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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE ☐ REC ☒

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | | |
|---|--|---|
| 6. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> | | 7. Unit Agreement Name |
| 8. Type of Well 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"/> | | 8. Farm or Lease Name Aetna Eaves |
| 9. Name of Operator Marathon Oil Company | | 9. Well No. 1-Y |
| 10. Address of Operator P. O. Box 2409, Hobbs, New Mexico 88240 | | 10. Field and Pool, or Wildcat Wildcat |
| 11. Location of Well UNIT LETTER C LOCATED 660 FEET FROM THE North LINE 2130 FEET FROM THE West LINE OF SEC. 25 TWP. 16S RGE. 38E NMPLM | | 12. County Lea |
| 19. Proposed Depth 8700' | | 19A. Formation Drinkard |
| 20. Rotary or C.T. Rotary | | |
| 21. Elevations (Show whether DE, RT, etc.) 3685.5' GL | | 21A. Kind & Status Plug. Bond Current |
| 21B. Drilling Contractor Tom Brown, Inc. | | 22. Approx. Date Work will start September 4, 1978 |

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# | 310' | 400 | Circulated |
| 11" | 8 5/8" | 24# | 5000' | 1800 | Circulated |
| 7 7/8" | 5 1/2" | 17# | 8700' | 1500 | Circulated |

Intend to drill to approximately 8700'.

Cement and test all casing by approved methods.

Blowout equipment to be used is 900 Series Cameron or equivalent with remote controls on the derriek floor and closing unit a minimum of 75' from the wellhead.

This well is a replacement for the Aetna Eaves Well No. 1 (P&A 9-2-78).

ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION 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.

Walter R. Ruffin Title Production Engineer Date September 6, 1978

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT DATE SEP 8 1978

CONDITIONS OF APPROVAL, IF ANY: