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NEW MEXICO OIL CONSERVATION COMMISSION

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MAY 6 1976

U. C. C.
ARTESIA, OFFICE

30-015-21815
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 OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Mesa Grande	
2. Name of Operator Morris R. Antweil		9. Well No. 1	
3. Address of Operator Box 2010, Hobbs, New Mexico 88240		10. Field and Pool, or Wildcat Wildcat	
4. Location of Well UNIT LETTER F LOCATED 1980 FEET FROM THE North LINE AND 1980 FEET FROM THE West LINE OF SEC. 11 TWP. 22S RGE. 26E NMPM		12. County Eddy	
19. Proposed Depth 11,500'		19A. Formation Morrow	
20. Rotary or C.T. Rotary			
21. Elevations (Show whether DF, RT, etc.) 3152' GR		21A. Kind & Status Plug. Bond Blanket	
21B. Drilling Contractor Not Selected		22. Approx. Date Work will start 20 May 1976	

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"	52#	300'	300 sx.	circulated
12-1/4"	9-5/8"	36# & 40#	2700'	*	circulated
8-3/4"	5-1/2"	15.5, 17, 20#	11500'	**	9500'

* 9-5/8" cementing in 2 stages with DU tool at top of Delaware:
1st. stage- 2700'-2000' - 300 sx. Class "C" Cement.
2nd. stage- 2000' - surface- 500 sx. thick-set cement, 300 sx.
Halliburton lite & 300 sx. Class "C" w/2% CaCl₂.

**5-1/2" cementing program: 250 sx. Halliburton lite & 325 sx. Class "H".

BOP Program: 1- 10" X1500 series double Shaffer BOP
1- 10' X1500 series Hydril.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

Acreage dedicated to proposed well is not committed to a gas contract.

EXPIRES 8-20-76

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 R. M. Williams Title Agent Date 5 May 1976

(This space for State Use)

APPROVED BY N. A. Grissett TITLE SUPERVISOR, DISTRICT II DATE MAY 20 1976

CONDITIONS OF APPROVAL, IF ANY:
Subject to Case # 5684 5-26-76 Cement must be circulated to surface behind 13 3/8" + 9 5/8" casing
Notify N.M.O.C.C. in sufficient time to witness cementing the 9 5/8" casing