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NEW MEXICO OIL CONSERVATION COMMISSION

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 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 type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name West Knowles	
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, or Wildcat Wildcat	
4. Location of Well UNIT LETTER <u>P</u> LOCATED <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>34</u> TWP. <u>16S</u> RGE. <u>37E</u> NMPM		12. County Lea	
19. Proposed Depth 12,450		19A. Formation Devonian	
20. Rotary or C.T. Rotary		21. Elevations (show whether DF, RT, etc.) 3768 GR	
21A. Kind & Status Plug, Bond Blanket		21B. Drilling Contractor Robinson Bros.	
22. Approx. Date Work will start November 25, 1974			

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	400	425	Circ cement
12 1/4	9 5/8	36	4900	350	3500
8 3/4	to be determined		12450	Suff to bring	cmt to 8500±

API 3000 psi WP BOP's will be utilized. Mud weight will be sufficient to keep permeable formations overbalanced.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,
EXPIRES 1-29-75

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 10-24-74

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT I DATE

CONDITIONS OF APPROVAL, IF ANY:

XO'S NMCC, 1-Midland