

COPY

N. M. OIL CONS. COMMISSION

P. O. BOX 1980

HOBBS, NEW MEXICO 87401
SUBMIT IN TRIPPLI
(Other instructions on reverse side)

30-005-21035

Form 3160-3
(November 1983)
(formerly 9-331C)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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, 1650' FWL, Unit N
 At proposed prod. zone
 Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 16 miles south of Kenna

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 330

16. NO. OF ACRES IN LEASE 1401.68

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. 875

19. PROPOSED DEPTH 4100

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4230.0' GL

22. APPROX. DATE WORK WILL START*
 June 15, 1985

5. LEASE DESIGNATION AND SERIAL NO.
 NM-15678

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Ingram Federal

9. WELL NO.
 20

10. FIELD AND POOL OR WILDCAT DESIGNATION
 UNDESIGNATED

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 SE SW
 Section 9, T8S, R31E

12. COUNTY OR PARISH
 Chaves

13. STATE
 New Mexico

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>see special slips</i>	600 sx, circulated
7 7/8"	5 1/2"	15.5	4100'	300 sx

The well will be drilled 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:

- Well location and Acreage Dedication Plat.
- Supplemental Drilling Data.
- Surface Use Plan.



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 June 1, 1985
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY S/Phil Kirk TITLE Area Manager DATE 6-11-85
 CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

100

RECEIVED

JUN 17 1935