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NEW MEXICO OIL CONSERVATION COMMISSION

Form 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.		
E-8251		

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name	
DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		Tobac McKay State	
2. Name of Operator		9. Well No.	
PETROLEUM DEVELOPMENT CORPORATION		1	
3. Address of Operator		10. Field and Pool, or Wildcat	
9720 B Candelaria, NE, Albuquerque, NM 87112		UNDESIGNATED	
4. Location of Well		12. County	
UNIT LETTER J LOCATED 2086 FEET FROM THE South LINE		Chaves	
AND 2086 FEET FROM THE East LINE OF SEC. 28 TWP. 8S RGE. 33E NMPM			
19. Proposed Depth		19A. Formation	
9200		Bough "C" (Penn.)	
20. Rotary or C.T.		Rotary	
21. Elevations (Show whether DF, RT, etc.)		21B. Drilling Contractor	
4375 GL		Forster Dlg. Co.	
21A. Kind & Status Plug. Bond		22. Approx. Date Work will start	
blanket-active		Dec. 10, 1978	

23.

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"	48#	400'	450	Surface
11"	8-5/8"	24#	3600'	650	Surface
7-7/8"	4-1/2"	10.5# & 11.6#	9100'	300	8000'

Set 13-3/8" casing at approx. 400'; circulate cement to surface. WOC 8 hrs. Test BOP & surface casing to 500# for 30 min. before drilling out. Drill 11" hole to approx. 3600', or 30' into San Andres. Cement 1st stage with 100 sx.; cement 2nd stage thru DV tool at approx. 2000', bringing cement at least back into surface casing.

Drill 7-7/8" hole to 9200', testing all significant shows of oil or gas. Set production casing at approximately 9200'. Complete by jet perforating indicated pay intervals and acidizing as need is indicated.

A 900-series BOP with remote controls will be used. The mud program will be common to the area and will include use of 3-7% oil and water loss control to inhibit sloughing in the redbed and Abo shale sections.

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 Date 11-21-78

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT DATE NOV 30 1978

CONDITIONS OF APPROVAL, IF ANY: