

| | |
|------------------------|--|
| NO. OF COPIES RECEIVED | |
| DISTRIBUTION | |
| SANTA FE | |
| FILE | |
| U.S.G.S. | |
| LAND OFFICE | |
| OPERATOR | |

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE ☒ FEE ☐
5. State Oil & Gas Lease No.
L-5104

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | | | |
|--|--|---|--|
| 1a. Type of Work | | 7. Unit Agreement Name | |
| b. Type of Well DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> | | 8. Farm or Lease Name State FO Gas Com | |
| 2. Name of Operator Amoco Production Company | | 9. Well No. 1 | |
| 3. Address of Operator P. O. Box 68, Hobbs, New Mexico 88240 | | 10. Field and Pool or Wildcat Atoka Ridge | |
| 4. Location of Well UNIT LETTER N LOCATED 660 FEET FROM THE South LINE AND 1980 FEET FROM THE West LINE OF SEC. 26 TWP. 23-S RGE. 34-E NMPM | | 12. County Lea | |
| 19. Proposed Depth 13,910 | | 19A. Formation Atoka | |
| 20. Rotary or C.T. Rotary | | 21. Elevations (Show whether DT, RT, etc.) 3,441' GL | |
| 21A. Kind & Status Plug. Bond Blanket on File | | 21B. Drilling Contractor | |
| 22. Approx. Date Work will start | | | |

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|-------------|
| 20" | 16" | 65# | 792 | 440 Sx Circ. | Surf. |
| 14-3/4" | 10-3/4" | 40.5, 51# | 5160 | 4500 Sx Circ. | BTM. of 16" |
| 9-1/2" | 7-5/8" | 39# | 12085 | 2450 Sx | 4725' |
| 6-1/4" | 5" liner | 18# | 11,759-13,890 | 205 Sx | 11759' |

Propose to recompleate from the Morrow intervals 13,380'-92', 13473'-79' to the Atoka interval 13096'-103' per the following:

Kill well with 2% KCL water containing clay stabilizer. Pull tubing and seal assembly. Run in hole with bit and mill out packer set at 12,280. Run cast iron bridge plug and set at 13,320'. Cap with 35' class H cement. Perf. Atoka interval 13096'-103' with 4 SPF. Flow test and evaluate productivity. If stimulation is necessary, will acidize as follows:
Acidize Atoka interval with 2000 gals. of 7-1/2% MS acid containing 4 gals of corrosion inhibitor, 4 gals of surfactant and 4 gal of clay stabilizer with 1000 SCF Nitrogen/bbl. at 2-3 bbl/min. Flow test and evaluate productivity.

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 Mark Randolph Title Administrative Analyst Date 7-27-82

(This space for State Use)

APPROVED BY Orig. Signed by Les Clements TITLE Oil & Gas Insp. DATE JUL 29 1982