

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-20713

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

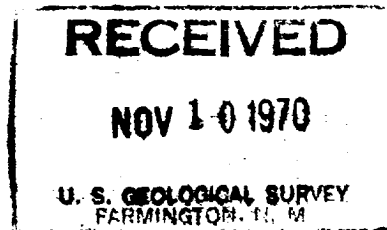
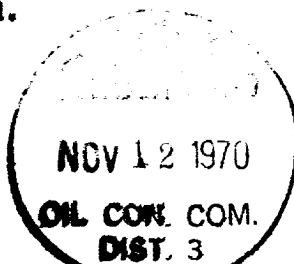
1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. ST-078132	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR PAN AMERICAN PETROLEUM CORPORATION			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 301 Airport Drive, Farmington, New Mexico 87401			8. FARM OR LEASE NAME A. L. Elliott "B"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1550' FWL and 990' FWL At proposed prod. zone Same			9. WELL NO. 6	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 5 miles east of Blanco, New Mexico			10. FIELD AND POOL, OR WILDCAT Blanco Pictured Cliffs	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 990'		16. NO. OF ACRES IN LEASE 1068		17. NO. OF ACRES ASSIGNED TO THIS WELL 153.42
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2000'		19. PROPOSED DEPTH 2860'		20. ROTARY OR CABLE TOOLS 0 - TD Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) Will Report Later			22. APPROX. DATE WORK WILL START* 11-14-70	

23. 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#	200	200 sacks
6-3/4"	2-7/8"	6.4#	2860	700 sacks

Well will be drilled through Pictured Cliffs Formation, and cased. Completion will be based upon in-casing Gamma Ray-Neutron Logs.

Copy of Logs will be furnished upon completion of this well.

Copy of Location Plat attached.



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
SIGNED D. A. WAYHAN TITLE Area Engineer DATE November 9, 1970

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

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.

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACERAGE DEDICATION PLAT**

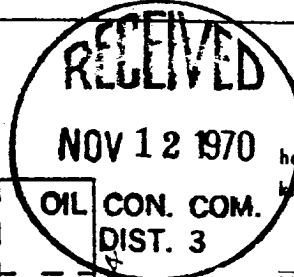
All distances must be from the outer boundaries of the Section

Operator PAN AMERICAN PETROLEUM CORPORATION		Lease A. L. ELLIOTT "D"		Well No. 6
Unit Letter E	Section 13	Township 29 NORTH	Range 9 WEST	County SAN JUAN
Actual Footage Location of Well: 1550 feet from the NORTH line and 990 feet from the WEST line				
Ground Level Elev. 6416.0	Producing Formation PICTURED CLIFFS	Pool BLANCO PICTURED CLIFFS	Dedicated Acreage: NW/4 153.42 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty),
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?
☐ Yes ☐ No If answer is "yes," type of consolidation

If answer is "no," list the owners and tract descriptions which have actually consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name D. A. Wayhan
 Position Area Engineer
 Company PAN AMERICAN PETROLEUM CORP.
 Date November 9, 1970

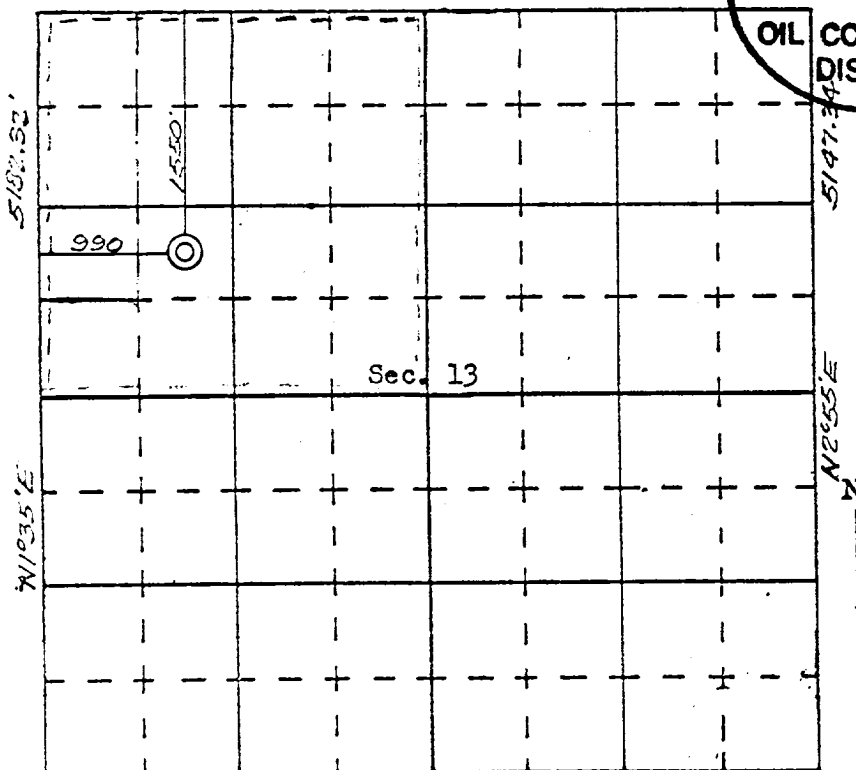
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

5 November, 1970
 Date Surveyed
James P. Lease
 Registered Professional Engineer
 and/or Land Surveyor

JAMES P. LEASE

1463

Certificate No.



SCALE—4 INCHES EQUALS 1 MILE

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.