

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. NM-91078		
2. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input 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		
3. 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. LENTINI 1 FEDERAL #18 15095		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1040' FSL & 2310' FEL UNORTHOLX At proposed prod. zone Unit (O) LOCATION: 1040' FSL & 2310' FEL			9. API WELL NO. 30-015-28473		
4. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 8 MILES NORTHEAST OF LOVING			10. FIELD AND POOL, OR WILDCAT 30670		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. 2310'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA HERRADURA BEND EAST, Delaware		
16. NO. OF ACRES IN LEASE 800			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 OF, RT, GR, ect.) GLE: 3062'			22. APPROX. DATE WORK WILL START* ASAP		

PROPOSED CASING AND CEMENTING PROGRAM				Secretary's Potash
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 Post ID-1
7 7/8"	K-55, 5 1/2"	15.5 #	7000'	CIRCULATED 4-28-95
				When L&A & API

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.

RECEIVED

APR 20 1995

OIL & GAS COMMISSION
DIST. 2

Appendix B to
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.

SIGNED Rory Matthews TITLE DRILLING TECHNICAL ASSISTANT DATE 2/22/95

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 E/C. 1601 J. Lucero TITLE Acting State Director

*See Instructions On Reverse Side

DATE 4-10-95

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0126
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. PRODUCTION CO. INC.

3. Address and Telephone No.
P. O. Box 1150, Midland, TX 79702 (915) 687-7182 Attn: Reggie Holzer

4. Location of Well (Fortage, Sec., T., R., M., or Survey Description)
All Section 1-T23S-R28E, N.M.P.M.
N/2 N/2, Section 12-T23S-R28E, N.M.P.M.
Wells 1-16, 1-17, 1-22, 1-23, 1-24, 12-18, 12-19, 12-20, and 12-21

5. Lease Designation and Serial No.
NM-18038

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Lentini 1 Federal & Lentini 12 Federal

9. API Well No.

10. Field and Pool, or Exploratory Area
Herradura Bend East Field

11. County or Parish, State
Eddy, New Mexico

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

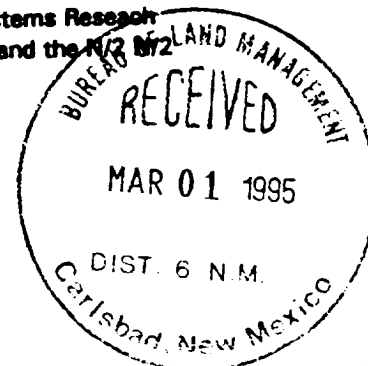
12	TYPE OF SUBMISSION	TYPE OF ACTION
	<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
	<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
	<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
		<input type="checkbox"/> Casing Repair
		<input type="checkbox"/> Altering Casing
		<input checked="" type="checkbox"/> Other Facility Construction
		<input type="checkbox"/> Change of Plans
		<input checked="" 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

(Water 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 is proposing to install additional surface facilities to support a new well drilling program in the subject field. The work described here is for wells 1-16, 1-17, 1-22, 1-23, 1-24, 12-18, 12-19, 12-20, and 12-21 (facility Sundry Notice for wells 1-1 through 1-5 was submitted 4-20-93, facility Sundry Notice for wells 1-6 through 1-12 was submitted 6-8-93 and facility Sundry Notice for wells 1-13 through 1-15 was submitted 10-10-94). The proposed construction activities are expected to commence April 15, 1995 and be completed in six months. A complete list of the construction activities are included in Attachment #1 along with plats showing the routing of pipelines, powerlines, and roads.

All construction activities will be performed outside the boundaries of cultural resource sites identified in the report prepared by Human Systems Research Corporation, Project No. HSR 9308, dated April 1993, which covers the North half of Section 1, including wells 1-1 through 1-12. A new report prepared by Human Systems Research Corporation, Project No. HSR 9418, dated August 1994, covers the remaining S/2 of Section 1 and the N/2 S/2 of Section 12.



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

Signed R. A. Holzer

Title Sr. Facilities Engineer

Date 2-28-95

(This space for Federal or State office use)

Approved by Albert J. Lucero

Title Acting STATE Director

Date 4-10-95

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 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 30-015-28473	Pool Code 30670	Pool Name HERRADUERA BEND EAST
Property Code	Property Name LENTINI 1 FEDERAL	Well Number 16
OGRID No.	Operator Name CHEVRON U.S.A. INC.	Elevation 3062

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	1	23 S	28 E		1040	SOUTH	2310	EAST	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.						

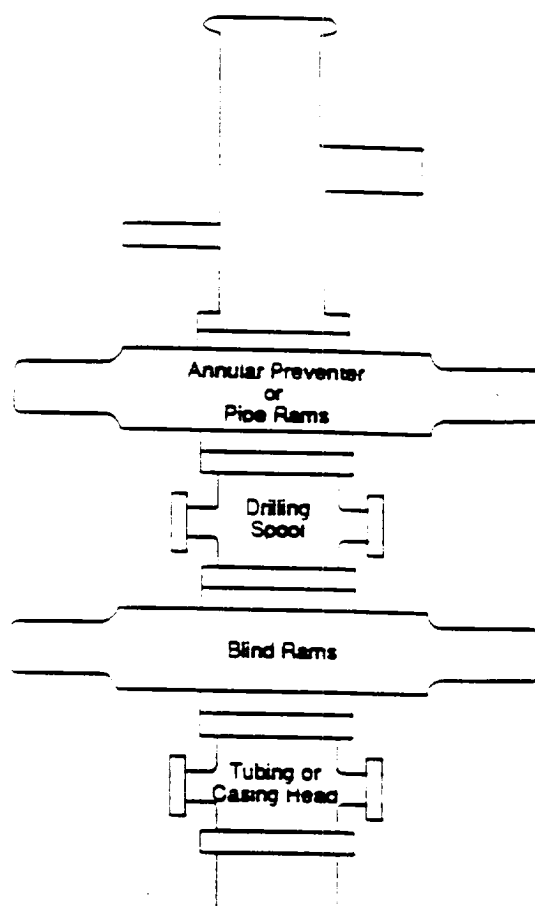
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

LOT 4 39.51 AC.	LOT 3 39.65 AC.	LOT 2 39.70 AC.	LOT 1 39.93 AC.
OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. R. Matthews Signature R. MATTHEWS Printed Name DRILLING TECH. Title 2-28-95 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. FEBRUARY 16, 1995 Date Surveyed GGE Signature & Seal of Professional Surveyor W.O. Num. 95-11-1210 Certificate No. JOHN W. WEST, 576 RONALD J. EIDSON, 3239 GARY G. 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.

