

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-20555

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
1850' FWL and 1850' FSL of Section 16-23N-2W
At proposed prod. zone Same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
28 miles northwest of Cuba

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drilg. unit line, if any) 1850'

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
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21. ELEVATIONS (Show whether DF, RT, GR, etc.)
7322' GL

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#	130' ±	100 sxs.
6-3/4"	3-1/2"	7.7#	3300' ±	335 sxs.

1. Drill 12" or 12-1/4" hole, set 7-5/8" (or larger) casing at 130'±, cement to surface with approx. 100 sxs. Class "A" with 2% Calcium Chloride. WOC 18 hrs., test casing to 1000 psi for 30".
2. Drill 6-3/4" hole to approx. 3300', run Gammaray-Density Log and Induction Electric Log.
3. Run approx. 3300' of 3-1/2", 7.7#, H-40 casing, cement with 235 sxs. of 65-35 poz. 10% Gel, plus 100 sxs. Class "C" neat.
4. Pressure test casing to 3500 psi, WOC 48+ hours.
5. Perforate pay sands, fracture with 30,000-50,000 gals. Sand-water frac as need is indicated.
6. Run 1-1/4" unloader tubing string; flow to clean up; potential test.
7. Pipe rams will be tested each tour; blind rams each trip.

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 Charles W. Sanders TITLE Area Production Manager DATE August 16, 1972
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

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NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

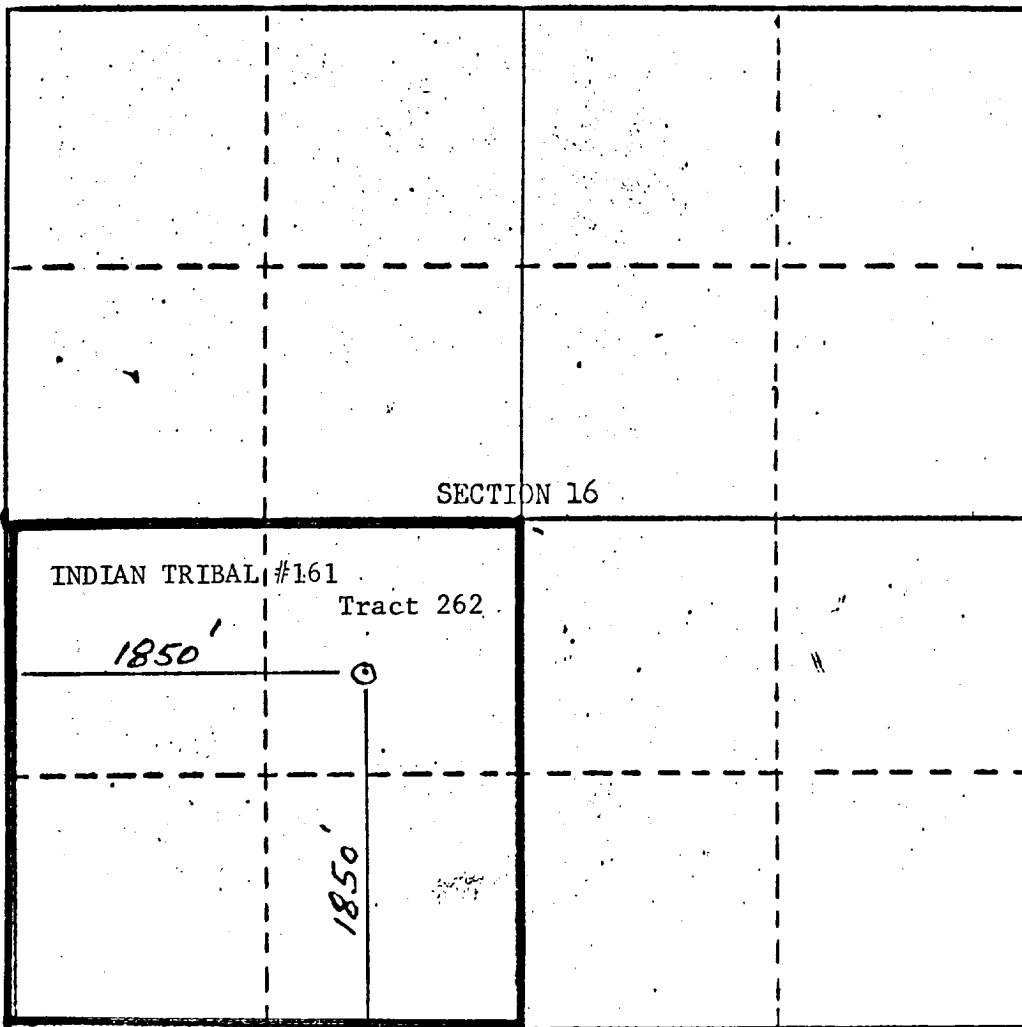
All distances must be from the outer boundaries of the Section.

Operator PUBCO PETROLEUM CO.		Lease JICARILLA		Well No. 1	
Unit Letter K	Section 16	Township 23 N	Range 2 W	County RIO ARriba	
Actual Footage Location of Well: 1850 feet from the south line and 1850 feet from the west line					
Ground Level Elev. 7322	Producing Formation Pictured Cliff	Pool South Blanco	Dedicated Acreage SW $\frac{1}{4}$ (160) Acres		

1. Outline the acreage dedicated to the subject well by ~~solid~~ 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? CON. COM.
☐ Yes ☐ No If answer is "yes," type of consolidation NA

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

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.

Charles W. Sanders

Name
Charles W. Sanders
Position
Area Production Manager
Company
Pubco Petroleum Corporation

Date
August 15, 1972

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.

Date Surveyed
Aug. 6, 1972

Registered Professional Engineer and/or Land Surveyor

Stephen H. Kinney
Stephen H. Kinney

Certificate No.

N.M. 803

