SUBMIT IN TRIPLICATE*

(Other instructions on

Form approved. Budget Bureau No. 42-R1425.

UNITED STATES reverse side)

DEPARTMENT OF THE INTERIOR

30-045-22512 5. LEASE DESIGNATION AND BERIAL NO. **GEOLOGICAL SURVEY** SF_079691 6. IF INDIAN, ALLOTTEE OR TRIBE NAME APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK 1a. TYPE OF WORK 7. UNIT AGREEMENT NAME DRILL X DEEPEN [PLUG BACK b. TYPE OF WELL SINGLE MULTIPLE ZONE OIL WELL WELL X S. FARM OR LEASE NAME OTHER 2. NAME OF OPERATOR Mudge 9. WELL NO. El Paso Natural Gas Company 3. ADDRESS OF OPERATOR 6A 10. FIELD AND POOL, OR WILDCAT PO Box 990, Farmington, NM 87401 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface Blanco Mesa Verde 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 970'N, 1750'W Sec.11T-31-N,R-11-W At proposed prod. zone **NMPM** 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 12. COUNTY OR PARISH | 13. STATE San Juan NM 15. DISTANCE FROM PROPOSED* 16. NO. OF ACRES IN LEASE 17. NO. OF ACRES ASSIGNED TO THIS WELL LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. 320.00 (Also to nearest drig. unit line, if any) 18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 20. ROTARY OR CABLE TOOLS 19. PROPOSED DEPTH 5270**'** Rotary 21. ELEVATIONS (Show whether DF, RT, GR, etc.) 22. APPROX. DATE WORK WILL START* 5916'GL 23 PROPOSED CASING AND CEMENTING PROGRAM SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH QUANTITY OF CEMENT 13 3/4" 9 5/8" 32.3# 200' 224 cu.ft.to circulate 8 3/4" 20.0# 3015' 462 cu.ft.to cover Ojo Alamo 6 1/4" 1/2"liner 10.5# 2865-5270' 419 cu.ft. to fill to 2865' Selectively perforate and sandwater fracture the Mesa Verde formation. A 3000 psi WP and 6000 psi test double gate preventer equipped with blind and pipe rams will be used for blow out prevention on this well. This gas is dedicated. APR 1 9 1977 U.S. GEOLOGICAL The W/2 of Section 11 is dedicated to 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. TITLE Drilling Clerk PATE - April 18, 1977 (This space for Federal or State office use) PERMIT NO. _ APPROVAL DATE _ APPROVED BY TITLE DATE CONDITIONS OF APPROVAL, IF ANY: