

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐		5. LEASE DESIGNATION AND SERIAL NO. LC 032511(2)
2. NAME OF OPERATOR Midland Natural Gas Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 1000 Miles Building Midland, Texas		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1650' FEL, 1650' FEL, Sec. 8, T-25S, R-37E		8. FARM OR LEASE NAME Langlie Federal
5. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 6 miles W of Dal, New Mexico		9. WELL NO. 3
10. FIELD AND POOL, OR WILDCAT Jalmat		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA T-25S, R-37E N.M.P.M.
12. COUNTY OR PARISH Lea		13. STATE New Mexico
16. NO. OF ACRES IN LEASE 160	17. NO. OF ACRES ASSIGNED TO THIS WELL 160 Acres	20. ROTARY OR CABLE TOOLS Rotary
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. N.A.	19. PROPOSED DEPTH 3150	22. APPROX. DATE WORK WILL START* October 20, 1966
21. ELEVATIONS (Show whether DT, RT, GR, etc.) 3163 GR.		

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
4 1/2"	3 5/8"	24#	300'	300 sacks
4 7/8"	5 1/2"	15.50#	2850'	150 sacks

It is proposed to make an open hole completion 2850' to 3150' in the Yates formation. The open hole section will be drilled using gas as a circulating medium in conjunction with a double gated blow out preventor as well as a rotating blow out preventor.

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 prevention data, if any.

SIGNED [Signature] TITLE Regional Petroleum Engineer DATE 10/17/66

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

APPROVED
OCT 20 1966
D. L. BROWN
DISTRICT ENGINEER

1. The purpose of this regulation is to provide for the proper handling of all documents, records, and information of the Federal Government, and to ensure that such documents, records, and information are properly stored, maintained, and disposed of in accordance with the Federal Records Administration Act, 44 U.S.C. 2101-2106, and the Federal Records Administration Regulations, 36 C.F.R. 125.1-125.10.

2. The purpose of this regulation is to provide for the proper handling of all documents, records, and information of the Federal Government, and to ensure that such documents, records, and information are properly stored, maintained, and disposed of in accordance with the Federal Records Administration Act, 44 U.S.C. 2101-2106, and the Federal Records Administration Regulations, 36 C.F.R. 125.1-125.10.

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Approved: _____

10-10-68