

AMENDED \*\*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL

☒

DEEPEN

☐

b. TYPE OF WELL

OIL  
WELL

☐

GAS  
WELL

☒

OTHER

SINGLE  
ZONE

☒

MULTIPLE  
ZONE

☐

2. NAME OF OPERATOR

CHEVRON U.S.A. INC.

ATTN: J. K. Ripley

(915) 687-7148

3. ADDRESS AND TELEPHONE NO.

P. O. BOX 1150, MIDLAND, TX 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface 1980' FSL & 1815' FWL UNIT K

At proposed prod. zone

\*\* 1650' FSL & 1650' FWL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

16 MILES WEST of CARLSBAD, NM

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

1815'

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

1200'

16. NO. OF ACRES IN LEASE

2417.73

19. PROPOSED DEPTH

7600'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

640

20. ROTARY OR CABLE TOOLS

ROTARY

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

4033' GR

22. APPROX. DATE WORK WILL START\*

10/4/96 \*\*\*\*

PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | GRADE, SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|-----------------------|-----------------|---------------|--------------------|
| 14-3/4"      | 9-5/8"                | 36              | 1500'         | CIRCULATED         |
| 8-3/4"       | 7"                    | 26              | 7100'         | CIRCULATED         |

MUD PROGRAM;

0-1300' AIR/AIR MIST

1300-7600' CUT BRINE 9.4-9.9 PPG

BOPE EQUIPMENT:

3000 PSI WORKING PRESSURE (SEE ATTACHED DRAWING)

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

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

24

SIGNED

*J. K. Ripley*

TITLE

TECHNICAL ASSISTANT

DATE

9/4/96

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

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

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY (ORIG. SGD.) ARMANDO A. LOPEZ

TITLE

PETROLEUM ENGINEER

DATE

1/21/97

\*See Instructions On Reverse Side

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

Submit a deviation survey when well is completed

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

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

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

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

DISTRICT IV  
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                             |                                      |  |
|-----------------------------|--------------------------------------|--|
| API Number<br>30-015- 29222 | Pool Code<br>79040                   | Pool Name<br>INDIAN BASIN;UPPER PENN (PRO GAS) |
| Property Code<br>2585       | Property Name<br>BOGLE FLATS UNIT    | Well Number<br>16                              |
| OGRID No.<br>4323           | Operator Name<br>CHEVRON U.S.A. INC. | Elevation<br>4033                              |

Surface Location

|                    |               |                  |               |         |                       |                           |                       |                        |                |
|--------------------|---------------|------------------|---------------|---------|-----------------------|---------------------------|-----------------------|------------------------|----------------|
| UL or lot No.<br>K | Section<br>10 | Township<br>22 S | Range<br>23 E | Lot Idn | Feet from the<br>1980 | North/South line<br>SOUTH | Feet from the<br>1815 | East/West line<br>WEST | County<br>EDDY |
|--------------------|---------------|------------------|---------------|---------|-----------------------|---------------------------|-----------------------|------------------------|----------------|

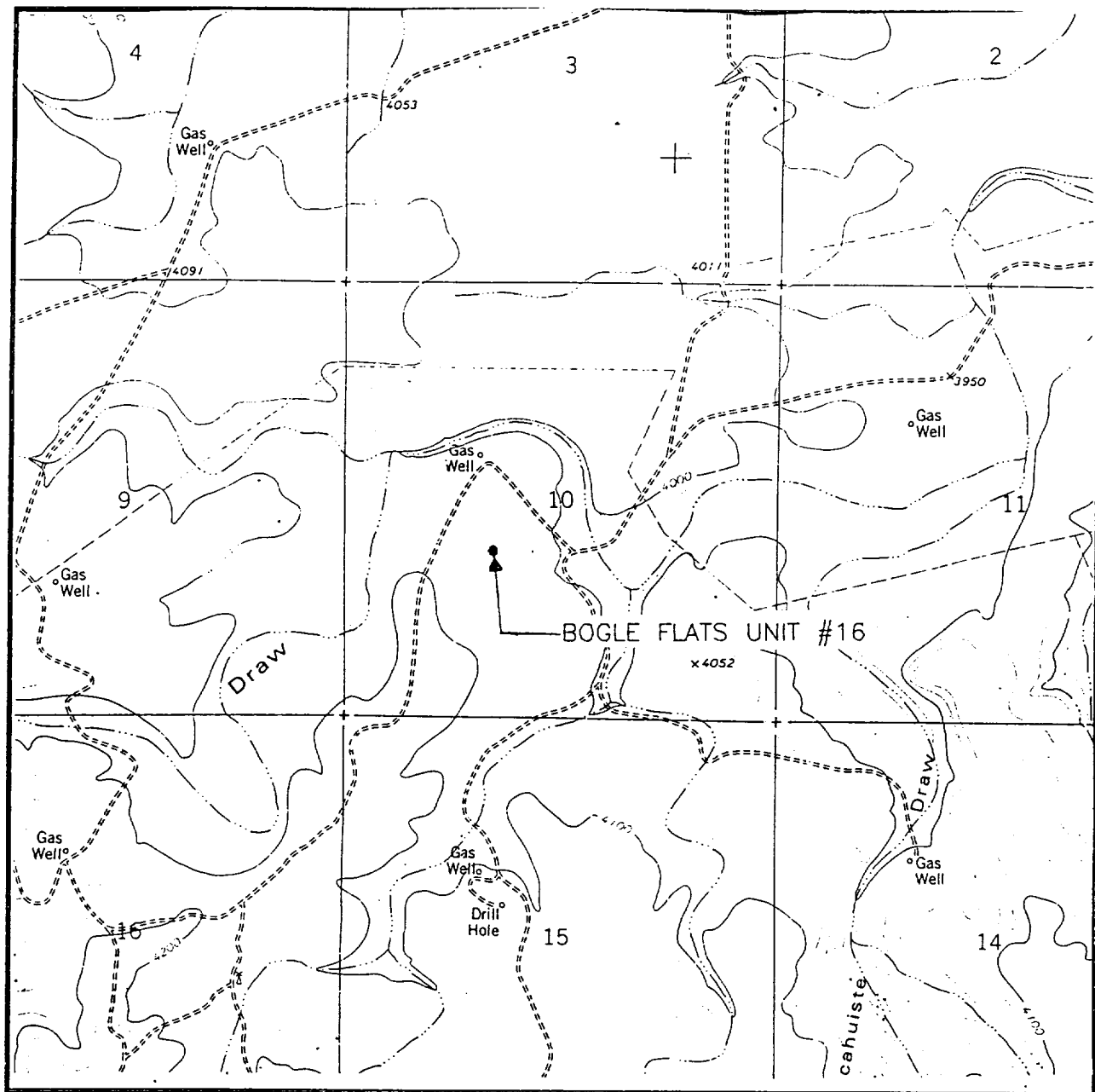
Bottom Hole Location If Different From Surface

|                    |                 |                    |              |         |                       |                           |                       |                        |                |
|--------------------|-----------------|--------------------|--------------|---------|-----------------------|---------------------------|-----------------------|------------------------|----------------|
| UL or lot No.<br>K | Section<br>10   | Township<br>22S    | Range<br>23E | Lot Idn | Feet from the<br>1650 | North/South line<br>South | Feet from the<br>1650 | East/West line<br>West | County<br>Eddy |
| Dedicated Acres    | Joint or Infill | Consolidation Code | Order No.    |         |                       |                           |                       |                        |                |

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

|  |  |  |  |   |  |
|--|--|--|--|---|--|
|  |  |  |  | <b>OPERATOR CERTIFICATION</b><br><br>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.<br><br>Signature <u>J. K. Ripley</u><br>Printed Name <u>J. K. Ripley</u><br>Title <u>T.A.</u><br>Date <u>1/16/97</u>  |  |
|  |  |  |  | <b>SURVEYOR CERTIFICATION</b><br><br>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.<br><br>JANUARY 18, 1996<br>Date Surveyed<br>Signature & Seal of Professional Surveyor <u>Ronald E. Eidson</u> DMCC<br>Certificate No. <u>JOHN W. WEST</u> 676<br><u>RONALD E. EIDSON</u> 3239<br><u>BARBARA EIDSON</u> 12641 |  |

# LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:  
MARTHA CREEK - 20'

SEC. 10 TWP. 22-S RGE. 23-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 1980' FSL & 1815' FWL

ELEVATION 4033

OPERATOR CHEVRON U.S.A. INC.

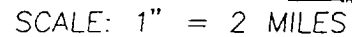
LEASE BOGLE FLATS UNIT

U.S.G.S. TOPOGRAPHIC MAP

MARTHA CREEK, N.M.

**JOHN WEST ENGINEERING**  
**HOBBS, NEW MEXICO**  
**(505) 393-3117**

## A decorative flourish featuring a central vertical line with symmetrical, swirling, scroll-like patterns on either side. The word "NORTH" is written vertically in a serif font along the right side of the central line.



**JOHN WEST ENGINEERING  
HOBBS, NEW MEXICO  
(505) 393-3117**