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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

| | |
|---|------------------------------|
| 5A. Indicate Type of Lease | |
| STATE <input checked="" type="checkbox"/> | FEE <input type="checkbox"/> |
| 5. State Oil & Gas Lease No. | |
| L-4333 | |

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 type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> | | Antebellum Unit | |
| 2. Name of Operator | | 8. Farm or Lease Name | |
| Great Basins Petroleum Co. and American Fuels Corporation | | Antebellum Unit | |
| 3. Address of Operator | | 9. Well No. | |
| % Curry Engineering, P. O. Box 5596, Midland Texas, 79701 | | No. 1 | |
| 4. Location of Well UNIT LETTER <u>N</u> LOCATED <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>21</u> TWP. <u>T23S</u> RGE. <u>R34E</u> NMPM | | 10. Field and Pool, or Wildcat | |
| | | Antelope Ridge | |
| | | 12. County | |
| | | Lea | |
| | | 19. Proposed Depth | |
| | | 13,800 | |
| | | 19A. Formation | |
| | | Penn | |
| | | 20. Rotary or C.T. | |
| | | Rotary | |
| 21. Elevations (Show whether DF, RT, etc.) | | 21A. Kind & Status Plug. Bond | |
| 3481 GL, 3505 DF, 3506 KB | | Single Well | |
| | | 21B. Drilling Contractor | |
| | | Marcum Drg Co. | |
| | | 22. Approx. Date Work will start | |
| | | Upon Approval | |

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|----------|
| 26" | 20" | 133 | 370' | circulate | surf. |
| 17 1/2" | 13 3/8" | 68.61, and 72 | 5100' | 600 | |
| 12 1/4" | 9 5/8" | 43.4, 47 | 12,500' | 800 | |
| 8 3/4" | 7 5/8"* | 38.05 | 13,800' | circulate liner | |

* liner

This well is projected to the top of the Mississippian formation with pipe to be set through and cemented for a conventional perforation type completion in either the Atoka (Penn) or Morrow (Penn) formations expected to be encountered between the depths of 12,000' and 13,800'.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 12-13-73

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 Max E. Curry Title Agent Date 9-6-73

(This space for State Use)

APPROVED BY [Signature] TITLE APPROVED BY DATE 9-6-73

CONDITIONS OF APPROVAL, IF ANY: