

Expires: December 31, 1991

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
NM OIL AND GAS COMMISSION  
Drawer DD  
Artesia, NM 88210

C/SF

## 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. NM-14124	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
2. NAME OF OPERATOR CHEVRON U.S.A. INC. 4323		7. UNIT AGREEMENT NAME N/A	
3. ADDRESS AND TELEPHONE NO. P.O. BOX 1150, MIDLAND, TX 79702 ATTN: RORY MATTHEWS (915) 687-7812		8. FARM OR LEASE NAME, WELL NO. MARQUARDT FEDERAL NO. 9 2679	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 660' FSL & 660' FWL At proposed prod. zone Unit M		9. API WELL NO. 30-015-28613	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 15 MILES SOUTH OF CARLSBAD, NEW MEXICO		10. FIELD AND POOL, OR WILDCAT UNDERSIGNED Group S	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. 660'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 1, T25S, R26E	
16. NO. OF ACRES IN LEASE 1280		12. COUNTY OR PARISH EDDY	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE NEW MEXICO	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		20. ROTARY OR CABLE TOOLS ROTARY	
21. ELEVATIONS (Show whether DF, RT, GR, ect.) GLE: 3306'		22. APPROX. DATE WORK WILL START* 07/20/95	

RECEIVED

AUG 17 1995

OIL CON. DIV.

DIST. 2

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	WC-50, 8 5/8", ST&C	23 #	SURFACE TO 250'	CIRCULATED TO SURFACE
7 7/8"	K-55, 5 1/2", LT&C	15.5 # & 17.0#	SURFACE TO 8700'	CIRCULATED TO SURFACE

CHEVRON USA PROPOSES TO DRILL TO APPROXIMATELY 8700' TO TEST THE WOLFCAMP FOR COMMERCIAL QUANTITIES OF OIL. IF WELL IS DEEMED TO NON-COMMERCIAL, THE WELLBORE WILL BE PLUGGED AND ABANDONED AS PER FEDERAL REGULATIONS. PROGRAMS TO ADHERE TO ONSHORE OIL AND GAS REGULATIONS ARE OUTLINED IN THE FOLLOWING EXHIBITS AND ATTACHMENTS.

## DRILLING PROGRAM:

Attached Subject to  
General Requirements and  
Special Stipulations  
Attached

## SURFACE USE AND OPERATING PLAN

EXHIBIT 1 & 1A	BLOWOUT PREVENTION EQUIPMENT	EXHIBIT 5	ROTARY RIG LAYOUT
EXHIBIT 2	LOCATION AND ELEVATION PLAT		
EXHIBIT 3	PLANNED ACCESS ROADS		
EXHIBIT 4	WELLS WITHIN ONE MILE RADIUS		

Application 8-15-96

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.

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SIGNED Rory Matthews TITLE DRILLING TECHNICAL ASSISTANT DATE 7/5/95

(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 [Signature] TITLE ASSISTANT AREA MANAGER DATE AUG 15 1995

\*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.

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-015-28613</b>	Pool Code <b>66202</b>	Pool Name <b>Eddy ; UNDESIGNATED, Group 5</b>
Property Code	Property Name <b>MARQUARDT FEDERAL</b>	Well Number <b>9</b>
OGRID No.	Operator Name <b>CHEVRON U.S.A. INC.</b>	Elevation <b>3306</b>

Surface Location

UL or lot No. <b>M</b>	Section <b>1</b>	Township <b>25 S</b>	Range <b>26 E</b>	Lot Idn	Feet from the <b>660</b>	North/South line <b>SOUTH</b>	Feet from the <b>660</b>	East/West line <b>WEST</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 <b>40</b>	Joint or Infill	Consolidation Code	Order No.						

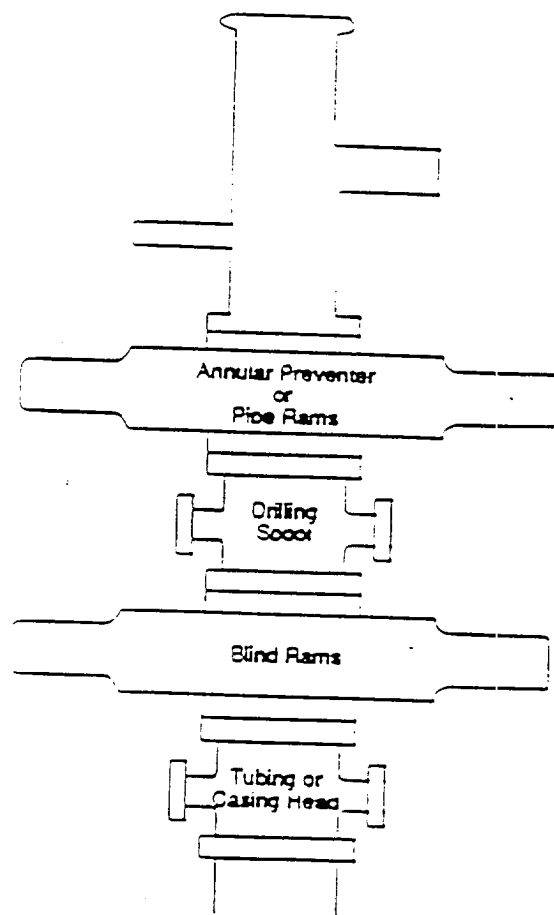
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

LOT 4  40.47 ACRES	LOT 3  40.35 ACRES	LOT 2  40.33 ACRES	LOT 1  40.32 ACRES	<b>OPERATOR CERTIFICATION</b>  I hereby certify the information contained herein is true and complete to the best of my knowledge and belief.  <u>P.R. Matthews</u> Signature  <u>P.R. MATTHEWS</u> Printed Name <u>DRILLING TECH.</u> Title <u>7-5-95</u> Date
<p>SEE DETAIL</p> <p>DETAIL</p> <p>3309.6' 3297.8'</p> <p>3311.3' 3299.6'</p> <p>660'</p>				<b>SURVEYOR CERTIFICATION</b>  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.  JUNE 1, 1995 Date Surveyed <u>Professional Surveyor</u> Signature & Seal of <u>W.O. EIDSON</u> Professional Surveyor NEW MEXICO 6-27-95 W.O. EIDSON 95-011-0838 Certificate No. 3239 J. EIDSON 12641

CHEVRON DRILLING REFERENCE SERIES  
VOLUME ELEVEN  
WELL CONTROL AND BLOWOUT PREVENTION

D. CLASS II-B BLOWOUT PREVENTER STACK:

Figure 11J.3  
Class II-B Blowout Preventer Stack



The Class II-B preventer stack is designed for drilling or workover operations. It is composed of a single hydraulically operated annular preventer on top, then a drilling spool, and a single blind ram preventer on bottom. In an alternate configuration, a single pipe ram preventer may be substituted for the annular preventer. The choke and kill lines are installed onto the drilling spool and must have a minimum internal diameter of 2". An emergency kill line may be installed on the wellhead. As the maximum anticipated surface pressure of this stack is less than 2000 psi, screwed connections may be used. All components must be of steel construction. The Class II-B blowout preventer stack is shown to the left in Figure 11J.3.

CHEVRON DRILLING REFERENCE SERIES  
VOLUME ELEVEN  
WELL CONTROL AND BLOWOUT PREVENTION

### C. CLASS II CHOKE MANIFOLD

The Class II choke manifold is suitable for all Class II workovers and drilling operations. The Class II choke manifold is shown below in Figure 11J.7. Specific design features of the Class II choke manifold include:

1. The manifold is attached to the tubing/casing head when a Class II-A preventer stack is used. This hook-up is only recommended for Class II workover operations.
  2. The manifold is attached to a drilling spool or top ram preventer side outlets when a Class II-B preventer stack is in use.
  3. The minimum internal diameter is 2" (nominal) for outlets, flanges, valves and lines.
  4. Includes two steel gate valves in the choke line at the wellhead/drilling spool outlet. The inside choke line valve may be remotely controlled (HCR).
  5. Includes one manually adjustable choke which is installed on the side of the manifold cross. Steel isolation gate valves are installed between the choke and the cross, and downstream of the choke.
  6. Includes one bleed line installed on the side of the manifold cross which is isolated by a steel gate valve.
  7. Includes a pressure gauge suitable for drilling service which can display the casing pressure within view of the choke operator.
8. Screwed connections may be used in lieu of flanges or clamps.

