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NEW MEXICO OIL CONSERVATION COMMISSION

MAR 24 1972

O.C.C.
ALBUQUERQUE, NEW MEXICO

30-015-20604
Form O-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
L-3644	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name	
DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		Cass State Com	
2. Name of Operator		9. Well No.	
Pubco Petroleum Corporation		1	
3. Address of Operator		10. Field and Pool, or Wildcat	
P. O. Box 869, Albuquerque, New Mexico 87103		Wildcat	
4. Location of Well UNIT LETTER <u>K</u> LOCATED <u>1980</u> FEET FROM THE <u>South</u> LINE		12. County	
AND <u>1980</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>25</u> TWP. <u>18S</u> RGE. <u>24E</u> NMPM		Eddy	
13. Proposed Depth		19A. Formation	
9600'		Morrow	
20. Rotary or C.T.		Rotary	
21. Elevations (Show whether DF, RT, etc.)		22. Approx. Date Work will start	
3679 GR		May 15, 1972	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor	
Blanket		Ard Drilling Company	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	72#	400'	450	circulate
12-1/4"	8-5/8"	24# J-55	1900'	1000	circulate
7-7/8"	4-1/2"	11.6#, 10.5# & 9.5#	9600'	400	3100'

Propose to drill with rotary tools to total depth of 9600' or 100' into the Chester Limestone, whichever is the lessor, using the above hole and casing program. All significant shows will be tested. We anticipate running the following logs: Induction Electric Log, Borehole Compensated Sonic Gammaray, Microlog. Will cement across all potentially productive zones. If a dry hole, will plug and abandon as directed by the New Mexico Oil Conservation Commission.

Cement will be circulated on both 13-3/8" and 8-5/8" casing. A series 900 double-ram preventer with a remote control station will be used. Relief line and choke manifolds will be hooked up as shown in API Bulletin D-13.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,
EXPIRES 6-24-72

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 J. G. Johnson Title Vice President Production Date March 23, 1972
(This space for State Use)

APPROVED BY W. A. Gressett TITLE OIL AND GAS INSPECTOR DATE MAR 24 1972

CONDITIONS OF APPROVAL, IF ANY:

Notify N.M.O.C.C. in sufficient
time to witness cementing
the 8 7/8" casing

V MEXICO OIL CONSERVATION COMMIS
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.

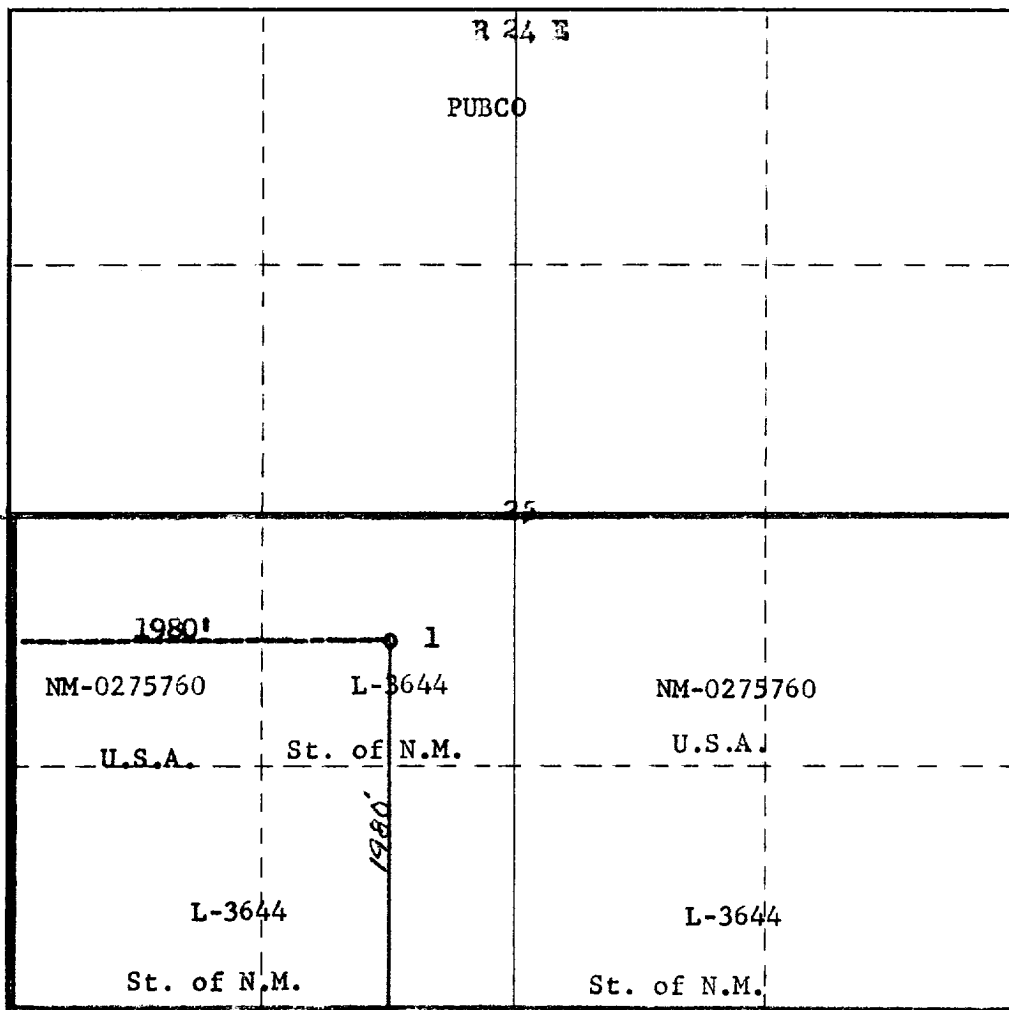
Operator PUBCO Petr. Corp.			Lease CASS STATE COM		Well No. 1
Unit Letter K	Section 25	Township 18 South	Range 24 East	County Eddy	
Actual Footage Location of Well: 1980 feet from the South line and 1980 feet from the West line					
Ground Level Elev. 3679	Producing Formation MORROW		Pool Wildcat	Dedicated Acreage: 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?

☒ 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.

Name J. C. Johnson
Position Vice President Production
Company Pubco Petroleum Corporation
Date March 23, 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 March 17th, 1972
Registered Professional Engineer and/or Land Surveyor [Signature]
Certificate No. 542