


## APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		6. If Indian, Allottee or Tribe Name N/A	
1b. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		7. Unit or CA Agreement Name and No. 29746	
2. Name of Operator Chevron U.S.A., Inc. 4323		8. Lease Name and Well No. NEFF 13 FEDERAL #16	
3a. Address 15 Smith Road, Midland Texas 79705		9. API Well No. 30-015-32761	
3b. Phone No. (include area code) (915) 687-7375		10. Field and Pool, or Exploratory LIVINGSTON RIDGE DELAWARE	
4. Location of Well (Report location clearly and in accordance with any State requirements)* At surface 740' FNL. & 990' FEL UNIT A At proposed prod. zone SAME		11. Sec., T., R., M., or Blk. and Survey or Area SEC 13, T-22S, R-31E	
14. Distance in miles and direction from nearest town or post office* 29 Miles East of Carlsbad, NM		12. County or Parish EDDY	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drg. unit line, if any) 740'		13. State NM	
16. No. of Acres in lease 1120		17. Spacing Unit dedicated to this well 40	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.		19. Proposed Depth 8600'	
20. BLM/BIA Bond No. on file		21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3603'	
22. Approximate date work will start* 4-15-03		23. Estimated duration 4 WEEKS	

24. Attachments **Carlsbad Controlled Water Basin**

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- |   |  |
|---|--|
| 1. Well plat certified by a registered surveyor.  | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).    |
| 2. A Drilling Plan  | 5. Operator certification.   |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) DENISE PINKERTON	Date 01-20-03
Title		

REGULATORY SPECIALIST

Approved by (Signautre)	Name (Printed/Typed)	Date
<u>IS/ CARSTEN F. GOFF</u>	<u>IS/ CARSTEN F. GOFF</u>	<u>APR 17 2003</u>
Title	Office	

FOR: STATE DIRECTOR

**NM STATE OFFICE**

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, are attached.

APPROVAL FOR 1 YEAR

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

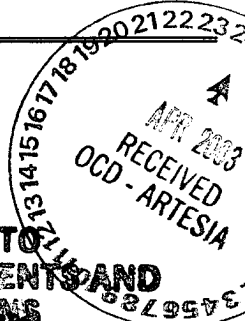
*\*(Instructions on Reverse)*

## Secretary's Petash

CEMENT BEHIND THE 8 3/8"  
CASING MUST BE CIRCULATED

DECLARED WATER BASIN  
CEMENT BEHIND THE 133 1/2"  
CASING MUST BE CIRCULATED

**APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED**



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

OIL CONSERVATION DIVISION

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name <i>Livingston Ridge Wilanue</i>
Property Code	Property Name NEFF 13 FEDERAL	Well Number 16
OGRID No. 4323	Operator Name Chevron U.S.A. INC.	Elevation 3603'

Surface Location

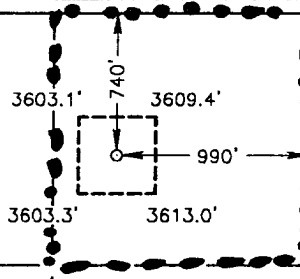
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	13	22-S	31-E		740'	NORTH	990'	EAST	EDDY

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
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Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
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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

	<b>OPERATOR CERTIFICATION</b>  I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.  <i>Denise Leake</i> Signature Denise Leake Printed Name Regulatory Specialist Title 01-20 '03 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 to the best of my belief.  NOVEMBER 18, 2002 Date Surveyed Signature & Seal of Professional Surveyor <i>Ronald J. Eidson</i> 11/19/02 02110872 Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12641

GEODETIC COORDINATES  
NAD 27 NME  
Y = 508530.5  
X = 687562.2  
LAT. = 32°23'47.76"N  
LONG. = 103°43'32.37"W

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM 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.

P. O. BOX 1150, MIDLAND, TX 79705

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Section 13, T22S - R31E

5. Lease Designation and Serial No.

NM 29233

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Neff 13 Federal #16

9. API Well No.

10. Field and Pool, or Exploratory Area

Livingston Ridge Delaware

11. County or Parish, State

Eddy County, NM

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

**12 TYPE OF SUBMISSION**

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

**TYPE OF ACTION**

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other

☐ Change of Plans

☒ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ 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 USA Inc. submits for your approval the installation of a new flow line and electric power line to the subject well per the attached plat. The flow line will be 2 7/8" steel installed on the surface and within 10 feet of the caliche lease road. The flow line will be installed parallel the lease road and be connected to an existing pipeline already installed in the road bore conductor on County Road 798 just South of the proposed well. The new flow line will then be installed to the existing battery located in Unit letter H, Section 13 parallel to the surface flow lines previously installed and cleared by Archaeological Survey Consultants (PAC No. 96046) in 1996. The pipeline will operate at 75 psig.

The power line for the proposed well will be connected to the existing power line that is installed between the Neff 13 Federal #4 and #11 wells and was cleared by in 1990. After connecting to the existing power line, the new power line will be installed parallel to the lease road and routed to the proposed well. The electric line will operate at 12,470 volts and will be constructed using raptor proof techniques.

All new construction activities will be done within the corridor surveyed and cleared by Mesa Field Services, report number MFS-774, by Archaeological Survey Consultants, report PAC No. 96046 or by the survey conducted in 1990.

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

Signed JOE G. LARA

Title SR. FACIL. ENGR

Date January 30, 2003

(This space for Federal or State office use)

Approved by JOE G. LARA

Title PETROLEUM ENGINEER

Date APR 08 2003

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

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WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name <i>Livingston Ridge Delaware</i>
Property Code	Property Name <b>NEFF 13 FEDERAL</b>	Well Number <b>16</b>
OGRID No. <b>4323</b>	Operator Name <b>Chevron U.S.A. INC.</b>	Elevation <b>3603'</b>

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	13	22-S	31-E		740'	NORTH	990'	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.
40			

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OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

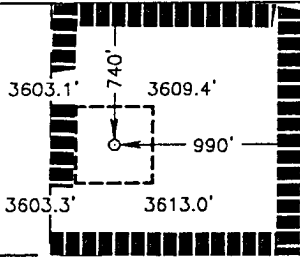
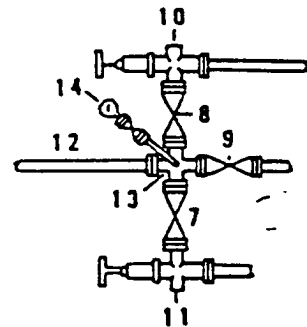
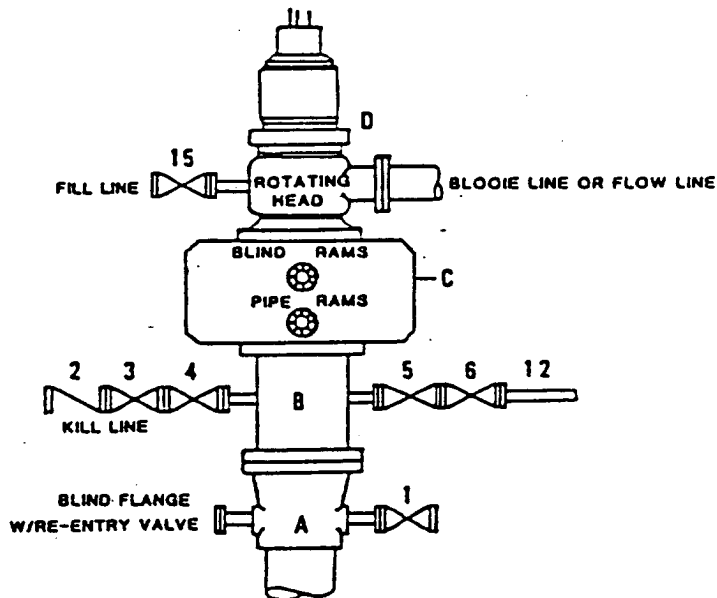
	<b>OPERATOR CERTIFICATION</b>  I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.  <i>Denise Pinkerton</i> Signature <b>Denise Pinkerton</b> Printed Name <b>Regulatory Specialist</b> Title <b>01-20 03</b> Date
	<b>SURVEYOR CERTIFICATION</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 to the best of my belief.  <b>NOVEMBER 18, 2002</b> Date Surveyed <b>AWB</b> Signature & Seal of Professional Surveyor <i>Ronald J. Eidson</i> <b>02-11-0872</b>
	<b>GEODETIC COORDINATES</b>  NAD 27 NME Y = 508530.5 X = 687562.2 LAT. = 32°23'47.76"N LONG. = 103°43'32.37"W
	Certificate No. <b>RONALD J. EIDSON 3239</b> <b>GARY EIDSON 12841</b>

EXHIBIT "C"

**DRILLING CONTROL  
CONDITION II-B 3000 WP  
FOR AIR DRILLING OR  
WHERE NITROGEN OR AIR BLOWS ARE EXPECTED**

H<sub>2</sub>S TRIM REQUIRED  
YES \_\_\_\_\_ NO X



**DRILLING CONTROL**

**MATERIAL LIST - CONDITION II - B**

- |                |   |
|----------------|---|
| A              | Texaco Wellhead   |
| B              | 3000# W.P. drilling spool with a 2" minimum flanged outlet for kill line and 3" minimum flanged outlet for choke line.  |
| C              | 3000# W.P. Dual ram type preventer, hydraulic operated with 1" steel, 3000# W.P. control lines (where sub-structure height is adequate, 2 - 3000# W.P. single ram type preventers may be utilized). |
| D              | Rotating Head with fill up outlet and extended Blooe Line.  |
| 1,3,4,<br>7,8, | 2" minimum 3000# W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve.   |
| 2              | 2" minimum 3000# W.P. back pressure valve.  |
| 5,6,9          | 3" minimum 3000# W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve.   |
| 12             | 3" minimum schedule 80, Grade "B", seamless line pipe.  |
| 13             | 2" minimum x 3" minimum 3000# W.P. flanged cross.   |
| 10,11          | 2" minimum 3000# W.P. adjustable choke bodies.  |
| 14             | Cameron Mud Gauge or equivalent ( location optional in choke line).   |
| 15             | 2" minimum 3000# W.P. flanged or threaded full opening steel gate valve, or Halliburton Lo Torc Plug valve.   |



TEXACO, INC.  
MIDLAND DIVISION  
MIDLAND, TEXAS



SCALE	DATE	EST. NO.	DRG. NO.
DRAWN BY			
CHECKED BY			
APPROVED BY			

EXHIBIT C