

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBM

LICATE*

(See other instructions on
reverse side)

Form approved.

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 1320' FSL & 2323' FWL, Lot 10, Section 20-21S-26E, Eddy Cnty, NM

At top proposed prod. zone 1650' FSL & 1980' FWL, Unit K, Section 20-21S-26E, Eddy Cnty, NM

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

Approximately 5 miles northwest of Carlsbad, New Mexico on US Hwy 285

15. DISTANCE FROM PROPOSED

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

1650' at BHL

(Also to nearest drilg. unit line if any)

18. DISTANCE FROM PROPOSED LOCATION*

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

16. NO. OF ACRES IN LEASE

320.00

19. PROPOSED DEPTH

11,300' TVD

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

GL 3349'

5. LEASE DESIGNATION AND SERIAL NO.

SHL & BHL: NM-NM84-B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME, WELL NO.

ARCO "20" FEDERAL COM. #2

9. API WELL NO.

30-015-

10. FIELD AND POOL, OR WILDCAT

AVALON (MORROW)

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

SHL: Lot 10, Section 20, T21S, R26E

BHL: Unit K, Section 20, T21S, R26E

12. COUNTY OR PARISH

Eddy County

13. STATE

New Mexico

17. NO. OF ACRES ASSIGNED

TO THIS WELL

320.00

20. ROTARY OR CABLE TOOLS*

Rotary

22. APPROX. DATE WORK WILL START*

January, 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"	H-40 13 3/8"	48	450'	437 sx (est TOC @ surface)
12 1/4"	J-55 9 5/8"	36	1,700'	718 sx (est TOC @ surface)
8 3/4"	J-55 & L-80 5 1/2"	15.5 & 17	11,300'	427 sx (est TOC @ 6,500')

We plan to circulate cement to surface on the 13 3/8" and 9 5/8" casing strings. The cement top will be brought to approximately 6,500' on the 5 1/2" casing string. Devon Energy proposes to drill a directional Morrow gas well to TVD 11,300'± for commercial quantities of gas. All depths assumed TVD unless otherwise qualified. 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

H₂S Operating Plan

Archeological clearance report

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-NM84-B

Legal Description: Section 20-T21S-R26E, Eddy Cnty, NM

Bond Coverage: Nationwide

BLM Bond #: CO-1104

Post ID-1
3-26-99
API & Loc

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

Candace R. Graham

Candace R. Graham

TITLE Engineering TechnicianDATE December 28, 1998

(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:

Acting Assistant Field Office Manager,
Lands and Minerals

APPROVED BY /s/ Gary A. Stephens

TITLE _____

DATE _____

See Instructions On Reverse Side

MAR 15 1999

RECEIVED

DEC 30 98

ELIM
ROSWELL, NM