

DISTRIBUTION		
SANTA FE	/	
FILE	/	
U.S.G.S.	/	
LAND OFFICE	/	
OPERATOR	/	

NEW MEXICO OIL CONSERVATION COMMISSION

NOV 4 1976

O. C. C.
ARTESIA, OFFICE

30-015-21467

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.	
L-6921	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			
b. Type of Well		8. Farm or Lease Name	
OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		Ogden State	
2. Name of Operator		9. Well No.	
Mesa Petroleum Co. ✓		1	
3. Address of Operator		10. Field and Pool, or Wildcat	
1000 Vaughn Bldg., Midland, TX 79701		White City (Penn)	
4. Location of Well		12. County	
UNIT LETTER <u>F</u> LOCATED <u>1650</u> FEET FROM THE <u>North</u> LINE		Eddy	
AND <u>1650</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>2</u> TWP. <u>.25S</u> RGE. <u>26E</u> NMPM			
19. Proposed Depth		19A. Formation	
11,600'		Morrow	
20. Rotary or C.T.		Rotary	
21. Elevations (Show whether DF, RT, etc.)		21B. Drilling Contractor	
3344' GR		Warton Drilling Co.	
21A. Kind & Status Plug. Bond		22. Approx. Date Work will start	
Blanket		November 10, 1976	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
20	16	65	250	300	Circ to surface
13-3/4	10-3/4	40.5-51	2,100'	1,250	Circ to surface
9-1/2	7-5/8	26.4-29.7	8,700'	600	5,500'
6-1/2	5	15	8,400'-11,600'	600	Cover liner top

Propose to drill 20" surface hole with fresh water to 250' without BOP's. After setting 16" and circulating cement to surface, will drill out with brine water and drill to 2100' without BOP's. Will set 10-3/4" casing and circulate cement to surface. Will nipple up 12" API 3000 psi BOP's (1 set pipe rams, 1 set blind rams, & hydril) and drill to approximately 8700' using fresh water with some addition of brine to control hole. Will set 7-5/8" casing, test BOP's (same as above) then drill to total depth using brine water or control polymer brine mud, if required. Maximum anticipated mud weight is 10.5 PPG based on other wells in the area. A 5" liner will be set from 8400' to total depth. Operator's gas for the subject lease has not been committed.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 2-8-77

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 Michael P. Houston Title Division Engineer Date November 3, 1976

(This space for State Use)

APPROVED BY W. A. Grasset TITLE SUPERVISOR, DISTRICT II DATE NOV 8 1976

CONDITIONS OF APPROVAL, IF ANY:

XC: JLF, MEC, JWH, RHN, LMC, 5-NMOCC, 1-file

Do not be circulated
surface behind 16" & 10 3/4" etc.