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NEW MEXICO OIL CONSERVATION COMMISSION

MAY 26 1982

O. C. D.  
ARTESIA, OFFICE

30-005-61626

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"/>		Willow Creek Unit	
DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		8. Farm or Lease Name	
SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		WILLOW CREEK UNIT	
2. Name of Operator MESA PETROLEUM CO. <i>Agent for Yates Petr. Corp. unit operator</i>		9. Well No. 5	
3. Address of Operator 1000 VAUGHN BUILDING/MIDLAND, TEXAS 79703-4493		10. Field and Pool, or Wildcat WILDCAT ABO	
4. Location of Well UNIT LETTER D LOCATED 660 FEET FROM THE NORTH LINE AND 660 FEET FROM THE WEST LINE OF SEC. 12 TWP. 5S RGE. 25E NMPM		12. County CHAVES	
19. Proposed Depth 4700'		19A. Formation ABO	
20. Rotary or C.T. ROTARY			
21. Elevations (Show whether DF, RT, etc.) 3671.4'		21A. Kind & Status Plug. Bond BLANKET	
21B. Drilling Contractor TOM BROWN DRILLING		22. Approx. Date Work will start JULY 4, 1982	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
14 3/4"	10 3/4"	40.5#	950'	700/300	SURFACE
9 1/2"	7 5/8"/7"	26.4#/23#	1600'	700/300	TIE-BACK
7 7/8"/6 1/2"/6 1/4"	4 1/2"/5 1/2"	10.5#/15.5#	4700'	300	COVER ABO

Propose to drill 14 3/4" hole with mud or air to approximately 950' and run 10 3/4" casing. Will cement to surface and test casing with cementing head to 600 psi. Will reduce hole to 9 1/2" and drill on mud or air to approximately 1600' and run 7 5/8" casing if circulation has been lost and cement with sufficient amounts to tie-back to 10 3/4" casing. Will then reduce hole to 6 1/2" or 6 1/4", test BOP's and casing and drill to total depth. If hole conditions are favorable, the 7 5/8" casing will be omitted and the hole will be reduced to 7 7/8" and drilled to total depth. Either 4 1/2" or 5 1/2" casing will be run as production casing depending upon hole sized drilled to TD.

Operator's gas sales are dedicated.

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 12-3-82  
UNLESS DRILLING UNDERWAY

XC: NMOCD (6), TLS, CEN RCDS, ACCTG, MEC, LAND, ROSWELL, REM, FILE (PARTNERS )

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. F. Nathan Title REGULATORY COORDINATOR Date 5-25-81

(This space for State Use)

APPROVED BY Mike Walker TITLE OIL AND GAS INSPECTOR DATE JUN 3 1982

CONDITIONS OF APPROVAL, IF ANY: