

UNITED STATES N. M. Oil Conservation  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
ARTESIA, NM 88210-2834Form approved. *dsf*

## APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK: DRILL ☒ DEEPEN ☐

b. TYPE OF WELL:

OIL WELL ☐GAS WELL ☒Other ☐SINGLE ZONE ☐MULTIPLE ZONE ☐

2. NAME OF OPERATOR

DEVON ENERGY CORPORATION (NEVADA)

3. ADDRESS AND TELEPHONE NO.

20 N. BROADWAY, SUITE 1500, OKC, OK 73102 (405) 235-3611

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

At surface 1957' FNL &amp; 1650' FEL, Unit G, Section 30-T17S-R27E, Eddy Cnty, NM

At top proposed prod. zone (same)

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

Approximately 7 miles southeast of Artesia, New Mexico

15. DISTANCE FROM PROPOSED

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

660'

16. NO. OF ACRES IN LEASE

160.00

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

9,600'

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

GL 3347'

5. LEASE DESIGNATION AND SERIAL NO.

NM-NM025528

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME, WELL NO.

LOGAN DRAW "30G" FEDERAL COM. #1

9. API WELL NO.

30-015-30712

10. FIELD AND POOL, OR WILDCAT

Logan Draw (Morrow) 80400

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

Unit G

Section 30, T17S, R27E

12. COUNTY OR PARISH

Eddy County

13. STATE

New Mexico

15. DISTANCE FROM PROPOSED

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

660'

16. NO. OF ACRES IN LEASE

160.00

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

9,600'

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

GL 3347'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

319.57

20. ROTARY OR CABLE TOOLS\*

Rotary

22. APPROX. DATE WORK WILL START\*

August 15, 1999

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	14"	Conductor	40'	Redimix
12 1/4"	J-55 8 5/8"	32.0	1,550'	700 sx (est TOC @ surface)
7 7/8"	J-55 & L-80 5 1/2"	15.5 & 17	9,600'	1100 sx (est TOC @ 1,450')

Devon Energy proposes to drill a Morrow gas well to ETD 9,600' for commercial quantities of gas. If the well is deemed noncommercial, the well bore will be plugged and abandoned per Federal regulations. Programs to adhere to onshore oil and gas regulations are outlined in the following exhibits and attachments.

## Drilling Program

Surface Use and Operating Plan

Exhibits #1 = Blowout Prevention Equipment

Exhibit #2 = Location and Elevation Plat

Exhibits #3 = Road Map and Topo Map

Exhibit #4 = Wells Within 1 Mile Radius

Exhibits #5 = Production Facilities Plat

Exhibit #6 = Rotary Rig Layout

Exhibit #7 = Casing Design

H<sub>2</sub>S Operating Plan

The undersigned accepts all applicable terms, conditions, stipulations and restrictions concerning operations conducted on the leased land or portions thereof, as described below

Lease #: NM-NM025528

Legal Description: Section 30-T17S-R27E, Eddy Cnty, NM

Bond Coverage: Nationwide

BLM Bond #: CO-1104

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM. If proposal is to deepen, give data on present productive zone and proposed new productive 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

*E. L. Buttross Jr.*

TITLE

E.L. Buttross, Jr.

District Engineer

DATE

June 29, 1999

\*(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:

/S/LARRY D. BRAY

Acting

Assistant Field Office Manager.  
Lands and Minerals

APPROVED BY \_\_\_\_\_

TITLE

See Instructions On Reverse Side

DATE

JUL 29 1999

A  
JUN 29 1988  
ALBUQUERQUE, NM

RECEIVED  
JUN 30 1988  
BLM  
ROSWELL, NM

**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, NM 87507-2088

State of New Mexico  
Energy, Minerals, and Natural Resources Department

**OIL CONSERVATION DIVISION**  
P. O. Box 2088  
Santa Fe, New Mexico 87504-2088

Exhibit #2  
Form C-102  
Revised 02-10-94

Instructions on back

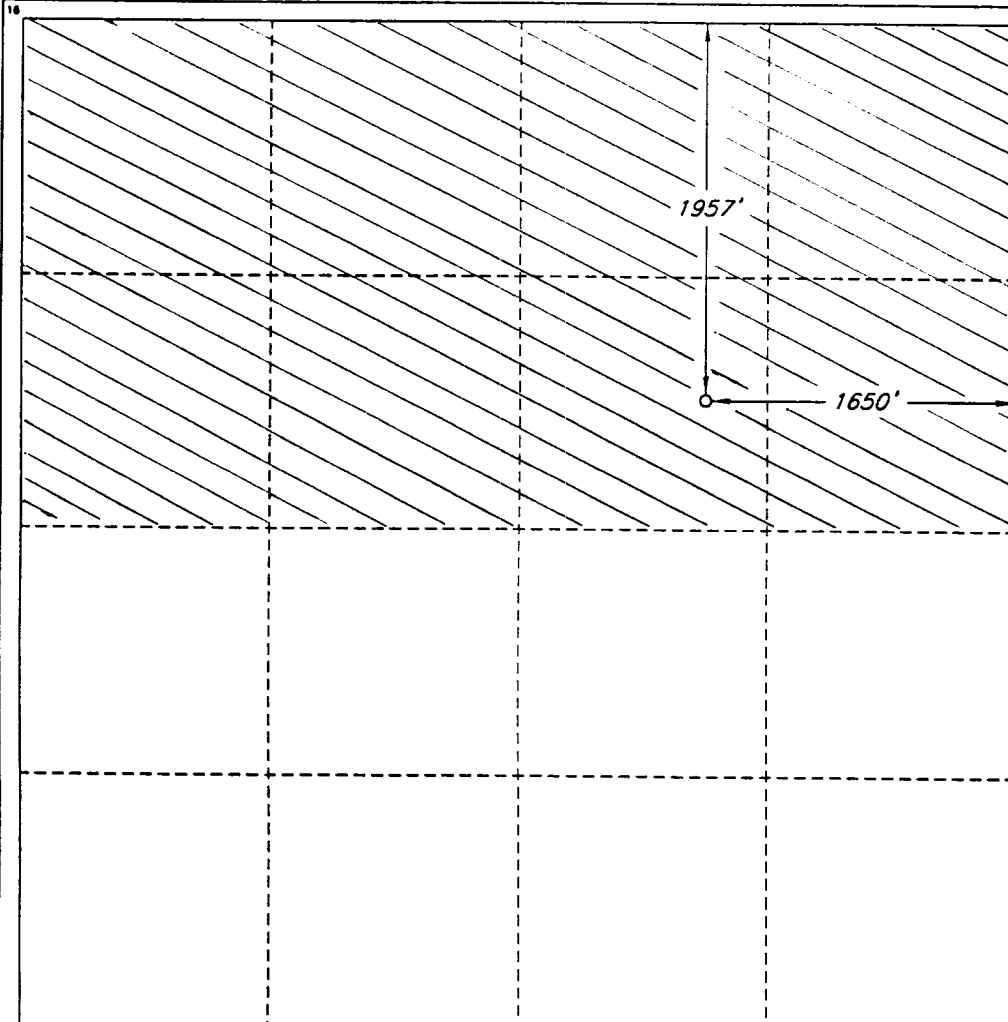
Submit to the Appropriate  
District Office  
State Lease - 4 copies  
Fee Lease - 3 copies

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1 API Number		2 Pool Code		3 Pool Name Logan Draw (Morrow)					
4 Property Code		5 Property Name LOGAN DRAW 30G FEDERAL COM.						6 Well Number 1	
7 OGRID No. 6137		8 Operator Name DEVON ENERGY CORPORATION (NEVADA)						9 Elevation 3347'	
10 SURFACE LOCATION									
UL or lot no. G	Section 30	Township 17 SOUTH	Range 27 EAST, N.M.P.M.	Lot Ida	Feet from the 1957'	North/South line NORTH	Feet from the 1650'	East/West line EAST	County EDDY
11 BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE									
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres 319.57		13 Joint or Infill		14 Consolidation Code		15 Order No.			

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



**OPERATOR CERTIFICATION**

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

Signature  
*E. L. Buttross, Jr.*

Printed Name  
E.L. Buttross, Jr.

Title  
District Engineer

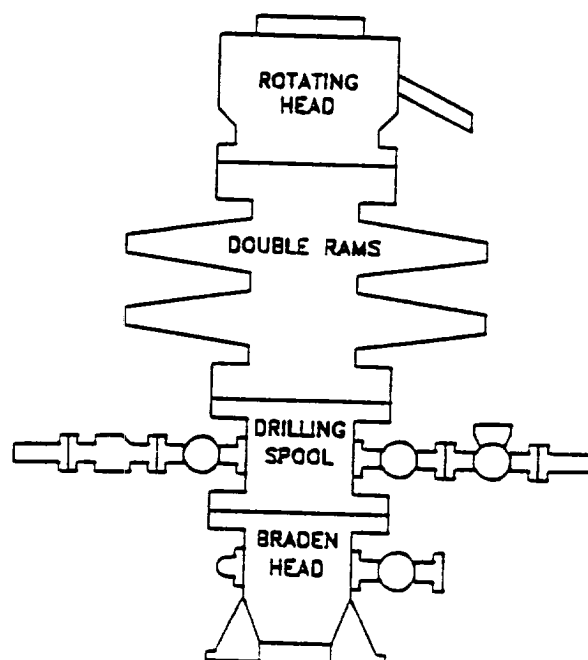
Date  
June 28, 1999

**SURVEYOR CERTIFICATION**

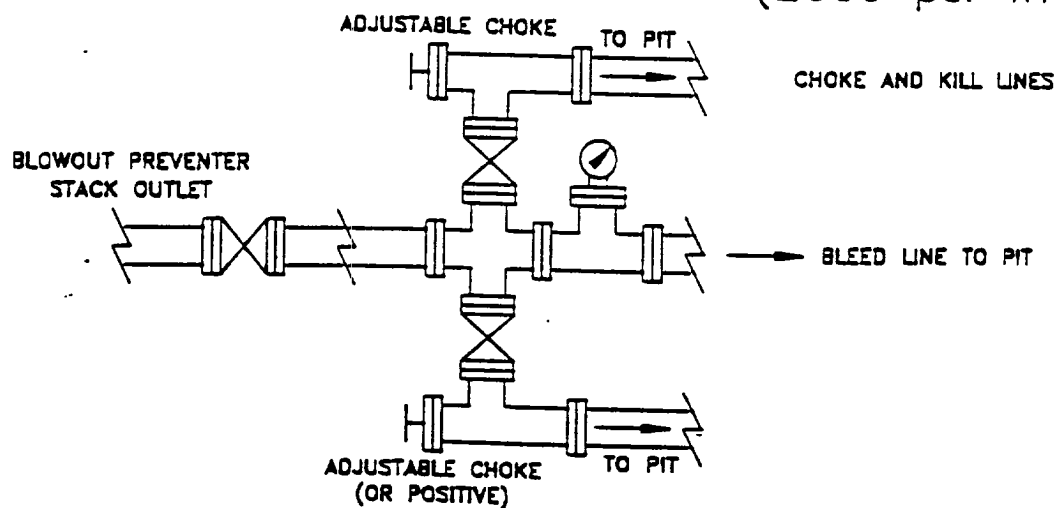
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey  
JUNE 21, 1999

Signature and Seal of Professional Surveyor  
*ROGER M. ROBBINS*  
NEW MEXICO  
REGISTERED  
12128  
Certification No.  
ROGER M. ROBBINS #12128



# CHOKE MANIFOLD REQUIREMENT (2000 psi WP)



**devon**

**WEST RED LAKE AREA**

CHRY COUNTY, NEW MEXICO

**BLOWOUT PREVENTOR**

(2000 PSI WORKING WP)

G:\PROJECTS\EXPANDED

WRLBOP	

Attachment to Exhibit #1  
NOTES REGARDING BLOWOUT PREVENTERS  
Devon Energy Corporation (Nevada)  
LOGAN DRAW "30G" FEDERAL COM. #1  
1957' FNL & 1650' FEL, Unit G, Section 30-T17S-R27E  
Eddy County, New Mexico

1. Drilling nipple will be constructed so it can be removed mechanically without the aid of a welder. The minimum internal diameter will equal BOP bore.
2. Wear ring will be properly installed in head.
3. Blowout preventer and all associated fittings will be in operable condition to withstand a minimum 3000 psi working pressure.
4. All fittings will be flanged.
5. A full bore safety valve tested to a minimum 3000 psi WP with proper thread connections will be available on the rotary rig floor at all times.
6. All choke lines will be anchored to prevent movement.
7. All BOP equipment will be equal to or larger in bore than the internal diameter of the last casing string.
8. Will maintain a kelly cock attached to the kelly.
9. Hand wheels and wrenches will be properly installed and tested for safe operation.
10. Hydraulic floor control for blowout preventer will be located as near in proximity to driller's controls as possible.
11. All BOP equipment will meet API standards and include a minimum 40 gallon accumulator having two independent means of power to initiate closing operation.