

N. M. OIL CONS. COMMISSION
P. O. BOX 1000
HOBBS, NEW MEXICO 88240SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1425.UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | | | | |
|---|--|--|--|--|
| 1. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> | | | 5. LEASE DESIGNATION AND SERIAL NO. NM-40450 | |
| 2. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> | | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME | |
| 3. NAME OF OPERATOR C. E. LaRue and B. N. Muncy, Jr. | | | 7. UNIT AGREEMENT NAME | |
| 4. ADDRESS OF OPERATOR P. O. Box 470, Artesia, New Mexico 88210 | | | 8. FARM OR LEASE NAME Walker Federal | |
| 5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1930' FSL and 660' FWL Section 5, T-18-S, R-32-E At proposed prod. zone | | | 9. WELL NO. 1 | |
| 6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 8 miles SW of Maljamar, New Mexico | | | 10. FIELD AND POOL OR WILDCAT Pearson - San Andres | |
| 7. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 660' | | | 11. SEC., T. R., M., OR BLK. AND SURVEY OR AREA Section 5, T-18-S, R-32-E | |
| 8. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1320' | | | 12. COUNTY OR PARISH Lea | |
| 9. ELEVATIONS (Show whether DF, RT, GR, etc.) 3842' GL | | | 13. STATE NM | |
| 10. NO. OF ACRES IN LEASE 40 | | | 14. NO. OF ACRES ASSIGNED TO THIS WELL 40 | |
| 11. PROPOSED DEPTH 5000' | | | 15. ROTARY OR CABLE TOOLS Rotary | |
| 16. APPROX. DATE WORK WILL START* April 1, 1984 | | | | |

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# | 1000' | 425 sacks circulated |
| 7 7/8" | 5 1/2" | 15# | 5000' | 600 sacks |

Propose to drill 12 1/4" hole to 1000', set 8 5/8" casing and circulate cement. Cameron 11" BOP 5000# will be tested with rams closed and surface pipe tested prior to drilling out. Drilling mud will be Freshwater Gel with viscosity of approximately 34. Logs will be Sidewall Neutron Porosity and Dual Laterolog Micro SFL. No testing will be done until after pipe has been cemented and well fractured. There have been no water flows, abnormal pressures, or H₂S encountered anywhere in this area at this depth.

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 [Signature] TITLE Operator DATE March 12, 1984

(This space for Federal or State office use)

PERMIT NO. [Signature] APPROVAL DATE _____APPROVED BY [Signature] AREA MANAGERCONDITIONS OF APPROVAL, IF ANY: _____ TITLE CARLSBADDATE 4-19-84
APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

*See Instructions On Reverse Side