

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

Form C-101 **38-015-25474**
Revised 10-1-78

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SANTA FE, NEW MEXICO 87501
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5A. Indicate Type of Lease
STATE ☒ REC ☐
5. State Oil & Gas Lease No.
V-301, V-762, V-1586

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 type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Horseshoe State
2. Name of Operator W. A. Moncrief, Jr. ✓		9. Well No. 1
3. Address of Operator Moncrief Building Ninth at Commerce, Ft. Worth, TX 76102		10. Field and Pool, or Wildcat Wildcat - <i>Moncrief</i>
4. Location of Well UNIT LETTER <u>G</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>1980</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>29</u> TWP. <u>23S</u> RGE. <u>25E</u> NMPM		12. County Eddy
19. Proposed Depth 11,000'		19A. Formation Morrow
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) GL 3779'
21A. Kind & Status Plug. Bond \$50,000 Blanket Bond Federal Insur. Co.		21B. Drilling Contractor Sierra Drilling Co.
22. Approx. Date Work will start 11-20-85		

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'	450	Circ.
11"	8-5/8"	24	2600'	1100	Circ.
7-7/8"	5-1/2"	17 and 20	11,000'	500	9,000'

Proposed Drilling Program

1. Drill 17-1/2" hole to 400' using spud mud.
2. Run 13-3/8" casing at 400' and cement with 450 sacks. Circulate cement and wait on cement 18 hours.
3. Drill 11" hole to 2600' using fresh water mud.
4. Run 8-5/8" casing at 2600' and cement with 550 sacks. Circulate cement and wait on cement 18 hours.
5. Drill 7-7/8" hole to 11,000' using 9.0 ppg cut brine from 2600' to 8100', 9.5 ppg mud from 8100' to 11,000'.
6. Run open hole logs.
7. Run 5-1/2" casing and cement to 9000'.

Blowout Preventer Program is attached.

posted IOI
API NL
11-19-85
APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 6-19-86
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 Ed Omar Title Petroleum Engineer Date 11-15-85

(This space for State Use)

Original Signed By
Mike Williams
Oil & Gas Inspector

APPROVED BY _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Notify N.M.O.D.C. in sufficient time to witness

8/8"

NOV 19 1985