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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>		8. Farm or Lease Name	
OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		Gann	
2. Name of Operator		9. Well No.	
Moran Exploration, Inc.		1	
3. Address of Operator		10. Field and Pool, or Wildcat	
400 Wilco Bldg., Midland, Texas 79701		Caudill - Mississippian	
4. Location of Well		12. County	
UNIT LETTER <u>D</u> LOCATED <u>860</u> FEET FROM THE <u>North</u> LINE		Lea	
AND <u>990</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>9</u> TWP. <u>15-S</u> RGE. <u>36-E</u> NMPM			
19. Proposed Depth		19A. Formation	
13,658'		Mississippian	
20. Rotary or C.T.		N/A	
21. Elevations (Show whether DF, RT, etc.)		22. Approx. Date Work will start	
3930.6 GL 3946.6 KB		Oct. 1, 1981	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor	
Blanket - Current		N.A.	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP

1. P.O.H. with rods and tubing.
2. G.I.H. with CIBP. Set at approximately 13,550'. Spot 20' of cement on CIBP. (CIBP is to be set approximately 100' above Devonian perfs. at 13,649' - 13,653.) Install BOP.
3. Perforate Mississippian interval at 13,271' thru 13,281' with 1 SPI for a total of 11 shots.
4. Acidize Mississippian interval with 119 barrels of 15% HCl acid.
5. Recover all acid residue and test.
6. Put well on production.

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 [Signature] Title Operations Manager Date 8-6-81

(This space for State Use)

Signed by

Jerry Barton

APPROVED BY [Signature] TITLE Permian Basin Division DATE 8-6-81

CONDITIONS OF APPROVAL [Signature]