST FOR ALLOWABLE **CHA**

Committee of the second

Ruo C-103 Supersedge Old C-104 and C-116 Ultrellyn 1-1-65

.b.G.5.	L AUTHORIZATION TO TR	ARSPORT OIL AND H	ATURAL GAS				
AND OFFICE	·	CASUNGHEAD GAS MUST NOT BE					
INANSPORTER GAS		FEARED AFTER 1014/8/					
OPERATOR	UNLESS AN EXCEPTION TO RAFF						
PROBATION OFFICE		18 OBTAINED from U. J. D.S.					
Civil f Oil Company	t-1 am		ű				
Gulf Oil Corporat	-100	**					
P. O. Box 670, He	obbs, NM 88240	·					
Ecason(s) for liling (Check proper box	,	Other (Please	explain)				
;iew We!! [X]	Change in Transporter of:						
Recompletion Change in Ownership	Off Dry Go	775 1	New Well				
	Coane	naote []					
I change of ownership give name and address of previous owner	THIS WELL HAS BEE	EN PLACED IN THE POOL					
	DESTANCED BECOME	I IF YOU DO MOT COME	n k	•			
DESCRIPTION OF WELL AND Lease Name	LEASE	(11-1-	(81) Kind of Lease		i,eane No.		
Scott "E" Fed Cor	Well No. Pool Pinne, Including F Querecho Pla	in R-6810	State, Federal or I	Fee N	M-24162		
Location D Fed Col	1 Lower Bone S	berna		Federal N	11-24102		
Unit Letter K ; 198	BO Feel From The South Lin	no and 1980	Feet From The	West			
••	***						
Line of Section 28 To	waship 18S Range	32E , NMPM,	Lea		County		
ንድዩነርላልጥነውን <u>በ</u> ድ ጥልላዩምበዊ	TER OF OIL AND NATURAL GA	S					
Name of Authorized Transporter of Oil		Address (Give address to	which approved c	opy of this form is to be	sent)		
Permian Corporati		Box 3119.	Midland, TX	79701			
Name of Authorized Transporter of Car	singhead Gas Cor Dry Gas Co	Address (Give address to	which approved c	copy of this form is to be	sent)		
	Unit Soc. Twp. Pgc.	Is gas actually connected	? When				
If well produces oil or liquids, give location of tanks.	K 28 18S 32E	No					
f this production is commingled will	th that from any other lease or pool,		number:				
COMPLETION DATA							
Designate Type of Completic	on - (X) Oil Well Gas Well	New Well Workover	Deepen Plu	ug Back Emne Resty,	Carl. Res'v		
Date Sanded	Date Compl. Rendy to Pred.	XX Tetal Depth	i	в.т.р.			
5-31-81	8-4-81	13,100'		8965			
Elevations (Dr., RKB, RT, GR, etc.)	Name of Producing Fermation	Top Cli/Cas Fay	Tu	ting Depth	-, - ,,,		
3710' GL	Bone Spring	8790'					
Perforations 8790*-8900*			De	pth Castng Shoo			
0.30 0,30	TUDING, CASING, AND	CEMENTING RECORD			·····		
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET		SACKS CEMEN	Τ		
14-3/4"	11-3/4"	416		400			
11"	8-5/8"	4158'		1500			
7-7/8"	5½"	90001		225			
read bytes the incorporate	22 ATTOMARKE CONTRACTOR	L					
test data and request fo di. Well,		her recovery of total volumi pth or be for full 21 hours)	e of tona out and m	nuss os equal to cr exce	es top attom		
Date Fliet New Oil Hun To Tanks	Date of Test	Producing Method (Flow,	pump, gas lift, etc	e.)			
8-4-81	8-4-81	Flow		oke Size			
Longth of Tost	Tubing Pressure	Coamy Pressure	Cin	30/64"			
24 hrs Actual Pred, During Test	400# OII-BEIO,	Water-ubls.	Gui	1-MCF			
131	102	29		495	:		
·		,					
as well.	[]	Libbs Condensate 0.005	16.	mutus of Condension			
Actual Frod, Tool-MCF/O	Length of Tost	Libis. Condensate/MMCF	l Cre	rvity of Condensate			
Trating histhod (priot, back pr.)	Tubing Prossure (Linit-in)	Casing Propours (Shuk-1	n) Chi	ote Size			
ERTIFICATE OF COMPLIANC	E .	OIL CO	NSERVATIO	N COMMISSION			
		Approvers		10			
hereby cartify that the roles and re commission have been compiled w	gulations of the Oil Conservation	APPROVED	Orig. Stgm# H	137.			
sove in true and complete to the	boat of my knowledge and bellef,	h	water besten				
	<u>.</u>) 	M L BOY				
000.1		Thin from in to 1.	a filed in const	llance with Rute 11	v4.		
KD. Pit	ė :	If this to a toque	ot for allocable	for a newly diffied or	deepened		
(Signal	(wa)	well, this form must be tonto taken on the we	a necomposited t	by a Giniation of the	, as vietten		
Area Engineer				filled out completely	ior ottore		

All northern of this form must be filled out cought taly for oflower the cut only and telegraphets with a filled out cought taly for the cut only and telegraphets will none or mander, or transporter, well none or mander, or transporter, we often out a though of wealth we

WELL, NAME AND NUMBER Scot. E" FEDERAL Com. No. 1				
LOCATION 1980 FSL& FWL, Section, Townsh	ip and Range)	EA COUNTY		
OPERATOR GULF OIL CORPORA	TION			
DRILLING CONTRACTOR	PILLING CO. INC.			
The undersigned hereby certif drilling contractor who drilled the deviation tests and obtained the fol	above-described well and t	ed representative of the hat he has conducted		
Degrees @ Depth	Degrees @ Depth	Degrees @ Depth		
1/4 4/16	21/2 5890	23/4 10665		
3/1 890	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 7196	1/2 12825		
<u>3 2535</u>	1 7517	1/2 13:00		
23/4 2551	2/2 1969	MATTER CONTRACTOR CONT		
2 2675	2 8342	Control of the Contro		
1/4 2875	1/2 8615	######################################		
<u>3/4</u>	1 8774			
3/4 3753	314 9200	*****		
3/4 4158	23/4 9315			
1/2 4620	2/2 9544	grade the contract of the cont		
14 5056	3 9800			
21/4 5540	23/4 102/4			
	Drilling Contractor Jun	PRP DRILLING Co., INC.		
	By:	& Real .		
Subscribed and sworn to before me th	is <u>57H</u> day of	August , 1981		
	Ga	t Buchanan		
	inoil m	Notary Public		
My Commission Expires: JUNE 30, 1984 MIDLAND County TEXAS				

All distances must be from the outer boundaries of the Section. Operator Well has. Scott "E" Fed Com Gulf Oil Corporation Township unit Letter Section Mongo County **18**S 32E Lea Actual Funtage Location of Well: 1980 1980 South West feet from the feet from the Ground Lavel Elev. Producing Formation Dedicated Assenge: 3710 Bone Spring Querecho Plain Lower Bone Spring Actes 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc? 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. Name R. D. Pitre Position Area Engineer Company Gulf Oil Corporation Date 8-5-81 I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or (3 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.

1 500

1000

500

37.75 m / 1/6	
FORM 9-331 UNI D STATES C.C.D. CORVET ATRIPLICATE	Form approved.
DEPARTMENT OF THE INTERIOR (Office Instructions on re	5. LEASE DESIGNATION AND SERIAL NO.
GEOLOGICAL SURVEY	NM-24162
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUNDRY NOTICES AND REPORTS ON WELLS	
. (Do not use this form for proposals to drill or to degree or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)	
1.	7. UNIT AGREEMENT NAME
OIL CAS WHILL OTHER	
2. NAME OF OPERATOR	8. PARM OR LEASE NAME
Gulf Oil Corporation	Scott'"E" Federal Com
3. Address of Operator	9. WELL NO.
P. O. Box 670, Hobbs, NM 88240	1
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)	10. FIELD AND POOL, OR WILDCAT
At surface	Lusk Morrow, North
1980' FSL & 1980' FWL	11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA
	Sec 28-T18S-R32E
14. PERMIT NO. 15. ELEVATIONS (Show whether DF, ET, GR, etc.)	12. COUNTY OR PARISH 13. STATE
3710' GL	Lea NM
16. Check Appropriate Box To Indicate Nature of Notice, Report, or	Other Data
NOTICE OF INTENTION TO:	QUENT REPORT OF:
TEST WATER SHUT-OFF PULL OR ALTER CASING WATER SHUT-OFF	REPAIRING WELL
FRACTURE TREAT MULTIPLE COMPLETE FRACTURE TREATMENT	ALTERING CASING
SHOOT OR ACIDIZE ANANDONS SHOOTING OR ACIDIZING	ABANDON MENT*
REPAIR WELL CHANGE FLANS (Other) Casin	U
(Other) (Note: Report result	is of multiple completion on Well pletion Report and Log form.)
17. DESCRIBE PROPOSED OF COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent date proposed work. If well is directionally drilled, give subsurface locations and measured and true vertically drilled.	s, including estimated date of starting an
nent to this work.) *	- The same of the same same same same same same same sam
	•
TD 13,100' 7-13-81. Set 100 sack cement plugs 12,900'-13,100'; 1	2,150'-12,350':
10,150'-10,350'. Set 200 sack cement plug 9225'-8720'. Drilled	
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#.	
	Maga and and and and and and and and and an
	115212551010 EVU
	AUG 7 1981
	1901 20
	OIL & GAS
	U.S. GEOLOGICAL SURVEY ROSWELL NEW MEXICO
	· · · · · · · · · · · · · · · · · · ·
	•
	•
18. I hereby certify that the foregoing is true and correct	
SIGNED TITLE Area Drilling Superinte	ndent BATE 8-4-81
ROGER A. CHAPMAN	
(This space for Federal or State office use)	· · · · · · · · · · · · · · · · · · ·

TITLE .

DATE_

APPROVED BY AUG 1 1 1981 CONDITIONS OF APPROVAL, IF ANY:

U.S. GEOLOGICAL SURVEY

	INITED STATE		1011 - 1	TRIPLICATE*	Form appr Rudget Bu 5. Lease Designation	reau No. 42-R1424.
	EOLOGICAL SUR				:	24162
SUNDRY NOTION OF THE SUNDRY NO	CES AND REPO	ORTS ON	WELLS to a different re	servoir.	6. IF INDIAN, ALLOY	TEE OR TRIBE NAME
OIL GAS X OTHER		· · ·			7. UNIT AGREEMENT	NAME
2. NAME OF OPERATOR			JUN 22 1	191	8. FARM OR LEASE 1	AMB .
Gulf Oil Corporation	•				Scott "E" F	ederal Com
P. O. Box 670, Hobbs,	NM 88240	U.S.	.0=0		9. WELL NO.	1
4. LOCATION OF WELL (Report location cle See also space 17 below.)	arly and in accordance	with any Stat	e requirements.		10. FIELD AND POOL	OR WILDCAT
At surface 1980' FSL &	1980' FWL		•	·	Lusk Mo	
	•		•		Sec 28-T18S	-R32F
14. PERMIT NO.	15. ELEVATIONS (Show	whether DF, RT,	GR, etc.)		12. COUNTY OR PAR	
		' GL		<u> </u>	Lea	NM
	propriate Box To In	dicate Natu	re of Notice,		•	,
NOTICE OF INTENT	: OT KOE		•	BUBSEQUI	ENT REPORT OF:	 1
·	ULL OR ALTER CASING		WATER SHUT		REPAIRIN	
	BANDON*	-	FRACTURE TR SHOOTING OR	ļ	ALTERING ADANDONS	
	HANGE PLANS			Casing		x
(Other)			(Note: Comple	Report results a	of multiple completion tion Report and Log	on on Well form.)
17. DESCRIBE PROPOSED OR COMPLETED OPEN proposed work. If well is direction	ations (Clearly state a	Il pertinent de rface locations	tails, and give t and measured i	ertivent dates, and true vertical	including estimated of depths for all mark	date of starting any ters and zones perti-
nent to this work.) *					• '	•
TD 6:00 P.M., 6-11-81. (4137') set at 4158', "C" neat. Plug down 1 Test casing 1500#. Dr	FC at 4111'. :00 P.M., 6-12	Cement with City	ith 1500 s rculate ce	acks Gulfo ment to su	nix, 200 sack urface. WOC	ts Class 18 hours.
6-13-81.	III Cement, XI	oac, bio	C. DLLLL	.1.6		
			•			•
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•		•				
				•		•
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·	•		•			
•	•			•		•
				•	•	
						•
		•		•		
		• .	•			
18. I hereby certify that the foregoing is	true and correct		···			<u> </u>
SIGNED TELVILLE	7() TI	rle Area	Drilling S	Superinten	dent _{DATE}	6-18-81
(This space for Federal or Septe office	RMECORD		· · · · · · · · · · · · · · · · · · ·			
APPROVED BY ROGER A. C.	HAPMAN	P1.32			DATE	•
CONDITIONS OF APPROVAL, IF AN	(Y:	rle			<i>DAKD</i>	

JIIN 2019b)

COMY TO O. C. C

Form	3−331
fMay	1963)

UlarED STATES

SUBMIT IN TRIPLICATE*

Form approved.
Rudget Bureau No. 42-R1424.

GEOLOGICAL SURVEY	NM-24162
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT" for such proposals.)	
OIL CAS WOLL WOLL WOLL WILL WILL WELL WOLL OTHER	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR	8. PARM OR LEASE NAME .
Gulf Oil Corporation JUN 5 1001	Scott "E" Federal Com
3. ADDRESS OF OPERATOR	9. WELL NO.
P. O. Box 670, Hobbs, NM 88240 U.S. GEOLOGICAL SURVEY 4. LOCATION OF WILL (Report location clearly and in accordance with a SEE Equipment 17 below)	10. FIELD AND POOL, OR WILDCAT
See also space 17 below.) At surface	Lusk Morrow North
1980' FSL & 1980' FWL	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, CR, etc.) .	Sec 28-T18S-R32E 12. COUNTY OR PARISH 13. STATE
3710¹ GL	Lea NM
16. Check Appropriate Box To Indicate Nature of Notice, Report, or	Other Data
NOTICE OF INTENTION TO:	EQUENT REPORT OF:
TEST WATER SHUT-OFF PULL OR ALTER CASING WATER SHUT-OFF	REPAIRING WELL
FRACTURE TREAT MULTIPLE COMPLETE FRACTURE TREATMENT	ALTERING CASING
SHOOT OR ACIDIZE ABANDON* SHOOTING OR ACIDIZING	**************************************
REPAIR WELL CHANGE PLANS (Other) Cas	its of multiple completion on Well
(Other) Completion or Recon	apletion Report and Log form.)
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dat proposed work. If well is directionally drilled, give subsurface locations and measured and true vertinent to this work.).	ical depths for all markers and zones perti-
Sharp spudded 14-3/4" hole 8 A.M., 5-31-81; TD 9:30 P.M., 5-31	
joints 11-3/4" 42# H-40 ST&C (400') set at 416'. Cement with	
2% CaCl ₂ . Circulate cement to surface. Plug down 3:15 A.M., Test casing 500%. Drill cement, float. Drilling 11" form 3 A	
Test casing 500%. Dilli cement, float. Dilling it form 5 A	
ACCEPTED FOR RECORD	
ACCEPTED FOR RECORD	
JUN 1 2 1981	
JUN 1 2 1981	
JUN 1 2 1981	•
JUN 1 2 1981 U.S. GEOLOGICAL SLIRVEY	endent _{DATE} 6-4-81
U.S. GEOLOGICAL SURVEY 18. I herebros Weight the Weekle is the and correct	endent _{DATE} 6-4-81
JUN 1 2 1981 U.S. GEOLOGICAL SURVEY 18. I herebrosweither the present is true and correct SIGNED TITLE Area Drilling Superint	endent _{DATE} 6-4-81

DEPARTMENT OF THE INTERIOR

(Other instructions on reverse

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3/	- 22	1 /~	_		/	. /	-
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1 5	LEASE	7. 20 (1 4		4		<u></u>	
	LLCAGE	DENIG	KOITAN	AND	SER	IAL	No

GEOLOGICAL SURVEY

GEO	LOGICAL SURVEY			NM-241	62
APPLICATION FOR PERMI	T TO DRILL, DEEPEN	, OR PLUG BA	CK	6. IF INDIAN, ALLOTTE	
DRILL X b. TYPE OF WELL	DEEPEN [PLUG BACK		7. UNIT AGREEMENT I	×AME
WELL, CAS WELL X OTHER	SINGL ZONE			8. FARM OR LEASE NA	
2. NAME OF OPERATOR Gulf Oil Corporation	u Car	Life Control	April and the	Scott "E" 9. WELL NO.	Federal Co
B. Address of operator P. O. Box 670, Hobbs, NM	90410	AFR 1 5 1981		10. FIELD AND POOL,	OH WILDCAT
4. LOCATION OF WELL (Report location clearly At surface 1980 FSL & 1980 At proposed prod. zone	• FWI. U.S. S	requirements.*) 1945 A. H. V. L. SUP 603, H. W. MEXII		Lusk Morrow, 11. SEC., T., B., M., OR AND SURVEY OR A Sec 28-T18	BLK.
14. DISTANCE IN MILES AND DIRECTION FROM				12. COUNTY OR PARISE	
Approximately 9 miles sou			17 NO 01	Lea F ACRES ASSIGNED	NM
LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig, unit line, if any)		320		320	
 DISTANCE FROM PROPOSED LOCATION[®] TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 		000 SED DEPTH		or cable tools.	Prof.
21. ELEVATIONS (Show whether DF, RT, GR, etc.	•		. :	22. APPROX. DATE W	
•	37101 CT.			Mars 15 10	01

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17월"	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'	TOC 9500'
	1	i		

Mud Program:

23.

400'

Fresh water spud mud

4,2001

Saturated brine water

4,200' - 10,300'

Brackish water 8.5 - 10.0

10,300' -13,000' Brine water polymer

See Attached BOP Drawing #4

Gas Is Not Dedicated

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any. 24

SIGNED DEMANN	TITLE Area Production 1	Manager DATE 4-14-8]
(This space (or Form of Alfal Soffice use)		
PERHIT NO.	APPROVAL DATE	
CONDITIONS OF APPROVAL, IF ANY:	TITLE	DATE
JAMES A. GILHAM DISTRICT SUPERVISOR		

All distances must be from the outer boundaries of the Section

				MC 98 BUST DO TA				-		
Gulf Oil	Corpo	ration							ral Comm.	Well No.
K .	Section	28	Township 18 S	outh	Range 32	East	Cour	ity	Lea	_
Actual Footage Loc	cation of W	_	outh	line cad	1980		feet from	the 1	west	line
3710.0		oducing For			Pool	. Manna			3	ated Anteage:
	ne acreai	Morros ge dedica		subject we		Morrow			marks on the pla	320 Arres
2. If more the interest a	han one nd royalt	lease is	dedicated	l-to the well,	. outline	each. and	identify	the c	ownership thereo	f (both as to working
dated by	No is "no;"	ization, to	mitization	, force-poolin	g. etc?	lation			·····	(Use reverse side of
No allowa	ble will !	be assign	ed to the soor until a	well until all non-standard	interests unit, eli	have bee	en conso	lidat erest	s, has been appro	ization, unitization, oved by the Commis-
·	 			·	; ; ; ;				i hereby certify toined herein is	THEICATION that the information control and complete to the fedge and belief.
	+- 1				 		· 		Name For R. C. And Position	
	!				; 		· ·		Company	duction Manager Corporation
				1					shown on this pi notes of octual under my superv is true and col	that the well location at was plotted from field surveys made by me artision, and that the same rect to the best of my
	+ -					177.53			Date Surveyed 4-7-81 Registered Professional/or Land Surve	sional Engineer
G 330 680	1310	440 100	0 2510 26	40 2000	1 800	1000	800		PAT	NA W. WEST 876 RICK A. ROMERO 808 Ruid J. Eldson 323

CHEVRON U.S.A. SCOTT "E" FEDERAL NO. 1

Sur: 11486 9 775/w 28-185-32e

Slot #1
UNKNOWN
LEA COUNTY, NEW MEXICO

BHL: 1080/5 4 887 w

ß URVE Ľ S, TING

by Baker Hughes INTEQ

30-025-27442

Your ref : Gyro & Teleco Survey Our ref : svy1157

License:

Date created Last revised Date printed d : 28-Jul-98
d : 6-Jul-98
d : 28-Jul-98

Field is centred on 0.000,0.000,3.00000,N Structure is centred on 671151.550,624018.690,999.00000,N

Slot location is n32 42 51.442, w103 46 36.728 slot Grid coordinates are N 624018.690, E 671151.550 slot local coordinates are 0.00 N 0.00 E

Projection type: mercator - New Mexico East (3001), Spheroid: NAD

Reference North is True North

SURVEY LISTING Page 1
Your ref : Gyro & Teleco Survey
Last revised : 28-Jul-98

2000.00 2100.00 2200.00 2200.00 2300.00 2400.00	1500.00 1600.00 1700.00 1800.00 1900.00	1000.00 1100.00 .00.00 1300.00 1400.00	500.00 600.00 700.00 800.00	100.00 200.00 300.00 400.00	Measured Depth
0.91 1.36 1.64 1.81 2.06	0.55 0.64 0.60 0.79	0.42 0.33 0.38 0.41 0.52	0.40 0.44 0.42 0.37 0.31	0.00 0.29 0.25 0.37 0.25	Inclin. Degrees
57.88 45.81 44.92 43.71 46.17	72.47 68.79 53.04 46.65 58.78	73.33 57.34 43.28 70.20 71.26	110.00 104.32 89.28 100.93 79.20	0.00 142.94 161.86 153.13 128.59	Azimuth Degrees
1999.93 2099.91 2199.87 2299.83 2399.77	1499.97 1599.96 1699.96 1799.95 1899.94	999.98 1099.98 1199.98 1299.98 1399.97	499.99 599.99 699.99 799.99 899.98	100.00 200.00 300.00 400.00	True Vert Depth
2.86 N 4.11 N 5.95 N 8.10 N 10.48 N	0.42 S 0.07 S 0.44 N 1.23 N 2.07 N	2.00 S 1.74 S 1.34 S 0.98 S 0.71 S	1.79 S 2.00 S 2.09 S 2.15 S 2.16 S	0.00 N 0.20 S 0.61 S 1.10 S 1.53 S	RECTANGU COORDINA
13.26 E 14.78 E 16.64 E 18.74 E 21.12 E	8.02 E 9.00 E 9.94 E 10.86 E 11.97 E	4.73 E 5.33 E 5.80 E 6.37 E 7.14 E	1.40 E 2.10 E 2.84 E 3.53 E 4.11 E	0.00 E 0.15 E 0.37 E 0.59 E	T A R
0.08 0.51 0.28 0.17	0.02 0.11 0.18 0.20 0.18	0.12 0.14 0.10 0.19 0.11	0.19 0.05 0.11 0.09 0.14	0.00 0.29 0.10 0.13 0.18	Dogleg Deg/100ft
13.26 14.78 16.64 18.74 21.12	8.02 9.00 9.94 10.86 11.97	4.73 5.33 5.80 6.37 7.14	1.40 2.10 2.84 3.53 4.11	0.00 0.15 0.37 0.59	Vert Sect

All data is in feet unless otherwise stated.

Coordinates from slot #1 and TVD from rotary table.

Bottom hole distance is 222.75 on azimuth 107.69 degrees from wellhead.

SURVEY LISTING Page 2
Your ref : Gyro & Teleco Survey
Last revised : 28-Jul-98

	4900.00	800.0	700.0	600.0	500.0	0.0	300.0	200.0	4100.00	000.0	900.0	800.0	700.0	3600.00	500.0	400.0	3300.00	200	200.0	100.0	000.0	0.0	800.0	2700.00	600.0	500.0	Measured Depth
	0.39		س	٠	ພ	. 4	.4		0.11		٠,	ယ	မ	0.31	4	i	0.44	٠.	ກ •	7	. 7	00	• 9	1.41	. 9		Inclin. Degrees
ф	227.74	32.2	22.6	19.7	41.3	52.9	52.7	8.2	317.37	2.3	4.9	1.0	4.4	24.53	2.1	5.4	40.64	000	י ומ	. 1	2.1	7.7	9.8	45.94	6.9	5 5	Azimuth Degrees
Co Bottom hole	4899.51	799.5	699.5	599.5	499.5	399.5	299.5	199.5	4099.53	999.5	899.5	799.5	699.5	3599.53	499.5	399.5	3299.34) i	100 5	099.5	999.5	899.5	799.5	2699.60	599.6	499.7	True Vert Depth
All data is in coordinates from a distance is 222	48	5.88	6.29	6.7	7.15	7.41	7.63	7.84	27.87 N	7.59	7.16	6.69	6.18	25.67 N	5.13	4.5/	04.01	2	ا بد د د	2.38	1.25	0.08	8.88	17.40 N	5.40	2.99	RECTANG COORDIN
n feet unless c slot #1 and TVI .75 on azimuth	1.4	1.95	2.39	.81		3.91	4.62	5.24	35.54 E	5.52	5, 33	5.14	4.92	34.69 E	4.31	υ. αυ	η -) () (2 87	2.22	1.5	0.70	9.73	28.33 E	6.22	3.70	U L A R A T E S
ss otherwis TVD from r outh 107,69	0.0	0.0	0.0	0.14	0.0	0.0	0.1	0.2	0.2	0.	0.0	0.0	0.0	0.1	0.) () () i	0.1	0.0	0	, 0.0	0.5	0.5	0.1	0.	Dogleg Deg/100ft
se stated. rotary table. degrees from	1.4	1.9	2.3	2.8		ა 9	4.6	5	U	Ŋ	ა ა	5.1	4.	4.6	34.31	•	o 1	ا د	2.8	2.2	31.52	0.7	9.7	ω	6.2	23.70	Vert Sect

Vertical section is from wellhead on azimuth 90.00 degrees.
Calculation uses the minimum curvature method.
Presented by Baker Hughes INTEQ om wellhead.

SURVEY LISTING Page 3
Your ref : Gyro & Teleco Survey
Last revised : 28-Jul-98

2000.00 4000.00 4000.00 5000.00 600	Measured Depth 5000.00 5100.00 5200.00 5300.00 5300.00 5500.00 5700.00
	Inclin. Degrees 0.64 1.08 1.49 1.76 1.86 1.82 2.19 2.22
55403 33444 4441 3 103803 84146 041 3 113803 55079 21 6 9	Azimuth Degrees 241.37 252.72 254.87 255.77 2552.09 252.22 243.82 243.88
3988.3 3988.3 3988.3 3988.3 3988.3 3988.3	True Vert Depth 4999.51 5099.50 5199.47 5299.43 5399.38 5499.33 5599.27 5699.20 5799.12
8.000 8.0000 8.000 8.000 8.000 8.000 8.000 8.000 8.000 8.000 8.0	RECTANGU COORDIN.A 24.98 N 24.44 N 23.82 N 23.10 N 22.23 N 21.24 N 20.00 N 18.40 N 16.69 N
.63 .880 .79 .61 .63 .63 .63	TEAR 30.73 E 29.35 E 27.20 E 21.42 E 18.37 E 11.60 E 8.11 E
NH@H% HWHOW HHOOH O	Dogleg Deg/100ft 0.27 0.47 0.42 0.26 , 0.15 0.03 0.41 0.12
σεμαν αρωσα ναααω α	Vert Sect 30.73 29.35 27.20 24.45 21.42 18.37 15.09 11.60 8.11

All data is in feet unless otherwise stated.

Coordinates from slot #1 and TVD from rotary table.

Bottom hole distance is 222.75 on azimuth 107.69 degrees from wellhead.

Vertical section is from wellhead on azimuth 90.00 degrees.

Calculation uses the minimum curvature method.

Presented by Baker Hughes INTEQ

SURVEY LISTING Page 4
Your ref : Gyro & Teleco Survey
Last revised : 28-Jul-98

	8574.00 8668.00 8700.00 8732.00 8762.00	8264.00 8325.00 8388.00 8419.00	7828.00 7860.00 7892.00 7922.00 7953.00 8015.00 8076.00 8169.00	easur Depth 470.0 535.0 580.0 642.0 73.0
	6.80 6.80	10.50 10.60 11.20 11.30	10.40 10.10 10.00 10.00 10.10 10.40 10.30 10.30	11: 0:00 0:00 0:00
Во	89.80 91.80 92.50 92.70 95.10	89.40 90.30 89.50 88.90 88.70	87.20 87.90 84.80 84.40 85.00 85.10 85.40 85.40 83.70	imu gred gred 4.1 4.3 5.6 5.6 7.8
All data is in Coordinates from some solution hole distance is 222. Bottom hole distance is from the Calculation uses the Calculation	8558.48 8651.22 8682.84 8714.51 8744.27	8253.80 8313.77 8375.63 8406.03 8466.93	7824.79 7856.27 7887.77 7917.31 7947.84 8008.85 8068.85 8160.33 8190.83	ue Ve Depth 1468.2 1533.2 1578.2 1640.1 163.5
	3.36 3.15 N 2.97 N 2.76 N	2.76 N 2.79 N 2.81 N 2.90 N 3.14 N	4.02 S 3.66 S 3.17 S 2.67 S 1.71 S 0.81 S 2.08 N	T A R D
feet unled lot #1 and 75 on azimom wellheads the minind by Baker	116.90 E 132.25 E 137.20 E 141.76 E 145.51 E	59.80 E 70.97 E 82.88 E 88.93 E 100.60 E	11.87 W 6.24 W 1.03 W 1.03 W 15.35 E 26.27 E 42.91 E	E S E S E S 8.94 0.41 1.12 9.12 9.12 9.12 9.12
TVD from uth 107.69 d on azimum curvat Hughes II	0.68 0.92 0.71 3.75 2.85	1.71 0.32 0.98 0.50 1.45	0.74 1.74 0.41 0.42 0.48 0.19 1.03	00 64664 GL
ise stated. rotary table. degrees from wellhead. th 90.00 degrees. ture method.	116.90 132.25 137.20 141.76 145.51	59.80 70.97 82.88 88.93 100.60	-11.87 -6.24 -1.03 4.35 15.35 16.27 42.91 48.39	Vert Sect 38.9 40.4 41.1 39.1 36.8
				•

SURVEY LISTING Page 5
Your ref : Gyro & Teleco Survey
Last revised : 28-Jul-98

All data is in feet unless otherwise stated.
Coordinates from slot #1 and TVD from rotary table.
Bottom hole distance is 222.75 on azimuth 107.69 degrees from wellhead.
Vertical section is from wellhead on azimuth 90.00 degrees.
Calculation uses the minimum curvature method.
Presented by Baker Hughes INTEQ

SURVEY LISTING Page 6
Your ref : Gyro & Teleco Survey
Last revised : 28-Jul-98

Comments in wellpath

7470.00 7468.24 Rectangular Coords. 8.29 S 38.94 W Last Gyro Survey Comment

	Target nam	
	Targets associated with thi	
11535.00	ciated with thi	
1	ll o	
0.00N 200.00E 9-Jun-98	Coordinates	
9-Jun-98	Revised	

CHEVRON Location : Lee COUNTY, NEW MEXICO

1 inch = 12.5 ft

East (feet) ->

NUEC

