Form 3160-3 (November 1983) SUBMIT IN F

CONS. COMMINOther instru ons on

30-015-26780 Form approved.

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

| (formerly 9-331C) | DEDADTME | NT OF THE I | ⊉ੂ NTEDI∧। | REC | CEIVED | , | Expires Augus | st 31, 1985 |
|---|----------------------|----------------------|----------------|---------------------------------------|------------------|-----------|-------------------------------|------------------|
| | DEFARIME | NT OF THE | ia MELLIGO | 210 | - | | 5. LEASE DESIGNATIO | N AND BERIAL NO. |
| | BUREAU | OF LAND MANA | GEMENT | JUN | 28 199 | 1 | NM-29233 | ` |
| APPLICATION | FOR PERMI | TO DRILL, I | DEEPEN, | OR PL | UG BA | CK | 6. IF INDIAN, ALLOTT | ER OR TRIBE NAME |
| 1a. TYPE OF WORK | | | | ARTE | CI UI | • | | - |
| DRIL | L 🛛 | DEEPEN | | PLU | ig. Batck | <u>`</u> | 7. UNIT AGREEMENT | NAME |
| b. TYPE OF WELL | | | | | | | | |
| OIL GAS | | | Single Zone | \boxtimes | MULTIPLE ZONE | | 8. FARM OR LEASE N | AME |
| 2. NAME OF OPERATOR | | | | | | | FEDERAL 12 | |
| | POGO F | RODUCING COM | IPANY 🖍 | | | | 9. WELL NO. | |
| 3. ADDRESS OF OPERATOR | | | . , , , , , | · · · · · · · · · · · · · · · · · · · | | | 2 | |
| | P.O. 8 | 30X 10340, M | IIDLAND, | TEXAS | 79702 | | 10. FIELD AND POOL, | OR WILDCAT |
| 4. LOCATION OF WELL (Rep. At surface | ort location clearly | and in accordance wi | th any State | requiremen | ts.•) | X | LIVINGSTON F | RIDGE DELAWARE |
| At surface | 10901 | FSL. AND 660' | EUI OE | SECTIO | N 12 | / | 11. SEC., T., R., M., OF | |
| At proposed prod. zone | 1900 | 13L. AND 000 | I WL OI | SECTIO | 14 12 | | AND SURVEY OR | ABEA |
| no proposes pros. some | | | | | | | SEC.12, T.2 | 2 S., R.31 E. |
| 14. DISTANCE IN MILES AT | D DIRECTION FROM | NEAREST TOWN OR POS | T OFFICE* | | ~ w | | 12. COUNTY OR PARIS | H 13. STATE |
| | 28 MII | ES EAST OF C | ARLSBAD, | NEW M | EXICO | | EDDY | NEW MEXICO |
| 15. DISTANCE FROM PROPOS LOCATION TO NEAREST | ED* | | 16. No. of | ACRES IN | LEASE | | OF ACRES ASSIGNED HIS WELL | |
| PROPERTY OR LEASE LIS (Also to nearest drig. | | 660' | | 1120 | | 10 11 | 40 | |
| 18. DISTANCE FROM PROPO TO NEAREST WELL, DRI | | | 19. PROPOSI | ED DEPTH | | 20. ROTA | RY OR CABLE TOOLS | |
| OR APPLIED FOR, ON THIS | | 1320' | | 8500' | | RO | TARY | |
| 21. ELEVATIONS (Show whet | her DF, RT, GR, etc. |) | | | | | 22. APPROX. DATE V | ORK WILL START |
| _ | | 3581.2' GR | | | | | UPON APPRO | VAL |
| 23. | | PROPOSED CASI | ING AND CE | MENTING | PROGRAM | Secret | ary's Potash/ | R-111-P Potes |

SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH QUANTITY OF CEMENT 17-1/2" 13-3/8" 54.5# 800' SUFFICIENT TO CIRCULATE 11" 8**-**5/8" SUFFICIENT TO CIRCULATE , 28#, 32# 4500' 7-7/8" 15.5# & 17# 8500' 1000 SACKS

> AFTER SETTING PRODUCTION CASING, PAY ZONE WILL BE PERFORATED AND STIMULATED AS NECESSARY.

SEE ATTACHED FOR: SUPPLEMENTAL DRILLING DATA

BOP SKETCH

SURFACE USE AND OPERATIONS PLAN

Post ID-1 7-5-91 Number + API

| venter program, if any. | r, give pertinent data on subsurface locations and measured and to | |
|---|--|--------------|
| SIGNED RICHARD WRIGHT | TITLE Drilling and Production Supt | -DATE 6-3-91 |
| (This space for Federal or State office use) | | |
| PERMIT NO. | APPROVAL DATE | |
| ÉMENT MENTEN SE | TITLE ANDA MANAGER CARLSBAD RESCURCE MICE | DATE 62791 |

APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS

*See Instructions On Reverse Side