

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NM OIL CONS. COMMISSION  
DRAWER DD  
ARTESIA, NM 88210  
RECEIVED

Form approved.  
Budget Bureau No. 1004-0136  
Expires: December 31, 1991

**APPLICATION FOR PERMIT TO DRILL OR DEEPEN**

**1a. TYPE OF WORK**

DRILL ☒

DEEPEN ☐

JUN 3 1 02 PM '93

**b. TYPE OF WELL**

OIL WELL ☒

GAS WELL ☐

OTHER ☐

SINGLE ZONE ☐

MULTIPLE ZONE ☐

**2. NAME OF OPERATOR**

Merit Energy Company

**3. ADDRESS AND TELEPHONE NO.**

12221 Merit Drive - Suite 500 - Dallas, TX 75251

Phone #(214)701-8377

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

At surface Unit N - Sec 5 T24S R31E

660' fsl and 1980' FWL - Eddy County, New Mexico  
At proposed prod. zone

Same As Above

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

21 miles East of Loving, NM

JUL 27 1993

**15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any)**

660 to West

**16. NO. OF ACRES IN Q. & D. TO THIS WELL**

1682.12

**17. NO. OF ACRES ASSIGNED TO THIS WELL**

40

**18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.**

1320' to North

**19. PROPOSED DEPTH**

8200'

**20. ROTARY OR CABLE TOOLS**

Rotary

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

3465' GR

Carlsbad Controlled Water Basin

**22. APPROX. DATE WORK WILL START\***

ASAP

**23.**

**PROPOSED CASING AND CEMENTING PROGRAM**

R-111-P Potash

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2	13 3/8	54.5	650	550 sacks / <b>CIRCULATE</b>
11	8 5/8	24 & 32#	4200	921 sacks /
7 7/8	5 1/2	15.5 & 17#	8200	783 sacks - <b>SEE STIPS.</b>

Merit Energy Company proposes to drill and test the Delaware and intermediate formations. Approximately 650', surface casing will be set and circulated to surface. Approximately 4200' of intermediate casing will be set and circulated to surface. If well is commercial, production casing will be run and cemented tying back into 8 5/8 intermediate casing, perforated and stimulated as needed for production.

Mud Program: FW to 650' brine to 4200', cut brine to 8200'.

BOPE Program: BOPE will be installed at the offset and tested daily for operational.

Approval Subject to  
General Requirements and  
Special Stipulations  
Attached

10-1  
7-10-93  
NL + API

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

*Russell White*

TITLE Production Supt.

DATE 6-7-93

(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

*Kathy Eaton*

TITLE

*Acty State Director*

DATE

7-16-93

\*See Instructions On Reverse Side