

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☐ DEEPEN ☒ PLUG BACK ☐		5. LEASE DESIGNATION AND SERIAL NO. LC-031736(b)
b. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR PAN AMERICAN PETROLEUM CORPORATION		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR BOX 68, HOBBS, N. M. 80240		8. FARM OR LEASE NAME GILLY B FEDERAL
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1980' FNL x 1980' FWL Sec. 22 (UNIT F, SE 1/4 NW 1/4)		9. WELL NO. 11
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT WEIR DRINKARD
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 22-20-37
16. NO. OF ACRES IN LEASE		12. COUNTY OR PARISH LEA
17. NO. OF ACRES ASSIGNED TO THIS WELL		13. STATE N.M.
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		20. ROTARY OR CABLE TOOLS Worpower
19. PROPOSED DEPTH 6890'		22. APPROX. DATE WORK WILL START* 1-15-69
21. ELEVATIONS (Show whether DF, RT, GR, etc.)		

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 #	1218'	700 Sx. Cmc
7 7/8"	5 1/2"	14-15.5 #	6829'	620 Sx.

Propose to abandon Blueberry and attempt Drinkard Completion:
WEIR BLUEBERRY = Squeeze perfs 5684-5964' w/100 Sx Cement.
TUBE perfs 6332' - 6340' - Squeeze w/100 Sx. Cement.
WEIR DRINKARD = Deepen from 6829' to 6890', Logs.
 Stimulate and evaluate as necessary in attempting commercial production.

3134- Latest test Pmp 4.5 BDX168 w 24 hrs - pressures, casing otherwise.

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 _____ TITLE AREA SUPERINTENDENT DATE 1-15-69
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

0-4- USGS-12
 1- NSW
 1- SUS P
 2- W-SPACER
 1- RRY

*See Instructions On Reverse Side

APPROVED
 JAN 16 1969
 A. R. BROWN
 DISTRICT ENGINEER