

New Mexico Oil Conservation Division, District I

Form 3160-5
(June 1990)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
1625 N. French Drive
Albuquerque, NM 88240FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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

Use "APPLICATION FOR PERMIT --" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well: ☒ OIL WELL ☐ GAS WELL ☐ OTHER

2. Name of Operator

CHEVRON USA INC

3. Address and Telephone No.

15 SMITH ROAD, MIDLAND, TX 79705

432
915-687-7375

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

Unit Letter F : 2310' Feet From The NORTH Line and 2308' Feet From TheWEST Line Section 33 Township 18-S Range 32-E

5. Lease Designation and Serial No.

NM-18232

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and Number

SPEAR FEDERAL

1

9. API Well No.

30-025-33645

10. Field and Pool, Exploratory Area

QUERCHO PLAINS UPPER BN SPRNGS

11. County or Parish, State

LEA, NM

12. Check Appropriate Box(s) To Indicate Nature of Notice, Report, or Other Data

TYPE OF SUBMISSION

TYPE OF ACTION

- ☒
- Notice of Intent
-
- ☐
- Subsequent Report
-
- ☐
- Final Abandonment Notice

- ☐
- Abandonment
-
- ☐
- Recompletion
-
- ☐
- Plugging Back
-
- ☐
- Casing Repair
-
- ☐
- Altering Casing
-
- ☒
- OTHER:
- PLUGBACK BN SPRNGS

- ☐
- Change of Plans
-
- ☐
- New Construction
-
- ☐
- Non-Routine Fracturing
-
- ☐
- Water Shut-Off
-
- ☐
- Conversion to Injection
-
- ☐
- Dispose Water

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

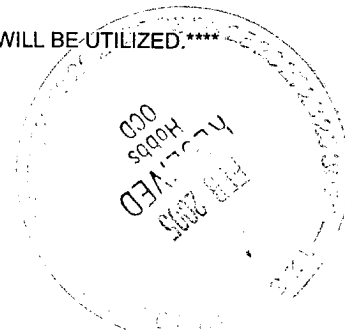
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to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

CHEVRON U.S.A. INTENDS TO RECOMPLETE THE SUBJECT WELL FROM THE WOLFCAMP TO THE BONE SPRINGS DUE TO DEPLETING PRODUCTION. THIS PLUGBACK WILL PREVENT LOSS OF THE LEASE. THE INTENDED PROCEDURE IS AS FOLLOWS:

1) MIRU. TOH W/RDS & PMP. 2) INSTL BOP. TOH W/PROD TBG. 3) TIH W/BIT TO 10,500'. PICKLE CSG USING 750 GALS 15% HCL. 4) RD PU.
5) SET CIBP @ 10,500 TO ABANDON WOLFCAMP. TOP WITH 35' CMT. CHART & TEST CSG TO 500# FOR ABANDONMENT. 6) PERF 8545-8550 & 8422-8428. 7) ACIDIZE PERFS 8422-8550 W/2000 GALS 15% HCL. 8) FRAC 8422-8550 W/30,000 GALS WF 110 FLUSH, 30,000# 16/30 SUPER LC CRCS, 72,000# 16/30 JORDAN SAND, & 28,000 YF 135 ST. 9) RUN AFTER FRAC LOG FOR EVALUATION. 10) MIRU PU. MOVE IN RDS & PROD TBG. 11) TIH W/PROD EQPT TO 8600 TO PUMP TEST BONE SPRINGS PERFS.

****A BELOW GROUND PIT WILL NOT BE USED FOR THIS RECOMPLETION. A CONTAINED STEEL TANK WILL BE UTILIZED.****

CURRENT & PROPOSED WELLBORE DIAGRAMS ARE ATTACHED.

OPER. OGRID NO. 4323
PROPERTY NO. 19677
POOL CODE 4145D
EFF. DATE 2/21/05
API NO. 30-025-33645

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

SIGNATURE

TITLE

Regulatory Specialist

DATE

1/25/2005

TYPE OR PRINT NAME

Denise Leake

(This space for Federal or State office use)

APPROVED (ORIG. SGD.) DAVID R. GLASS
CONDITIONS OF APPROVAL, IF ANY: TITLE

DATE

JAN 31 2005

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.

WELL DATA SHEET

FIELD: North Lusk

WELL NAME: Spear Federal #1

FORMATION: WOLFCAMP

LOC: 2310' FNL & 2308' FWL, Unit F
TOWNSHIP: 18S
RANGE: 32E

SEC: 33
COUNTY: Lea
STATE: NM
CURRENT

GL: 3701'
KB to GL: 17'
DF to GL:

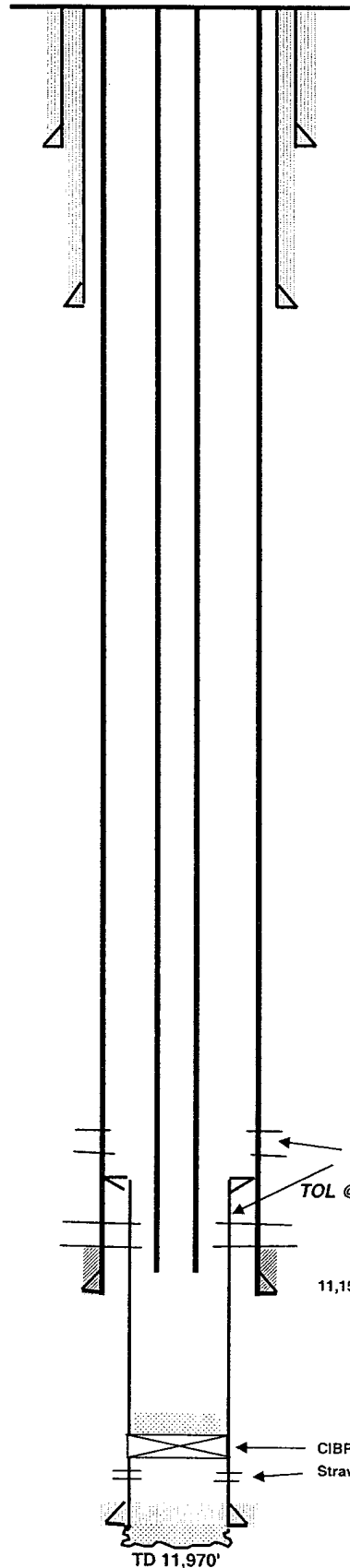
CURRENT STATUS: Pumping
API NO: 30-025-33645
REFNO: BJ8718

13-3/8", 54.5#, J-55 Csg
Set @ 455 w/500 sx cmt.
Circulated.

8-5/8", 24/32#, K-55 Csg
Set @ 3200 w/1500 sx cmt.

7 7/8" hole
7", 29#, P-110 Csg
Set @ 11,152' w/150 sx cmt.
Did not circulate.

4-1/2", 11.6#, L-80 Liner
Set @ 11,969' w/240 sx cmt.
TOL @ 10,648',



Date Completed: 1/10/97
Initial Formation: Strawn
Current Formation: Wolfcamp
Proposed Formation: Bone Spring

Perf 11558'-64', 11,572'-79', 11,583'-95', & 11,599'-11,609' w/2 JHPF. Acdz w/500 gals 15% HCL.

Perf 11470'-77', 11489'-97', 11520'-28', 11622'-32', 11652'-59', & 11689'-98' w/2 JHPF. Acdz w/13,300 gals 20% HCL.

Wolfcamp Perfs: 10550' - 10740' (10699-10705, 10721-10740, 10638-10658, 10614-10638, 10550 & 10575-10594')

Tbg. Detail- 2-3/8" L-80 Total = 10773.94'. SN @ 10773.94.
TAC @ 10518.44' w/ 17' KB

Deviation-
last reported deviation is 1.5 degrees at 11,267 ft.
maximum of 4.25 degrees at 11,123 ft.
less than 2 degrees between 2,900 and 9,000 ft.
less than 1 degree between 0 and 2,200 ft.
2 to 3 degrees between 2,300 and 2,800 ft., and 9,300 and 10,700 ft.

Wolfcamp Perfs: 10550' - 10740' (10699-10705, 10721-10740, 10638-10658, 10614-10638, 10575-10594' & 10550')

TOL @ 10,648'

11,152'

CIBP set @ 11355' w/ 40' cmt cap
Strawn Perfs 11,797'-11,841' (Ac 2500 gals)

TD 11,970'

WELL DATA SHEET

FIELD: North Lusk

WELL NAME: Spear Federal #1

FORMATION: BONE SPRING

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TOWNSHIP: 18S
RANGE: 32E

SEC: 33
COUNTY: Lea
STATE: NM

GL: 3701'
KB to GL: 17'
DF to GL:

CURRENT STATUS: Pumping
API NO: 30-025-33645
REFNO: BJ8718

PROPOSED

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PROPOSED BONE SPRING
8545'-8552', 8420'-8440'

Proposed CIBP w/ cmt top to abandon Wolfcamp

Wolfcamp Perfs: 10550' - 10740' (10699-10705, 10721-10740, 10638-10658, 10614-10638, 10575-10594' & 10550')

TOL @ 10,648'

11,152'

CIBP set @ 11355' w/ 40' cmt cap
Strawn Perfs 11,797'-11,841' (Ac 2500 gals)

TD 11,970'

DISTRICT I

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

DISTRICT II

P.O. Box Drawer DD, Artesia, NM 88211-0719

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

Form C-102

Revised February 10, 1999

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

¹ API Number 30-025-33645	² Pool Code 50600 41450	³ Pool Name North Lusk QUERCHO PLAINS, UPPER BN SPRNGS
⁴ Property Code 19677	⁵ Property Name SPEAR FEDERAL	⁶ Well No. 1
⁷ OGRID Number 4323	⁸ Operator Name CHEVRON USA INC	⁹ Elevation

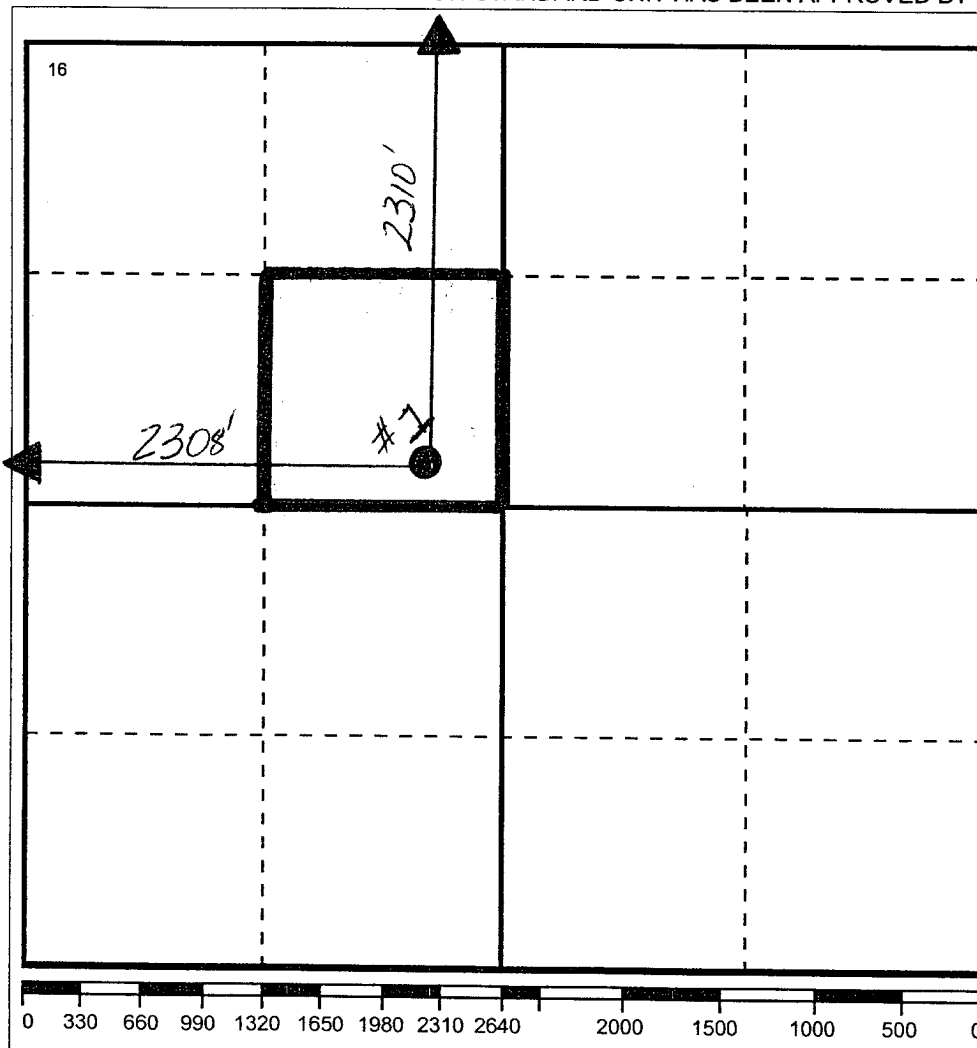
¹⁰ Surface Location

Ul or lot no F	Section 33	Township 18-S	Range 32-E	Lot.Idn	Feet From The 2310'	North/South Line NORTH	Feet From The 2308'	East/West Line WEST	County LEA
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¹¹ Bottom Hole Location If Different From Surface

Ul or lot no.	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
¹² Dedicated Acre 40	¹³ Joint or Infill No	¹⁴ Consolidation Code	¹⁵ Order No.						

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

¹⁷ OPERATOR CERTIFICATION

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

Signature

Printed Name

Denise Leake

Position

Regulatory Specialist

Date

1/25/2005

¹⁸ SURVEYOR CERTIFICATION

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

Date Surveyed

 Signature & Seal of
 Professional Surveyor

Certificate No.