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NEW MEXICO OIL CONSERVATION COMMISSION

30-025-27506

Form C-101
Revised 1-1-79

1A. DEED NO. & DATE	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
2. DEED NO. & DATE	
L-6528	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. Type of Well		2. Type of Well		3. Type of Well	
DRILL <input checked="" type="checkbox"/>		DEEPEN <input type="checkbox"/>		PLUG BACK <input type="checkbox"/>	
4. Type of Well		5. Type of Well		6. Type of Well	
GAS <input checked="" type="checkbox"/>		SINGLE ZONE <input type="checkbox"/>		MULTIPLE ZONE <input type="checkbox"/>	
7. Name of Operator					
The Petroleum Corporation (of Delaware)					
8. Address of Operator					
One Marienfeld Place, Suite 555, Midland, Texas 79701					
9. Location of Well					
UNIT LETTER J LOCATED 1980 FEET FROM THE South LINE					
1980 FEET FROM THE East LINE OF SEC. 8 TWP. 12 S. R. 32 E. N. 34 W.					
10. Name of Landowner					
Landlady					
11. Section					
1					
12. Name of Locality					
North Caprock					
13. Name of Locality					
UNDESIGNATED (D)					
14. County					
Lea					
15. Depth of Well		16. Formation		17. Rotary	
11,005'		Mississippian		Rotary	
18. Flow Rate (GPM or BBL, etc.)		19. Mud & Status Plug Head		20. Drilling Contractor	
4393.5 Ground		Blanket		Landis	
21. Approx. Date Work Will Start		9/1/81			

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"	24#	400'	400	Circ.
12-1/4"	8-5/8"	48# & 32#	3700'	1600	Circ.
7-7/8"	4-1/2"	11.6# & 13.5#	11,500'	1000	8500'

Drill a 17-1/2" hole to 400'± and set surface casing, circ. cement. Drill a 12-1/4" hole to 3700' and run 8-5/8" intermediate casing and circ. cement. If commercial pay is encountered will run 4-1/2" production casing to TD and cement with sufficient cement to bring top of cement above all prospective zones. Estimated top of cement to be 8500'. Perforate and stimulate as needed for production.

Mud Program: 0 - 400' spud mud; 400' - 1600' fresh water; 1600' - 3700' brine water; 3700' - 7100' fresh water; 7100' - 8900' cut brine, salt gel & oil. Mud wt. 9.5, ppg, Vis 36 ;8900' to TD starch, salt gel & drispac, Mud wt. 9.6 ppg, Vis 40, WL 20 cc.

BOP Program: BOP's and hydril installed on 8-5/8" casing. Diagram attached. BOP is to be tested daily. Test with yellow jacket prior to drilling wolfcamp formation.

Gas is dedicated.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 1/31/82
UNLESS DRILLING UNDERWAY

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 Claudia J. Field Title Engineering Assistant Date July 28, 1981
(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT 3 DATE 8/1/81
CONDITIONS OF APPROVAL, IF ANY: