

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

DRAPER, AR  
ARTESIA, NM 88210

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 8 1 57 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 B - Sec 4 T24S R31E  
660' FNL and 1980' FEL - 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

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 660' to North

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1320' to South

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3409.7

23. PROPOSED CASING AND CEMENTING PROGRAM Secretary's Potash/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 CIRCULATE
11	8 5/8	24 & 32#	4200	921 sacks CIRCULATE
7 7/8	5 1/2	15.5 & 17#	8200	783 sacks (tieback)

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.

**Application Expired**

1-30-96  
30-015-27608

IO-1  
7-30-93  
ALCART

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 deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Russell Whitel TITLE Production Supt. DATE 6-8-93

(This space for Federal or State office use)

APPROVAL SUBJECT TO

PERMIT NO.

GENERAL REQUIREMENTS AND

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 if

CONDITIONS OF APPROVAL, IF ANY:

ATTACHED

APPROVED BY Kathy Lator TITLE Acty State Director DATE 7-20-93

\*See Instructions On Reverse Side

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.