

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. MM 175774	
b. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Plains Unit	
2. NAME OF OPERATOR Pan American Petroleum Corporation		7. UNIT AGREEMENT NAME Plains Unit	
3. ADDRESS OF OPERATOR Box 68 - Hobbs, New Mexico - 88240		8. FARM OR LEASE NAME 21-19-32 MMPM	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1980' FWL I 660' FWL, Sec. 21, (Unit E, 3W/4 NW/4) At proposed prod. zone		9. WELL NO. 6	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approx. 46 miles West of Hobbs, New Mexico		10. FIELD AND POOL, OR WILDCAT Lusk Stratum Ext.	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 21-19-32 MMPM	
16. NO. OF ACRES IN LEASE 7198.0		12. COUNTY OR PARISH Lea	
17. NO. OF ACRES ASSIGNED TO THIS WELL 160		13. STATE New Mexico	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		20. ROTARY OR CABLE TOOLS Rotary	
19. PROPOSED DEPTH 11,700'		22. APPROX. DATE WORK WILL START* 3-25-64	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) NYA			

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#	900'	Sufficient to Circulate
12-1/2"	10-3/4"	40.5#	2,700'	" "
9-7/8"	8-5/8"	36#	4,600'	Sufficient to fill to test
7-5/8"	5-1/2"	15.5-17#	11,700'	circulation some
				Sufficient to fill 600' above
				Stratum

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. Original Signed by: **Y. E. STALEY**
SIGNED _____ TITLE **Area Superintendent** DATE **March 18, 1964**
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE **APPROVED**
APPROVED BY _____ TITLE **MAR 20 1964** DATE _____
CONDITIONS OF APPROVAL, IF ANY:

J. L. GORDON
*See Instructions On Reverse Side
DISTRICT ENGINEER

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.