

|                 |  |
|-----------------|--|
| WELL COMPLETION |  |
| DISTRIBUTION    |  |
| SAND & SILT     |  |
| FILE            |  |
| U.S.G.S.        |  |
| LAND OFFICE     |  |
| OPERATOR        |  |

# NEW MEXICO OIL CONSERVATION COMMISSION

API # 30-021-20046

Form C-101  
Revised 1-1-69

|                          |                                |                                          |
|--------------------------|--------------------------------|------------------------------------------|
| 5A. Initial Type of Well | STATE <input type="checkbox"/> | FILE <input checked="" type="checkbox"/> |
|--------------------------|--------------------------------|------------------------------------------|

5. State Oil & Gas Lease No.

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

|                                                                                                                                                               |  |                                                  |  |                                                    |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------|--|----------------------------------------------------|--|
| 1a. Type of Work                                                                                                                                              |  |                                                  |  | 7. Unit Agreement No.                              |  |
| b. Type of Well<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> CO2 <input type="checkbox"/> OTHER <input type="checkbox"/> |  |                                                  |  | 8. Name of Lease No.                               |  |
| 2. Name of Operator<br>Amoco Production Company                                                                                                               |  |                                                  |  | 9. Well No.<br>4                                   |  |
| 3. Address of Operator<br>P.O. Drawer "A", Levelland, Texas 79336                                                                                             |  |                                                  |  | 10. Field and Pool, or Well-Und. Tubb              |  |
| 4. Location of Well<br>UNIT LETTER K LOCATED 1980 FEET FROM THE South LINE<br>AND 1980 FEET FROM THE West LINE OF SEC. 34 TWP. 20-N RGE. 33-E NADP            |  |                                                  |  | 11. County<br>Harding                              |  |
| 15. Proposed Depth<br>3640'                                                                                                                                   |  | 19A. Formation<br>Tubb                           |  | 20. Rotary or C.T.<br>Rotary                       |  |
| 21. Elevations (Show whether DT, RT, etc.)<br>4893.7 GR                                                                                                       |  | 21A. Kind & Status Plug. Band<br>Blanket-On File |  | 22. Approx. Date Work will start<br>April 20, 1979 |  |

## PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT       | EST. TOP      |
|--------------|----------------|-----------------|---------------|-----------------------|---------------|
| 12 1/4"      | 8 5/8"         | 24#             | 350'          | Circ to Surf          | Surface       |
| 7 7/8"       | 4 1/2"         | 9.5#            | 2340'         | Tie back to<br>8 5/8" | Btm of 8 5/8" |

After drilling well, logs will be run and evaluation made. Perforating and/or stimulating as necessary in attempting commercial production.

Mud Program: 0 - 350'  
350' - 2640'

Native mud and water.  
Commercial mud to maintain good hole conditions.

BOP program is attached.

Gas is not dedicated.

**OIL CONSERVATION COMMISSION TO BE NOTIFIED  
WITHIN 24 HOURS OF BEGINNING OPERATIONS  
APPROVAL VALID FOR 90 DAYS  
PERMIT EXPIRES 7-11-79  
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 Randy Atkins Title Administrative Analyst Date April 6, 1979

(This space for State Use)

APPROVED BY Carl Ullrich TITLE SENIOR PETROLEUM GEOLOGIST DATE 4/12/79

CONDITIONS OF APPROVAL, IF ANY:

0+5-NMOCD,SF 1-Susp 1-JA  
1-Houston 1-RWA

COLLECT AND SACK SAMPLES FOR  
NEW MEXICO BUREAU OF MINES, SORORRO  
AT AT LEAST TEN FOOT INTERVALS

On 6-5-79 Sitton Drilling Co. (Rig #1) spudded a 12-1/4" hole at 6:30 p.m. Drilled to a TD of 340' and ran 9-5/8" 40# casing set at 335'. Cemented with 175 SX Class C cement with 2% KCL. Circulated 40 SX cement. Plugged down at 3:45 a.m. 6-6-79.

WOC 18 hrs. Tested casing with 900# for 30 minutes. Reduced hole to 8-3/4" and

Drilled to a TD of 2321' and ran 7" 23# & 26# casing set at 2287'. Cemented with 500 SX Class C with 9 1/2" salt/sx. Circulated 38 SX cement. Plug down 5:00 P.M. 6-9-79. WOC 20 hrs. Tested casing with 1500# for 30 min. Test OK. Drilled cement to shoe joint. Cored 2321'-2351'. Recovered 25'. Cored 2351'-2411'. Recovered 57'. Cored 2411'-2471'. Recovered 57'. Cored 2471'-2531'. Recovered 60'. Cored 2531'-2571'. Recovered 40'. Currently waiting on completion unit.

*Handwritten note:*  
Casing set at 2287' - 2321' - 2351' - 2411' - 2471' - 2531' - 2571'