

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on  
reverse side)

Form approved.  
Budget Bureau No. 1004-0136  
Expires August 31, 1985

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL  
WELL ☒

GAS  
WELL ☐

OTHER

SINGLE  
ZONE ☐

MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

MURPHY OPERATING CORPORATION

3. ADDRESS OF OPERATOR

Post Office Box 2648, Roswell, New Mexico 88202-2648

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

At surface

330' FSL, 775' FWL, Unit M

At proposed prod. zone

Same

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

16 miles south of Kenna

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

330

16. NO. OF ACRES IN LEASE

1401.68

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

875

19. PROPOSED DEPTH

4100

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

4230.0' GL

22. APPROX. DATE WORK WILL START\*

March 8, 1985

23.

PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH          | QUANTITY OF CEMENT            |
|--------------|----------------|-----------------|------------------------|-------------------------------|
| 12 1/4"      | 8 5/8"         | 24              | 1400' <i>200' slip</i> | 600 sx, circulated            |
| 7 7/8"       | 5 1/2"         | 15.5            | 4100'                  | 300 sx <i>to base of salt</i> |

The well will be drilled, cored, and logged for full evaluation of the San Andres Formation. If warranted, the pay zone will be selectively perforated and stimulated as needed for optimum production

Attached are:

1. Well location and Acreage Dedication Plat.
2. Supplemental Drilling Data.
3. Surface Use Plan.

MAR 13 1985

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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

*Mark B. Murphy*

TITLE Vice President, Production

DATE March 8, 1985

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

*SIPRI KIRK*

TITLE

DATE

3-21-85

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

RECEIVED

APR -2 1985

O.C.B.  
HOBBS OFFICE