Form 3160-3
(December 1990)

(Other instructions on

Form approved.
Budget Bureau No. 1004-0136
Expires: December 31, 1991

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OIL CONSERVATION DIV
811 S. 1st
ARTESIA, NM 88210-2834

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
DRILL [X] DEEPEN [ ]

b. TYPE OF WELL
OIL WELL [ ] GAS WELL [XXX] OTHER SINGLE ZONE [XXX] MULTIPLE ZONE [ ]

2. NAME OF OPERATOR
CHEVRON U.S.A. INC. 4323 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 1650' FSL & 1650' FWL UNIT K
At proposed prod. zone

5. LEASE DESIGNATION AND SERIAL NO.
NM-045273

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

7. UNIT AGREEMENT NAME 2587
BOGLE FLAT S UNIT GAS COM

8. FARM OR LEASE NAME, WELL NO.
10

9. API WELL NO.
30-015-29228

10. FIELD AND POOL, OR WILDCAT
INDIAN BASIN UPPER PENN (GAS) PRO

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SEC. 3, T22S, R23E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
15 MILES WEST of CARLSBAD, NM

12. COUNTY OR PARRISH: EDDY
13. STATE: NM

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 1650'

16. NO. OF ACRES IN LEASE: 677.00

17. NO. OF ACRES ASSIGNED TO THIS WELL: 677

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH: 8100'

20. ROTARY OR CABLE TOOLS: ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, ect.): ~~4083'~~ GR : 4063'

22. APPROX. DATE WORK WILL START*: 10/4/96 ****

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17"	13-3/8"	48	260'	CIRCULATED
12-1/4"	8-5/8"	24	2300'	CIRCULATED
7-7/8"	5-1/2"	15.50	8100'	CIRCULATED

MUD PROGRAM;
0-260' FRESH WATER SPUD MUD
260-2300' FRESH WATER STARCH 10# **
2300'-8100 FRESH WATER & CUT BRINE 8.4-9.8

** WILL DRILL WITH FRESH WATER TO 2300' TO PROTECT ANY FRESH WATER IN THE SAN ANDRES. SEE ATTACHED SUNDRY NOTICE DATED 4/11/95

BOPE EQUIPMENT: 3000 PSI WORKING PRESSURE; SEE ATTACHED DRAWING

**** PLEASE EXPEDITE ****

Posted ID-1 NL&AP F 10-25-96

General Requirements and Special Stipulations Attached

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 09/12/96

(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 /s/ Gary Bowers TITLE Acting / Area Manager DATE OCT 15 1996

*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.

Form 3160-5
June 1990

UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT

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 deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals

5. Lease Designation and Serial No.: NM-046273

6. If Indian, Allottee or Tribe Name: N/A

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation: BOGL FLATS UNIT

1. Type of well: [ ] Oil [X] Gas [ ] Other

8. Well Name and No.: BOGL FLATS UNIT GAS COM. #10

2. Name of Operator: CHEVRON U.S.A. INC.

9. API Well No.:

3. Address and Telephone No.: (915) 687-7812
P.O. BOX 1150 MIDLAND, TEXAS 79702 ATTN: P.R. MATTHEWS, ROOM 3122

10. Field and Pool, or Exploratory Area: INDIAN BASIN

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SEC. 3, T22S, R23E
1650' FSL & 1650' FWL

11. County or Parish, State: EDDY CO. NEW MEXICO

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

12 TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[X] Change of Plans
[ ] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[ ] Other DRILLING REPORT	[ ] 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 PROPOSES ADDITIONAL INFORMATION TO APD.

DEDICATED ACRES = 677.

BOTTOM HOLE PRESSURE AT TD = 1000 PSI.

H2S WILL BE PRESENT IN SMALL AMOUNTS AT THE YESO FORMATION AND AT TD WITH AN EXPECTED RATE OF 5000 PPM.
CHEVRON WILL INSTALL A FULL COMPLIANCE H2S EQUIPMENT PACKAGE BEFORE REACHING THE YESO FORMATION.
THIS EQUIPMENT WILL REMAIN IN PLACE UNTIL THE WELL IS CASED AND CEMENTED AT TD.

SURFACE CASING WILL BE SET AT 260' AND THEN DRILLED TO 2300' WITH FRESH WATER.
INTERMEDIATE CASING WILL BE SET AT 2300' AND CEMENTED TO SURFACE, TO PROTECT ANY FRSH WATER ZONES
IN THE SAN ANDRES FORMATION.

PROPOSED LOGS WILL BE:
COMP. NEUTRON/LITHODENSITY LOG, DUAL LATERALMSFL, DITIGAL SONIC, FORMATION MICROSCANNER

14. I hereby certify that the foregoing is true and correct
Signed: Roy Matthews Title: DRILLING TECHNICAL ASSISTANT Date: 4/11/95

(This space for Federal or State office use)
Approved by: Orlando Vega Title: AREA MANAGER Acting Date: 4-13-95
Conditions of approval, if any:

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

*See Instructions on Reverse Side

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

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

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

State of New Mexico
Energy, Minerals and Natural Resources Dept.

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

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

- SIMULTANEOUS DEDICATED

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-015-29238	79040	INDIAN BASIN;UPPER PENN (PRO GAS)

Property Code	Property Name	Well Number
2587	BOGLE FLATS UNIT GAS COM	10

OGRID No.	Operator Name	Elevation
4323	CHEVRON U.S.A. INC.	4063'

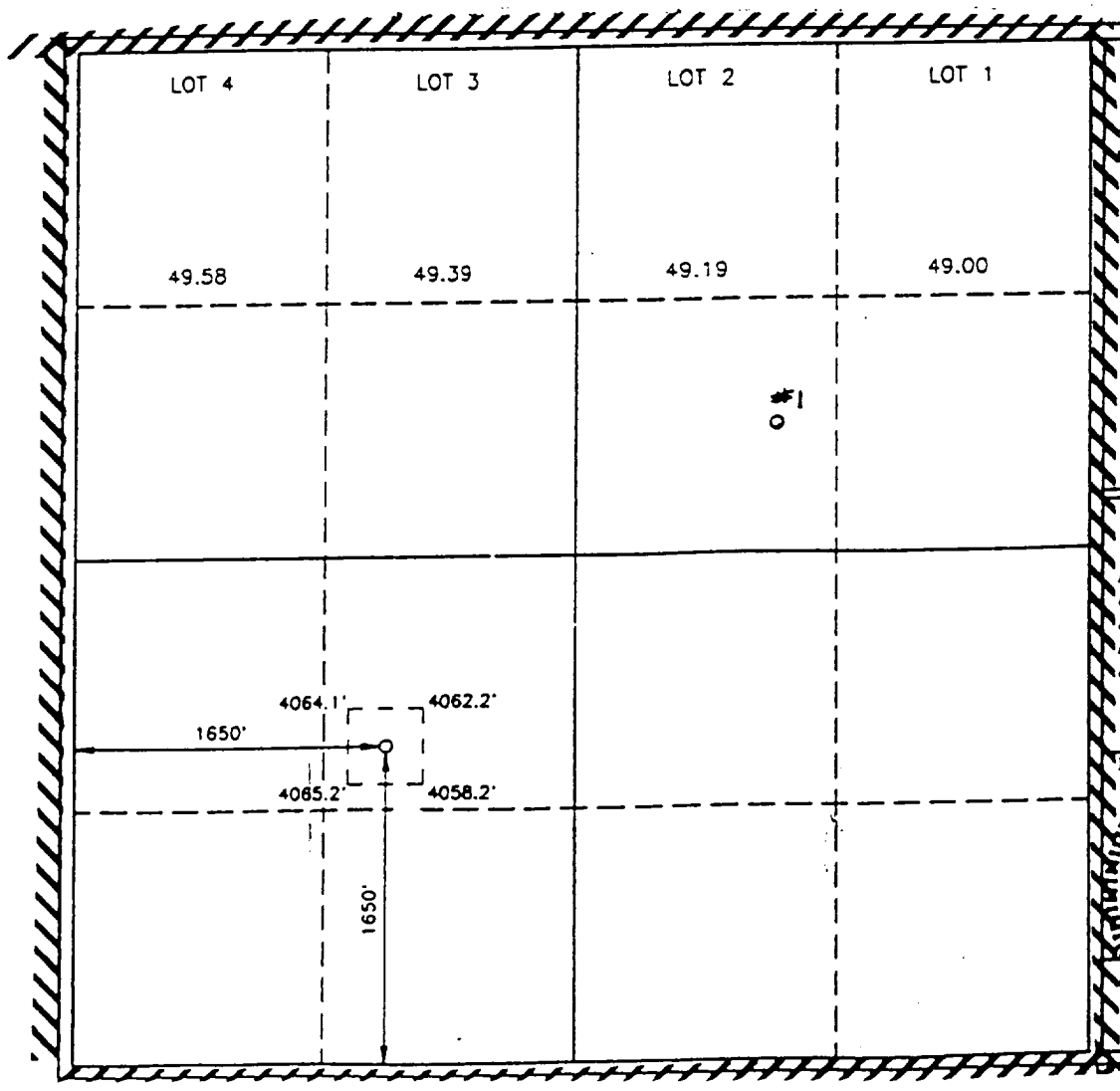
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	3	22S	23E		1650	SOUTH	1650	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
677			



OPERATOR CERTIFICATION

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

J. K. Ripley
Signature

J. K. RIPLEY
Printed Name

T.A.
Title

9/12/96
Date

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 supervison, and that the same is true and correct to the best of my belief.

JANUARY 30, 1995
Date Surveyed

Signature & Seal of Professional Surveyor

SAW

REGISTERED LAND SURVEYOR
RONALD J. EIDSON
No. 3239
STATE OF NEW MEXICO

12-07-95

W.O. Num. 95-11-0121

Certificate No. RONALD J. EIDSON 3239
GARY L. JONES 7977
NEW MEXICO WEST 676

D. CLASS III CHOKE MANIFOLD

The Class III choke manifold is suitable for Class III workovers and drilling operations. The Standard Class III choke manifold is shown in Figure 11J.8 below. Specific design features of the Class III manifold include:

1. The manifold is attached to a drilling spool or the top ram preventer side outlet.

2. The minimun internal diameter is 2" (nominal) for outlets, flanges, valves and lines.

3. Includes two steel gate valves in the choke line at the drilling spool outlet. The inside choke line valve may be remotely controlled (HCR).

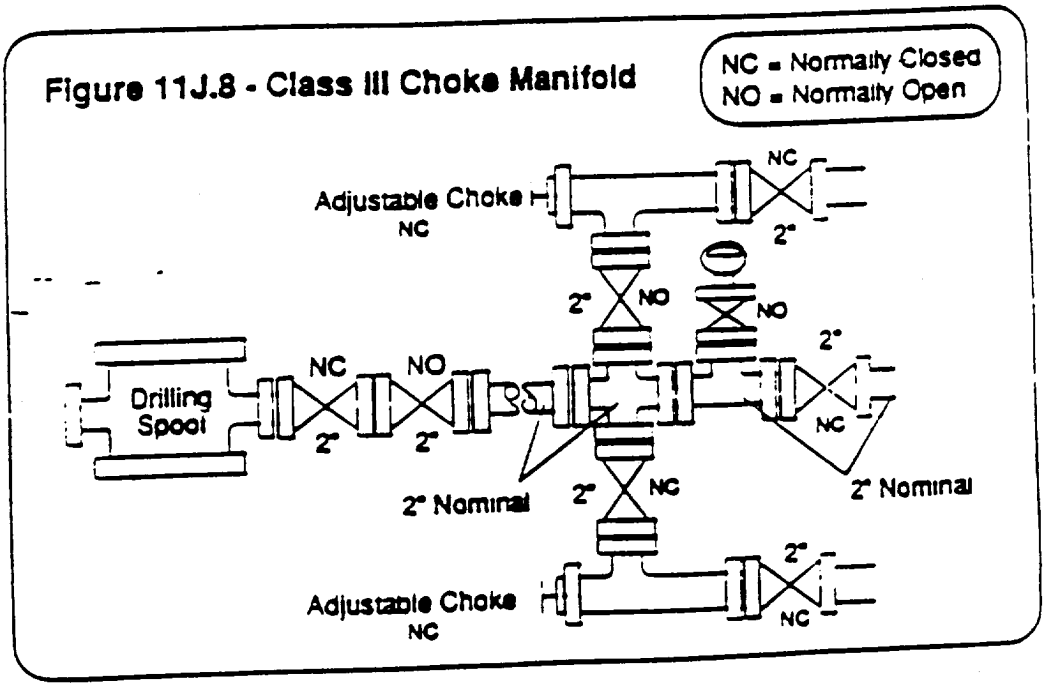
4. Includes two manually adjustable chokes which are installed on both side of the manifold cross. Steel isolation gate valves are installed between both chokes and the cross, and also downstream of both chokes.

5. Includes a blooey line which runs straight through the cross and is isolated by a steel gate valve.

6. Includes a valve isolated pressure gauge suitable for drilling service which can display the casing pressure within view of the choke operator.

7. Returns through the choke manifold must be divertible through a mud-gas seperator and then be routed to either the shale shaker or the reserve pit through a buffer tank or manifold arrangement.

8. If the choke manifold is remote from the wellhead, a third master valve should be installed immediately upstream of the manifold cross.



E. CLASS III BLOWOUT PREVENTER STACK:

The Class III preventer stack is designed for drilling or workover operations. It is composed of a single hydraulically operated annular preventer on top, then a blind ram preventer, a drilling spool, and a single pipe ram preventer on bottom. The choke and kill lines are installed onto the drilling spool and must have a minimum internal diameter of 2". All side outlets on the preventers or drilling spool must be flanged, studded, or clamped. An emergency kill line may be installed on the wellhead. A double ram preventer should only be used when space limitations make it necessary to remove the drilling spool. In these instances, the choke manifold should be connected to a flanged outlet between the preventer rams only. In this hookup, the pipe rams are considered master rams only, and cannot be used to routinely circulate out a kick. The Class III blowout preventer stack is shown to the right in Figure 11J.4.

Figure 11J.4
Class III Blowout Preventer Stack