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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEED <input type="checkbox"/>
5. State Oil & Gas Lease No.	
LG 5999	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Part Agreement Name	
b. Type of Well		8. Name of Lease State	
DRILL <input checked="" type="checkbox"/>	DEEPEN <input type="checkbox"/>	State "16"	
GAS WELL <input type="checkbox"/>	OTHER <input type="checkbox"/>	9. Well No.	
SINGLE ZONE <input type="checkbox"/>	MULTIPLE ZONE <input type="checkbox"/>	1	
10. Name of Operator		11. Field and Pool Name	
THE DOW CHEMICAL COMPANY		Crossroads Devonian South	
12. Address of Operator		13. County	
1123 Wilco Building, Midland, Texas 79701		Lea	
14. Location of Well		15. Proposed Depth	
UNIT LETTER I LOCATED 660 FEET FROM THE East LINE		12,600'	
AND 1980 FEET FROM THE South LINE OF SEC. 16 T. 10S R. 36E N. 36E		16A. Formation	
		Devonian	
16. Elevation (show whether DE, RL, etc.)		17. Rotary or C.L.	
4015.2'		Rotary	
18. Kind & Status Plug. Bond		19. Drilling Contractor	
One Well-Approved		MGF Drilling Company	
20. Approx. Date Work will start			
May 15, 1979			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17½"	13-3/8"	48	400'	500±	To Surface
11"	8-5/8"	24# and 28#	4,200±	1,700±	To Surface

An 17½ hole will be drilled to 400' and 13-3/8" O.D. casing set and cemented to surface with 500± sacks of cement. Casing will be tested to 1000 psi before drilling out of surface. BOP's will be installed and pressure tested to 3000 psi. (BOP's will be pressure tested a minimum of once every 10 days). An 11" hole will be drilled to 4200'± and 8-5/8" O.D. casing set and cemented to the surface with 1700± sacks. Casing will be tested to 1000 psi before drilling out. An 7-7/8" hole will be drilled to a total depth of 12,600'±. If the Well is deemed productive, 5-1/2" O.D. casing will be run and cemented with approximately 400 sacks cement.

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 Jack Hammer Title Drilg. Engineer Date 5/1/79
(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT 1 DATE MAY 2 1979
CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

MAY - 2 1979

OIL CONSERVATION COMM.
HOUSE, D. C.