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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease

STATE ☒ FEE ☐

5. State Oil & Gas Lease No.

K-5953

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		8. Farm or Lease Name State Com
2. Name of Operator Mesa Petroleum Co.		9. Well No. 1
3. Address of Operator P. O. Box 2009, Amarillo, Texas 79105		10. Field and Pool, as Filed Shoe Bar N, Strawn
4. Location of Well UNIT LETTER H LOCATED 2086 FEET FROM THE North LINE AND 766 FEET FROM THE East LINE OF SEC. 14 TWP. 16S RGE. 35E NMPM		12. County Lea
19. Proposed Depth 11,600'		19A. Formation Strawn
20. Rotary or C.T. Rotary		
21. Elevations (Show whether DT, RI, etc.) 3964' GR	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor Robinson Bros.
22. Approx. Date Work will start Feb. 3, 1975		

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	50	350	375	Circ.
12 1/4	9 5/8	36-40	4200	350	2700
8 3/4	7	23	11600	900	7500

The surface hole will be drilled to 350' without blowout preventers. Thereafter, 10" API 3000 psi WP BOP's will be used while drilling to total depth. Numerous wells have been drilled all around the subject location. No abnormal or excessive pressures were encountered while drilling to these identical formations. Water will be the drill fluid to approximately 10,300'. A fresh water gelled mud will be used from 10,300' to total depth.

APPROVED
FOR THE COMMISSION
DIRECTOR OF CONSERVATION

EXPIRES 5-3-75

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 Production Engineer Date January 30, 1975

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DATE [Signature]

CONDITIONS OF APPROVAL, IF ANY: XC: 5 NM 000, 1-Midland, 1-Monsanto, Skelly-1

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