

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
ARTESIA, NM 80210-2834

SUBMIT IN TRIPLICATE\*

Form approved.

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK: DRILL ☒ DEEPEN ☐

b. TYPE OF WELL:

OIL WELL ☐ GAS WELL ☐ Other SWD 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 225' FSL & 1650' FSL, Lot 18, Section 30-R21S-R24E, Eddy Cnty, NM

At top proposed prod. zone

(SAME)

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

24 miles nw of Carlsbad, NM

15. DISTANCE FROM PROPOSED

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line if any)

225'

16. NO. OF ACRES IN LEASE

337.11

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

1487'

19. PROPOSED DEPTH

11,400'

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

GL 3763'

5. LEASE DESIGNATION AND SERIAL NO.

NM-NM025235-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME, WELL NO.

MARTHA CREEK #4 SWD

9. API WELL NO.

30-015-30337

10. FIELD AND POOL, OR WILDCAT

SWD

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

Lot 18  
Section 30-T21S-R24E

12. COUNTY OR PARISH

Eddy County

13. STATE

New Mexico

15. DISTANCE FROM PROPOSED

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line if any)

225'

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11,400'

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

GL 3763'

22. APPROX. DATE WORK WILL START\*

August, 1998

23.

PROPOSED CASING AND CEMENT

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	H-40 13 3/8"	48	40'	Redimix to surface for conductor
12 1/4"	J-55 9 5/8"	32	1,500'	1000 lb Class C
8 3/4"	J-55 & L-80 7"	23 & 26 & 29	10,600'	1100 sx Class H

6 1/8"

open hole

to 11,400'

We plan to circulate cement to surface on the 9 5/8" casing string. The cement top will be brought to approximately 6,500' on the 7" casing string.

Devon Energy proposes to drill a Devonian salt water disposal well to 11,400'±. If the well is deemed uneconomical, 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 = Injection Facilities Plat

Exhibit #6 = Rotary Rig Layout

Exhibit #7 = Casing Design

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

Archaeological Services Clearance Report

NMOCD C108 Application for Authorization to Inject

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-NM025235-A

Legal Description: Section 30-T21S-R24E

Bond Coverage: Nationwide

BLM Bond #: CO-1104

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS

SUBJECT TO  
LIKE APPROVAL  
BY STATE

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.

24.

SIGNED

Candace R. Graham

Candace R. Graham

TITLE Engineering Technician

DATE May 11, 1998

Post ID-1  
7-17-98  
API & Loc

\*(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

(ORIG. SIGN.)

TITLE

Acting Asst Field Office

DATE

JUL 08 1998

See Instructions On Reverse Side