

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)  
ARTICIA, NEW MEXICO

Form approved.  
Budget Bureau No. 1004-0138

Expires: December 31, 1991

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. 2585 NM-045272		
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A		
2. NAME OF OPERATOR CHEVRON U.S.A. INC. 4323			7. UNIT AGREEMENT NAME BOGLE FLATS UNIT		
3. ADDRESS AND TELEPHONE NO. P.O. BOX 1150, MIDLAND, TX 79702 ATTN: RORY MATTHEWS (915) 887-7812			8. FARM OR LEASE NAME, WELL NO. BOGLE FLATS UNIT GAS COM. #12 2587		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1880' FSL & 1750' FEL, UNIT J			9. API WELL NO. 30-015-28624		
At proposed prod. zone			10. FIELD AND POOL, OR WILDCAT INDIAN BASIN; UPPER PENN (PRO GAS)		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 18 MILES WEST OF CARLSBAD, NEW MEXICO			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 8, T22S, R23E		
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. 1750' (Also to nearest drig. unit line, if any)		16. NO. OF ACRES IN LEASE 640	17. NO. OF ACRES ASSIGNED TO THIS WELL 640		
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1752'		19. PROPOSED DEPTH 7648'	20. ROTARY OR CABLE TOOLS ROTARY		
21. ELEVATIONS (Show whether OF, RT, GR, etc.) GLE: 4183'			22. APPROX. DATE WORK WILL START ASAP		

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	48	260'	CIRCULATED
12 1/4"	K-55, 8 5/8" (53)	24	2300'	CIRCULATED
8 3/4"	K-55, 7"	15.50	7648'	CIRCULATED (TIE BACK INTO 8 5/8")

MUD PROGRAM: 0'-260' FRESH WATER SPUD MUD.

260'-2300' DRILLING WATER SPUD MUD FW-8.5 ppv  
2300'-7648' FRESH WATER & CUT BRINE 8.4-9.8

BOPE EQUIPMENT: 3000 PSI WORKING PRESSURE, SEE ATTACHED CHEVRON CLASS II BOP DRAWING.

RECEIVED

ARCHEOLOGICAL SURVEY WILL BE RUN FIRST WEEK IN AUGUST AND WILL BE FORWARDED.

AUG 28 1995

OIL CON. DIV.  
DIST. 2

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 [Signature] TITLE DRILLING TECHNICAL ASSISTANT DATE 7/27/95  
(This space for PROPOSER 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 [Signature] TITLE Area Manager DATE AUG 2 1995

\*See Instructions On Reverse Side

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS

ATTACHED

DATE AUG 2 1995

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.

DISTRICT I  
P.O. Box 1900, Hobbs, NM 88241-1900

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

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

OIL CONSERVATION DIVISION

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

Simultaneous Dedicated

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-015-28624</b>	Pool Code <b>79040</b>	Pool Name <b>Indian Basin; Upper Penn (Pro Gas)</b>
Property Code <b>002585</b>	Property Name <b>BOGLE FLATS UNIT</b>	Well Number <b>12</b>
OGRID No. <b>4323</b>	Operator Name <b>CHEVRON U.S.A. INC.</b>	Elevation <b>4183</b>

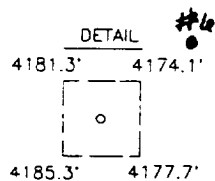
Surface Location

UL or lot No. <b>J</b>	Section <b>8</b>	Township <b>22 S</b>	Range <b>23 E</b>	Lot Idn	Feet from the <b>1880</b>	North/South line <b>SOUTH</b>	Feet from the <b>1750</b>	East/West line <b>EAST</b>	County <b>EDDY</b>
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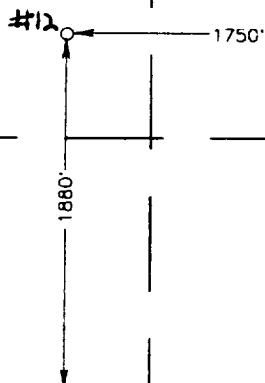
Bottom Hole Location If Different From Surface

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.					

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



SEE DETAIL



OPERATOR CERTIFICATION

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

*Wendi Kingston*  
Signature  
**Wendi Kingston**  
Printed Name  
**T.A.**  
Title  
**7/27/95**  
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  
supervision and that the same is true and  
correct to the best of my belief.

**JULY 5, 1995**  
Date Surveyed  
*James J. Eidson*  
Signature  
Professional Surveyor  
**NEW MEXICO**  
**334**  
**7-11-95**  
**150 N.M. 95-161073**  
Certified Professional Surveyor  
**676**  
**3239**  
**12641**

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

Simultaneous Dedicated

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

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

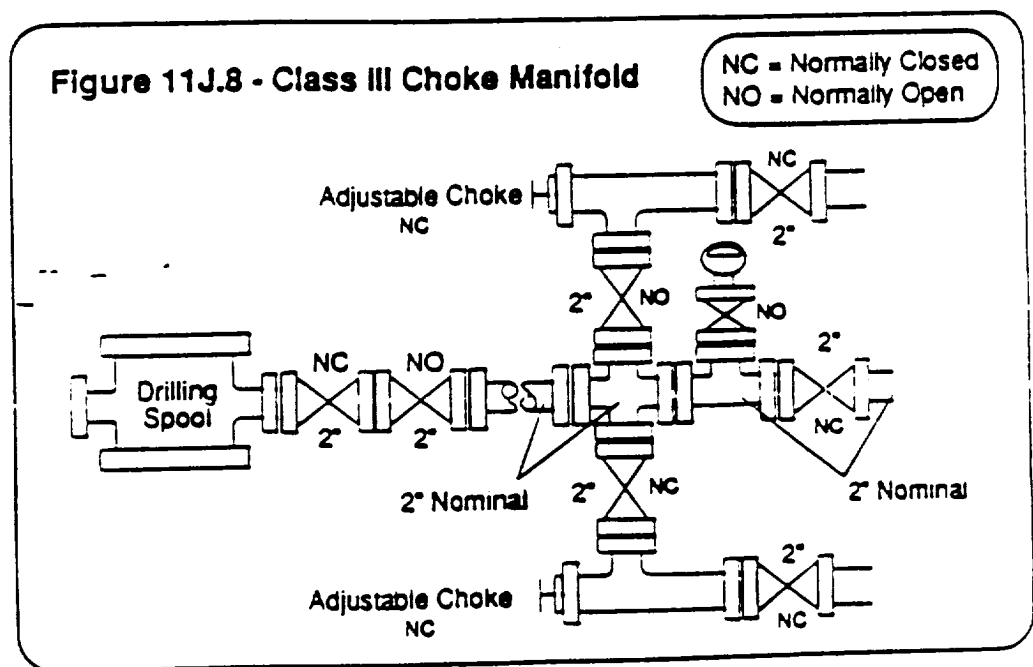
Operator <b>Chevron U.S.A. Inc.</b>		Lease <b>Bogle Flats Unit</b>		Well No. <b>6</b>
Unit Letter <b>G</b>	Section <b>8</b>	Township <b>22 S</b>	Range <b>23 E</b>	County <b>Eddy</b>
Actual Footage Location of Well: <b>1650</b> feet from the <b>North</b> line and <b>1650</b> feet from the <b>East</b> line				
Ground level Elev. <b>4198'</b>	Producing Formation	Pool <b>Indian Basin - Upper Penn (Pro Gas)</b>	Dedicated Acreage: <b>6.40</b> Acres	
<p>1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.</p> <p>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).</p> <p>3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.? <input type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes" type of consolidation _____</p> <p>If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary. _____)</p> <p>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 interest, has been approved by the Division.</p>				
<div><div><p>1650'</p><p>1750'</p><p>1880'</p><p>#6</p><p>1650'</p></div><div><p><b>OPERATOR CERTIFICATION</b></p><p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p><p><i>Wendi Kingston</i></p><p>Signature</p><p><b>Wendi Kingston</b></p><p>Printed Name</p><p><b>T.A.</b></p><p>Position</p><p><b>Chevron U.S.A. Inc.</b></p><p>Company</p><p><b>7/27/95</b></p><p>Date</p><p><b>SURVEYOR CERTIFICATION</b></p><p>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.</p><p>Date Surveyed</p><p>Signature &amp; Seal of Professional Surveyor</p><p>Certificate No.</p></div></div>				
0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0				

CHEVRON DRILLING REFERENCE SERIES  
VOLUME ELEVEN  
WELL CONTROL AND BLOWOUT PREVENTION

D. CLASS III CHOKE MANIFOLD

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

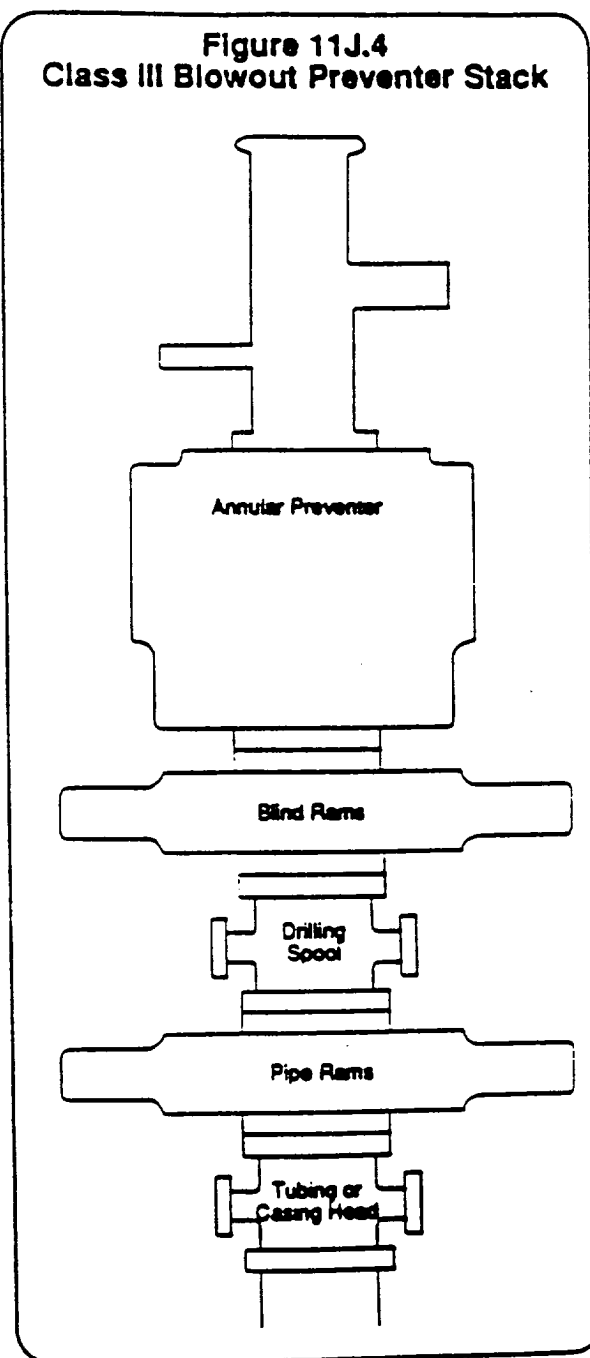
1. The manifold is attached to a drilling spool or the top ram preventer side outlet.
2. The minimum internal diameter is 2" (nominal) for outlets, flanges, valves and lines.
3. Includes two steel gate valves in the choke line at the drilling spool outlet. The inside choke line valve may be remotely controlled (HCR).
4. Includes two manually adjustable chokes which are installed on both side of the manifold cross. Steel isolation gate valves are installed between both chokes and the cross, and also downstream of both chokes.
5. Includes a bleed 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 separator 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**



Rev. 1/1/89

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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 deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT-" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of well  
☐ Oil ☒ Gas ☐ Other

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SEC. 8, T22S, R23E  
1880' FSL & 1750' FEL

5. Lease Designation and Serial No.  
NM-045272 **SSS**

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

7. If Unit or CA, Agreement Designation  
BOGLE FLATS UNIT

8. Well Name and No.  
BOGLE FLATS UNIT GAS COM. #12

9. API Well No.

10. Field and Pool, or Exploratory Area  
INDIAN BASIN

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
<input checked="" type="checkbox"/>	Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/>	Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/>	Final Abandonment Notice	<input type="checkbox"/> Plugging Back
		<input type="checkbox"/> Casing Repair
		<input type="checkbox"/> Altering Casing
		<input type="checkbox"/> Other DRILLING REPORT
		<input checked="" type="checkbox"/> Change of Plans
		<input type="checkbox"/> New Construction
		<input type="checkbox"/> Non-Routine Fracturing
		<input type="checkbox"/> Water Shut-Off
		<input type="checkbox"/> Conversion to Injection
		<input type="checkbox"/> 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 estimate 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.

BOTTOM HOLE TEMPERATURE = 125 degs.

BOTTOM HOLE PRESSURE AT TD = 1000 PSI.

THE ARCHAEOLOGICAL REPORT WILL BE SENT BY 8-17-95.

HS2 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. (THE ABOVE CSG. PROGRAM IS TENTATIVE AND MAY BE CHANGED.  
NOTICE WILL BE MADE TO THE BLM IF CHANGES ARE PLANNED.)  
PROPOSED LOGS WILL BE:  
COMP. NEUTRON/LITHODENSITY LOG, DUAL LATERAL/MSFL, DIGITAL SONIC, FORMATION MICROSCANNER

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

Signed Rory Matheson

Title DRILLING TECHNICAL ASSISTANT

Date 8/8/95

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_

Date \_\_\_\_\_

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

ACCEPTED FOR  
**SSS**  
AUG 21 1995