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NEW MEXICO OIL CONSERVATION COMMISSION



Form C-101
Revised 1-1-65 30 045 20113

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
E-5384	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		--	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name	
SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		State Com. "AL"	
2. Name of Operator		9. Well No.	
Pubco Petroleum Corporation		36	
3. Address of Operator		10. Field and Pool, or Wildcat	
P. O. Box 869, Albuquerque, New Mexico 87103		Basin Dakota	
4. Location of Well		12. County	
UNIT LETTER <u>Q</u> LOCATED <u>820</u> FEET FROM THE <u>South</u> LINE AND <u>1800</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>32</u> TWP. <u>31N</u> RGE. <u>8W</u> NMPM		San Juan	
19. Proposed Depth		19A. Formation	
± 7780 ft.		Dakota	
20. Rotary or C.T.		Rotary	
21. Elevations (Show whether DF, RT, etc.)		22. Approx. Date Work will start	
6303 GR.		July 18, 1967 *	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor	
Blanket		Arapahoe	

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
15"	10-3/4"	32.75	± 300'	280	surface
9-5/8"	7-5/8"	26.40	± 3500'	400	surface
6-3/4"	4-1/2"	10.50	± 7780'	300	3300'

We propose to:

Mud drill the surface and intermediate hole and cement the surface and intermediate casing to surface.

Gas drill the remaining hole and cement production casing back into the intermediate casing.

Log the gas drilled hole with the Induction-Gamma Ray and Formation Density Logs.

Perforate and sand-water frac in two stages.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

* Oral approval was granted by Mr. A. R. Kendrick on July 17, 1967. EXPIRES October 19, 1967

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 Donald C. Walker Title Petroleum Engineer Date July 18, 1967
(This space for State Use)

APPROVED BY Emory C. Cline TITLE Sup Dist 111 DATE 7-19-67
CONDITIONS OF APPROVAL, IF ANY:

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

All distances must be from the outer boundaries of the Section

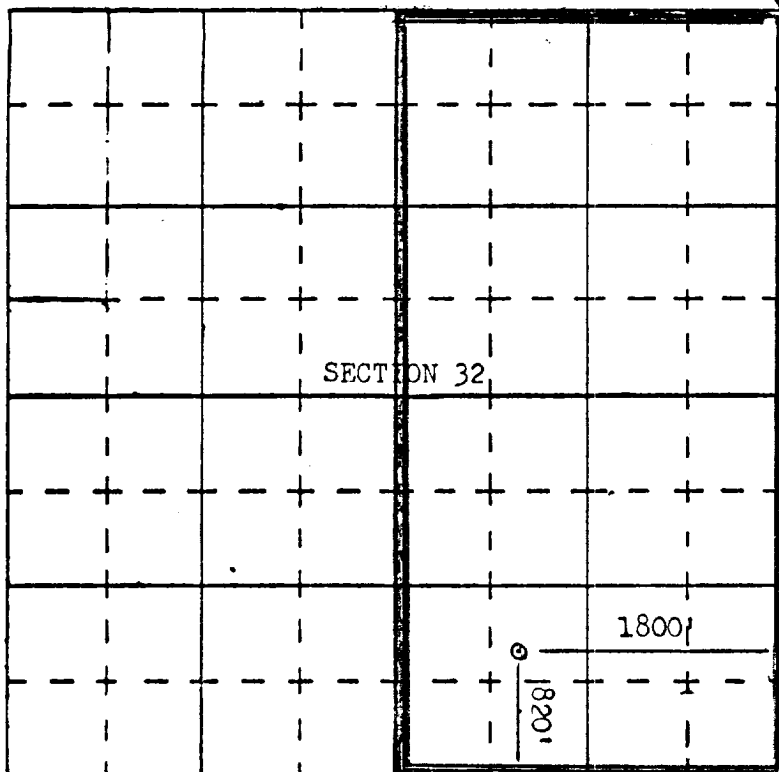
Operator PURCO PETROLEUM CO.			Lease STATE COM AL		Well No. 36
Unit Letter 0	Section 32	Township 31 N	Range 8 W	County SAN JUAN	
Actual Footage Location of Well: 820 feet from the SOUTH line and 1800 feet from the EAST line					
Ground Level Elev. 6303	Producing Formation DAKOTA	Pool BASIN		Dedicated Acreage: (E₂) 322 320 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?

(X) Yes () No If answer is "yes," type of consolidation Communitization

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 Donald C. Walker
Position Petroleum Engineer
Company Pubco Petroleum Co.
P. O. Box 869
Albuquerque, N. M.
Date July 18, 1967

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, 1967
Date Surveyed Stephen H. Kinney
Stephen H. Kinney
Registered Professional Engineer
and/or Land Surveyor

N.M. 803
Certificate No.