

**NM OIL COMS. COMMISSION**  
**DRAWER**  
**ARTESIA, NM 88210**  
**UNITED STATES**

SUBMIT IN TRIPLICATE\*  
(Other instructions on

Form approved,  
Budget Bureau No. 1004-0136

Expires: December 31, 1991

**DEPARTMENT OF THE INTERIOR**  
**BUREAU OF LAND MANAGEMENT**

**APPLICATION FOR PERMIT TO DRILL OR DEEPEN**

a. TYPE OF WORK

DRILL



DEEPEN



b. TYPE OF WELL

OIL  
WELL



GAS  
WELL



OTHER

SINGLE  
ZONE



MULTIPLE  
ZONE



c. NAME OF OPERATOR

CHEVRON U.S.A. INC.

4323

d. ADDRESS AND TELEPHONE NO.

P.O. BOX 1150, MIDLAND, TX 79702

ATTN: RORY MATTHEWS (915) 687-7812

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

At surface 900' FWL & 990' FSL

wt. m

f. At proposed prod. zone

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

8 MILES NORTHEAST OF LOVING

h. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.

\*Also to nearest drg. unit line, if any

900'

i. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,

760'

OR APPLIED FOR, ON THIS LEASE, FT.

j. ELEVATIONS (Show whether DF, RT, GR, etc.)

GLE: 3025

k.

5. LEASE DESIGNATION AND SERIAL NO.

NM-18836-91078

SJS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME, WELL NO.

LENTINI 1 FEDERAL #13

15095

9. API WELL NO.

30-015-28228

10. FIELD AND POOL, OR WILDCAT

HERRADURA BEND EAST

3670

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

SEC. 1, T23S, R28E

12. COUNTY OR PARISH

EDDY

13. STATE

NEW MEXICO

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.

\*Also to nearest drg. unit line, if any

900'

16. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,

760'

OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE

800

17. NO. OF ACRES ASSIGNED

TO THIS WELL

40

19. PROPOSED DEPTH

7,000'

20. ROTARY OR CABLE TOOLS

ROTARY

22. APPROX. DATE WORK WILL START\*

ASAP

**PROPOSED CASING AND CEMENTING PROGRAM**

Secretary's Potenti

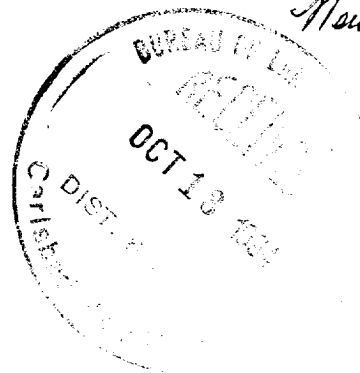
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	M-50, 8 5/8"	23 #	300'	CIRCULATED/
7 7/8"	K-55, 5 1/2"	15.5 #	7000'	CIRCULATED

MUD PROGRAM: 0'-300' FRESH WATER SPUD MUD.

300'-7000' BRINE WATER STARCH 10#.

BOPE EQUIPMENT: 2000 PSI WORKING PRESSURE, SEE ATTACHED CHEVRON CLASS II BOP DRAWING.

Post ID-1  
12-9-94  
New Loc + RFE



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 Rory Matthews TITLE DRILLING TECHNICAL ASSISTANT

DATE 10/10/94

(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 Isi Gilbert J. Lucas TITLE ASD

\*See Instructions On Reverse Side

DATE 11-18-94

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

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 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 Department

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
		HERRADURA BEND EAST
Property Code	Property Name	Well Number
	LENTINI 1 FEDERAL	13
OGRID No.	Operator Name	Elevation
	CHEVRON U.S.A. INC.	3025'

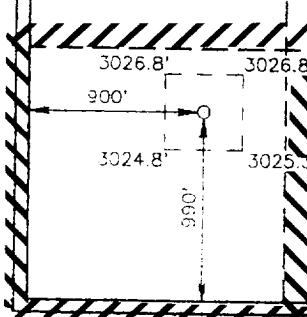

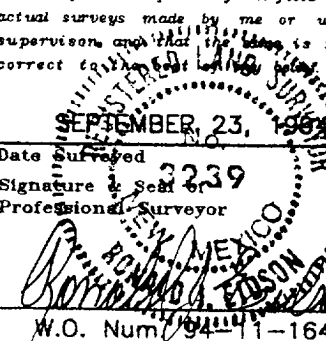
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	1	23S	28E		990	SOUTH	900	WEST	EDDY

<sup>11</sup> 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.						
40									

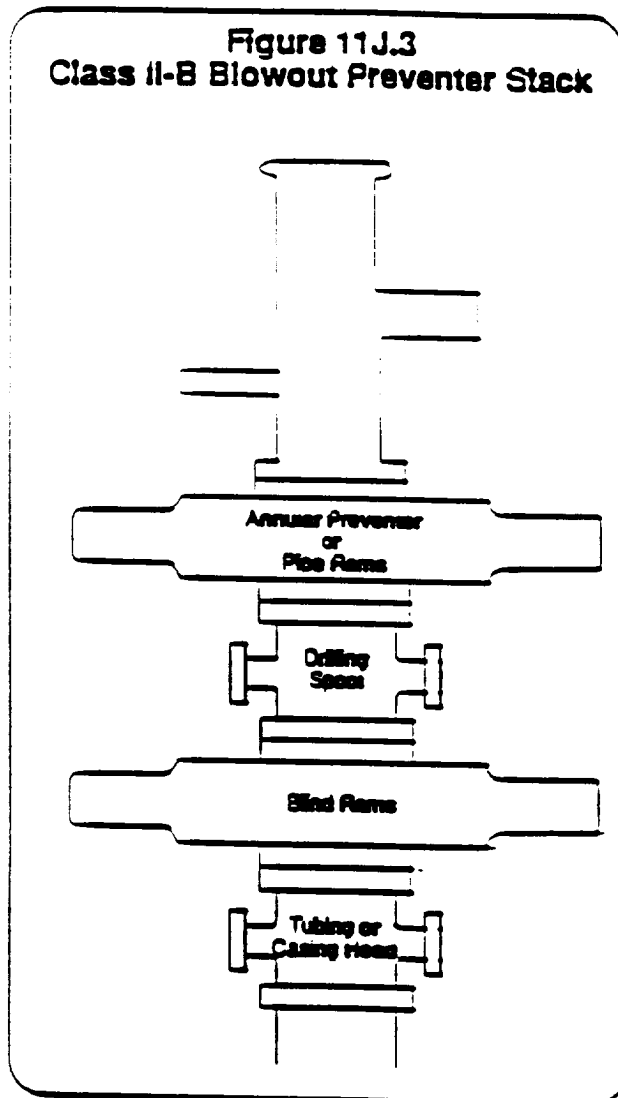
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

LOT 4	LOT 3	LOT 2	LOT 1
39.51	39.65	39.70	39.93
			
<b>OPERATOR CERTIFICATION</b>  I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.   Signature  P.R. Matthews Printed Name  Drilling Technical Asst. Title  10-3-94 Date			
<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.   Date Surveyed Signature & Seal of Professional Surveyor  W.O. Num 94-11-1642  Certificate No. JOHN W. WEST, 576 RONALD J. EIDSON, 3239			

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 at the bottom. In an alternate configuration, a single pipe ram preventer may be substituted for the annular preventer. The control and kill lines are installed onto the drilling spool and must have a minimum internal diameter of 2". An emergency kill line must be installed on the wellhead. As the maximum anticipated surface pressure on the 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 in detail in Figure 11J.3.

CHEVRON DRILLING REFERENCE SERIES  
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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.

