

293-4044

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NEW MEXICO OIL CONSERVATION COMMISSION

API[®] 30-019-20010Form C-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.
7. Unit Agreement Name --
8. Farm or Lease Name Vaughn State
9. Well No. 1
10. Field and Pool, or Wildcat Wildcat
12. County Guadalupe
19. Proposed Depth 4700
19A. Formation Granite
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 5744 GL
21A. Kind & Status Plug. Bond Multiple, active
21B. Drilling Contractor Petroleum Development Corp.
22. Approx. Date Work will start June 6, 1974

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 type="checkbox"/> OTHER <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> Wildcat SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	2. Name of Operator Petroleum Development Corporation	3. Address of Operator 9720-B Candelaria N.E., Albuquerque, N.M. 87112	4. Location of Well UNIT LETTER <u>E</u> LOCATED <u>682</u> FEET FROM THE <u>West</u> LINE AND <u>2036</u> FEET FROM THE <u>North</u> LINE OF SEC. <u>16</u> TWP. <u>6N</u> RGE. <u>17E</u> NMPM	7. Unit Agreement Name --	8. Farm or Lease Name Vaughn State	9. Well No. 1	10. Field and Pool, or Wildcat Wildcat	12. County Guadalupe	19. Proposed Depth 4700	19A. Formation Granite	20. Rotary or C.T. Rotary	21. Elevations (Show whether DF, RT, etc.) 5744 GL	21A. Kind & Status Plug. Bond Multiple, active	21B. Drilling Contractor Petroleum Development Corp.	22. Approx. Date Work will start June 6, 1974
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23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
13-3/4	10-3/4	40.48 ^{lb}	200' ±	200	circ.
8-3/4	5-1/2	14 ^{lb}	4700' ±	275	3700

Set surface casing at approximately 200', circulate cement to surface, WOC 8 hours. Test BOP, manifold and casing to 800 psi before drilling out. Drill 8-3/4" hole to approximately 4700', test all significant shows of oil or gas. A double-ram 900-series BOP will be used while drilling below the surface casing.

In the event the well is dry, necessary approval will be obtained from the Commission before plugging and abandonment.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES Sept 2, 1974

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 Vice President Engineering Date May 30, 1974
(This space for State Use)

APPROVED BY Carl Ulvog TITLE SENIOR PETROLEUM GEOLOGIST DATE 6/4/74

CONDITIONS OF APPROVAL, IF ANY:

COLLECT AND CASE SAMPLES FOR
NEW MEXICO BUREAU OF MINES, SOCORRO
AT AT LEAST TEN FOOT INTERVALS