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NEW MEXICO OIL CONSERVATION COMMISSION

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30-015-23766

Form C-101
Revised 1-1-65.

MAY 6 1981

O. C. D.
ARTESIA, OFFICE

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. L-6517

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement Name
2. Name of Operator MWJ Producing Company v		8. Farm or Lease Name Dog Canyon 36 "I" State
3. Address of Operator 1804 First National Bank Building, Midland, Texas 79701		9. Well No. 1
4. Location of Well UNIT LETTER <u>I</u> LOCATED <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>36</u> TWP. <u>16S</u> RGE. <u>27E</u> NMPM		10. Field and Pool, or Wildcat Crow Flats Morrow
		12. County Eddy
		19. Proposed Depth 9600'
		19A. Formation Morrow
		20. Rotary or C.T. Rotary
21. Elevations (Show whether DE, RT, etc.)	21A. Kind & Status Plug. Bond Blanket-Current	21B. Drilling Contractor Tri-Service Drilg. Co.
		22. Approx. Date Work will start As soon as possible

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17"	13 3/8"	48#	420'	400 sx.	Surface
11"	8 5/8"	24 & 32#	1900'	1150 sx.	420'
7 7/8"	5 1/2"	15.5 & 17#	9600'	350 sx.	approx. 8900'

Will drill 17" hole to 420' and set 13 3/8", 48# H-40 ST&C Casing. Cement with 400 sacks, circulate to surface. Drill 11" hole to 1900' and set 8 5/8", 24 & 32# casing, cement with 1150 sacks. Estimate top of cement to be at 420'. Drill 7 7/8" hole to TD of 9600' and run 5 1/2" 15.5 and 17# casing. Cement with 350 sx.

Double Ram BOP's to be installed after surface casing has been cemented. Tested to 1,000 psi and utilized to TD.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 11-8-81
UNLESS DRILLING UNDERWAY

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 W. R. Meek Title Agent Date 5/5/81

(This space for State Use)

APPROVED BY W. A. Gussett TITLE SUPERVISOR, DISTRICT II DATE MAY 08 1981

CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to surface behind 13 3/8" & 8 5/8" casing

Notify N.M.O.C.C. in sufficient time to witness cementing the 8 5/8" casing