

Form 3160-3
(December 1990)

N.M. OIL CONS. DIVISION
P.O. BOX 1980
HOBBS, NEW MEXICO 88240
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICA
(Other instructions on
reverse side)

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

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐		5. LEASE DESIGNATION AND SERIAL NO. 8910089100 LC-032326-A <i>as per Angel S.</i>	
b. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		7. UNIT AGREEMENT NAME LANGLIE JACK UNIT	
2. NAME OF OPERATOR MCDONNOLD OPERATING, INC.		8. FARM OR LEASE NAME, WELL NO. LANGLIE JACK UNIT #19	
3. ADDRESS AND TELEPHONE NO. 505 N. BIG SPRING, SUITE 204, MIDLAND, TX 79701		9. API WELL NO.	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1330' FSL & 1460' FEL UNORTHODOX LOCATION: At proposed prod. zone SAME		10. FIELD AND POOL, OR WILDCAT LANGLIE MATTIX SEVEN	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 5.75 AIRMILES NORTHEAST OF JAL, NEW MEXICO		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA RIVERS QUEEN GRAYBURG SEC. 20, T24S, R37E	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 1000'	16. NO. OF ACRES IN LEASE 680	17. NO. OF ACRES ASSIGNED TO THIS WELL 20 40	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 500'	19. PROPOSED DEPTH 3900'	20. ROTARY OR CABLE TOOLS ROTARY	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3258' GR		22. APPROX. DATE WORK WILL START* JUNE 16, 1994	
23. Capitan Controlled Water Basin			

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	K-55 8 5/8"	24.0#	400'	275 SXS CIRCULATE
7 7/8"	K-55 5 1/2"	14.0#	3900'	875 SXS

WELL WILL BE DRILLED TO A TOTAL DEPTH OF 3900' AND ALL POTENTIAL ZONES WILL BE EVALUATED. IF COMMERCIAL PRODUCTION IS INDICATED, WELL WILL BE SELECTIVELY PERFORATED AND STIMULATED.

ATTACHED ARE:

1. WELL LOCATION AND DEDICATION PLAT
2. SUPPLEMENTAL DRILLING DATA
3. SURFACE USE PLAN
4. MAPS
5. SURFACE AGREEMENT
6. SKETCH BOP

OPER. OGRID NO. **14372**

PROPERTY NO. **14945**

POOL CODE **37240**

EFF. DATE **8/18/94**

TRAPING NO. **30-025-32641**

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 surface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED [Signature] TITLE **AGENT** DATE **5/26/94**

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 [Signature] TITLE **AREA MANAGER** DATE **7-28-94**

*See Instructions On Reverse Side

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 the jurisdiction of such department or agency.