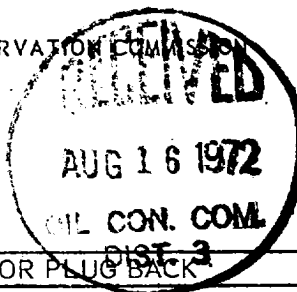


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NEW MEXICO OIL CONSERVATION COMMISSION


30-045-21000
Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE ☒ FEE ☐

5. State Oil & Gas Lease No.
E-3671-1

7. Unit Agreement Name
--

8. Farm or Lease Name
State "Com"

9. Well No.
40

10. Field and Pool, or Wildcat
Blanco Pictured Cliff
Extension

12. County
San Juan

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				2. Name of Operator Pubco Petroleum Corporation		3. Address of Operator P. O. Box 869, Albuquerque, New Mexico 87103		4. Location of Well UNIT LETTER I LOCATED 1650 FEET FROM THE South LINE AND 790 FEET FROM THE East LINE OF SEC. 16 TWP. 29N RGE. 8W NMPM		19. Proposed Depth 3300'		19A. Formation Pictured Cliff		20. Rotary or C.T. Rotary	
21. Elevations (Show whether DF, RT, etc.) 6412' GL				21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor Contract not let				22. Approx. Date Work will start September 1, 1972					

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	7-5/8"	24#	130' ±	100 sxs.	surface
6-3/4"	3-1/2"	7.7#	3300' ±	335 sxs.	surface

- 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".
- Drill 6-3/4" hole to approx. 3300', run Gammaray-Density Log and Induction Electric Log.
- Run approx. 3300' of 3-1/2", 7.7#, H-40 casing, cement with 235 sxs. of 65-35 UNLESS 10% Gel, plus 100 sxs. Class "C" neat.
- Pressure test casing to 3500 psi, WOC 48⁺ hours.
- Perforate pay sands, fracture with 30,000-50,000 gals. Sand-water frac as need is indicated.
- Run 1-1/4" unloader tubing string; flow to clean up; potential test.
- 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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Charles W. Sanders Title Area Production Manager Date August 14, 1972

(This space for State Use)

APPROVED BY Arthur Kendrick TITLE PETROLEUM ENGINEER DIST. NO. 3 DATE 8-16-72
CONDITIONS OF APPROVAL, IF ANY:

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,
EXPIRES 11-14-72

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 STATE "COM"			Well No. 40
Unit Letter I	Section 16	Township 29 N	Range 8 W	County SAN JUAN		
Actual Footage Location of Well: 1650 feet from the south line and 790 feet from the east line						
Ground Level Elev. 6412	Producing Formation Pictured Cliff		Pool Blanco Extension		Dedicated Acreage SE $\frac{1}{4}$ (160) 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 Communitization Pending
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.

Charles W. Sanders

Name
Charles W. Sanders

Position
Area Production Manager

Company
Pubco Petroleum Corporation

Date
August 14, 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. 5, 1972

Registered Professional Engineer and/or Land Surveyor
Stephen H. Kinney
Stephen H. Kinney

Certificate No.
N.M. 803

