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NEW MEXICO OIL CONSERVATION COMMISSION

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APR 12 1976

O. C. C.

ARTESIA, OFFICE

30-015-2180.3

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
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5. State Oil & Gas Lease No.	L-3358
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APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work			
b. Type of Well	DRILL <input checked="" type="checkbox"/>	DEEPEN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>
	OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	OTHER <input type="checkbox"/>
		SINGLE ZONE <input checked="" type="checkbox"/>	MULTIPLE ZONE <input type="checkbox"/>

2. Name of Operator	Mesa Petroleum Co.
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3. Address of Operator	904 Gihls Tower West, Midland, TX 79701
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4. Location of Well	UNIT LETTER E LOCATED 1980' FEET FROM THE North LINE
AND 330' FEET FROM THE West LINE OF SEC. 18 TWP. 23S RGE. 30E NMPM	

7. Unit Agreement Name	Nash Unit
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8. Farm or Lease Name	Nash Unit
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9. Well No.	6
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10. Field and Pool, or Wildcat	Undesignated
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12. County	Eddy
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19. Proposed Depth	5100'	19A. Formation	Cherry Canyon	20. Rotary or C.T.	Rotary
21. Elevations (Show whether DF, RT, etc.)	3016.0' GR	21A. Kind & Status Plug. Bond	Blanket	21B. Drilling Contractor	To be determined
				22. Approx. Date Work will start	August 1, 1976

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"	48#	300'	350	Circ
11	8-5/8"	24# & 32#	3,300'	900	Circ
7-7/8	5-1/2"	14#	5,100'	200	4,000'

Propose to drill to 5,100' with rotary tools. BQP's will not be used to drill 17 1/2" hole to 300'. After the 13-3/8" casing is run, cemented and bradenhead installed, 12" API 3000 psi WP BOP's (1 pipe, 1 blind, 1 annular bag type) will be utilized to total depth. Cement will be circulated to the surface on 13-3/8" and 8-5/8" casing strings in order to comply with Rule 111-A. Brine water will be used to drill the entire well with special attention given to maintaining brine at/or near saturated state while drilling the 12-1/4" hole to 3300'. See attached plan of development for details.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 8-4-76

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 Michael P. Houston Title Division Engineer Date April 9, 1976

(This space for State Use)

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE MAY 4 1976

CONDITIONS OF APPROVAL, IF ANY:

XC: 1-JLF, 1-MEC, 1-LMC, 1-JWH, 10-Partners, 6-NMOCC