

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 ☐

b. TYPE OF WELL
 OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
 PUBCO PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR
 P. O. Box 869, Albuquerque, New Mexico 87103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface
 1520' FNL & 1850' FEL, Section 6, T29N, R11W, NMPM,
 At proposed prod. zone San Juan County, New Mexico
 Same

10. FIELD AND POOL, OR WILDCAT
 Fulcher Kutz Pictured Cliff

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 6, T29N, R11W, NMPM

12. COUNTY OR PARISH
 San Juan

13. STATE
 N. Mex.

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 4 miles northwest of Bloomfield, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 790'

16. NO. OF ACRES IN LEASE
 150.38

17. NO. OF ACRES ASSIGNED TO THIS WELL
 150.38

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 550'

19. PROPOSED DEPTH
 2200'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5819' Gr.

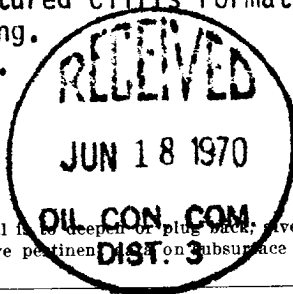
22. APPROX. DATE WORK WILL START*
 June 25, 1970

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	7 5/8	24.0	120'	120 cu. ft.
6 3/4	3 1/2	7.70	2200'	450 cu. ft.

The following is proposed:

1. Drill 12 1/4" hole to 120'. Run and cement 7 5/8" o.d. casing. Install 10" x 3000 psi BOP.
2. Drill 6 3/4" hole to 2200' T.D. Run Induction and Gamma Ray-Formation Density Logs. Run 3 1/2" o.d. casing and cement to surface.
3. Perforate and frac pictured Cliffs Formation.
4. Run 1 1/4" siphon string.
5. Clean up and test well.



RECEIVED
JUN 17 1970
U. S. GEOLOGICAL SURVEY

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 Donald A. Walker TITLE Area Production Manager DATE June 16, 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 ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

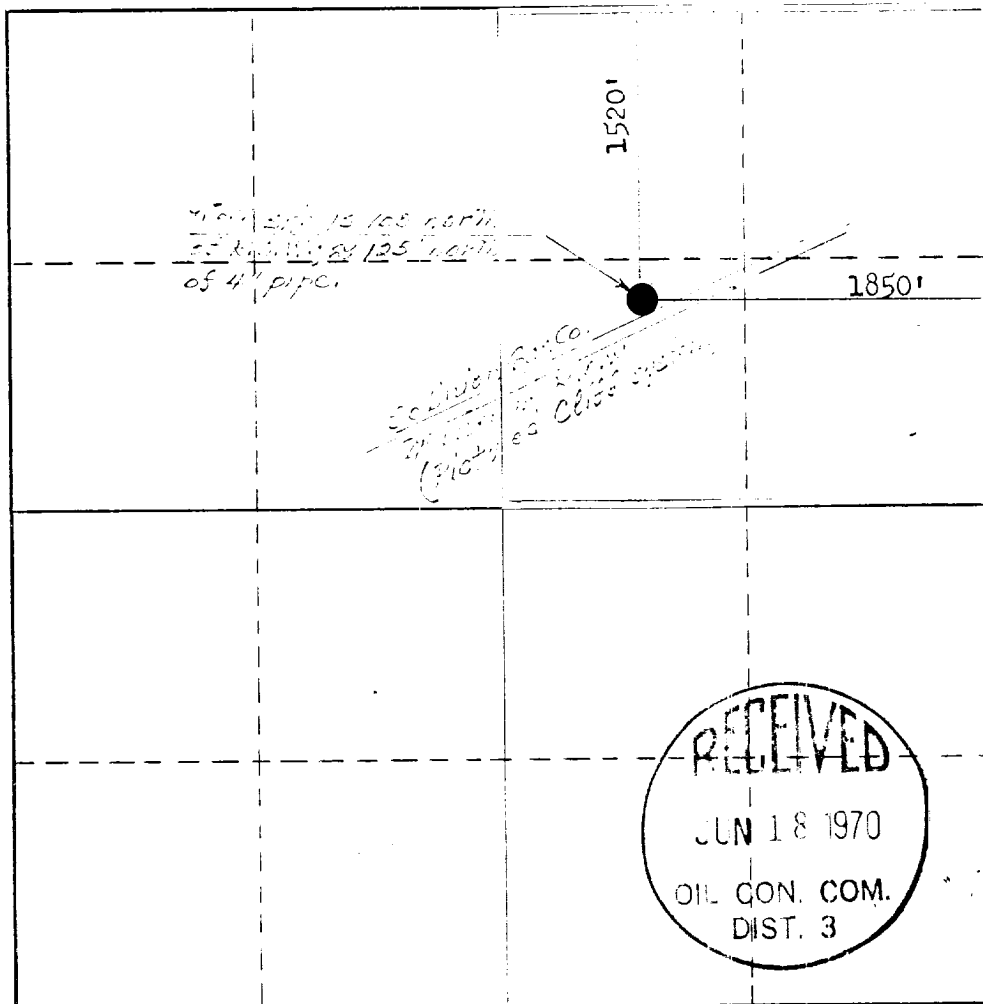
Operator PUBCO PETROLEUM CO.			Lease Federal		Well No. 18
Unit Letter G	Section 6	Township 29 N	Range 11 W	County San Juan	
Actual Footage Location of Well: 1520 feet from the north line and 1850 feet from the east line					
Ground Level Elev. 5819	Producing Formation Pictured Cliff	Pool Fulcher Kutz		Dedicated Acreage: NE $\frac{1}{4}$ 150.38 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 **100% Pubco**

If answer is "no," list the owners and tract descriptions which have actually been 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.

Donald C. Walker
Name

Donald C. Walker

Position

Area Production Manager

Company

Pubco Petroleum Corporation

Date

June 16, 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.

June 10, 1970

Date Surveyed

Stephen H. Kinney
Stephen H. Kinney

Registered Professional Engineer and/or Land Surveyor

N.M. No. 803

Certificate No.

