

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-025-27562

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐		5. LEASE DESIGNATION AND SERIAL NO. LC 063623
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Brazos Petroleum Company		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR 708 Petroleum Bldg. - Midland, Texas 79701		8. FARM OR LEASE NAME Kringel Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1980' FSL & 1980' FWL Sec. 31, T-9-S, R-38-E At proposed prod. zone Same		9. WELL NO. 3
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 16 Miles East of Crossroads, New Mexico		10. FIELD AND POOL, OR WILDCAT Sawyer (San Andres)
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 1980'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 31, T-9-S, R-38-E
16. NO. OF ACRES IN LEASE 640		12. COUNTY OR PARISH Lea
17. NO. OF ACRES ASSIGNED TO THIS WELL 160		13. STATE M.N.
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2750' S.E.		19. PROPOSED DEPTH 5100'
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START* August 20, 1981
22. ELEVATIONS (Show whether DF, RT, GR, etc.) 3939.1 GR		

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#	420' +	275 sx.; Circ. to Surface
7 7/8"	4 1/2"	10.5#	5100' +	1100 sx.; Circ. to Surface

BOP : 8" API Series 900, Dual preventers, 3000 psi working pressure

GAS IS DEDICATED

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 Jim Sutherland TITLE Agent DATE 7-21-81

(This space for Permit or State Department use)

PERMIT NO.

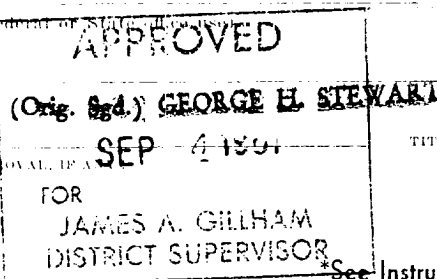
APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY



See Instructions On Reverse Side