

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other In-  
structions on  
reverse side)FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 19952. LEASE DESIGNATION AND SERIAL NO.  
NM-69369

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Sotol Federal #6

9. API WELL NO.  
30-015- 28864

10. FIELD AND POOL OR WILDCAT

Undesignated (Delaware)

11. SEC., T., R. M., OR BLOCK AND SURVEY  
OR AREA

Sec. 1, T24S, R31E

14. PERMIT NO.

DATE ISSUED

00157.62

COUNTY OR  
PARISH  
Eddy13. STATE  
N.M.

15. DATE SPUDDED 04/09/96 16. DATE T.D. REACHED 04/22/96 17. DATE COMPLETION (Ready to prod.) 05/18/96 18. ELEVATIONS (DF, RAB, RT, GL, ETC.) 3559' KB/3558DF 19. ELEV. CASINGHEAD 3541 GL.

20. TOTAL DEPTH, MD & TVD 8615' 21. PLUG BACK T.D., MD & TVD 8574' 22. IF MULTIPLE COMPLETIONS, HOW MANY? NO 23. INTERVALS DRILLED BY ROTARY TOOLS 0-8615 CABLE TOOLS none

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* Delaware 5964' - 8180' 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL, CNL/LDT 27. WAS WELL CORED No

## 28. CASING RECORD (Report all strings set in well)

| CASING SIZE/GRADE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLES SIZE | TOP OF CEMENT, CEMENTING RECORD                  | AMOUNT PULLED |
|-------------------|-----------------|----------------|------------|--------------------------------------------------|---------------|
| 11 3/4" WC40      | 42#             | 580'           | 14 3/4"    | 440SX, CIRC 160SX                                | none          |
| 8 5/8" M50        | 23#             | 4466'          | 11"        | 1300SX, CIRC 50 SX                               | none          |
| 5 1/2" J55 & K55  | 15.50# & 17#    | 8615'          | 7 7/8"     | 1325SX, CIRC 90SX<br>DV Tool @ 6471' TOC @ 3500' | none          |

## 29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | BACKS CEMENT | SCREEN (MD) | SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|--------------|-------------|--------|----------------|-----------------|
|      |          |             |              |             | 2 7/8" | 8574' 8180'    |                 |

## 31. PREPARATION RECORD (Interval, size and number)

5964-8180 ( 2JSPF, 40 holes )  
( 2JSPF, 28 holes )

## 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE ETC.

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| 8160-80'            | 1,000gals 7-1/2% NEEF ACID       |
|                     | SAND FRAC -72,500gals 30# XL GEL |
| 5964-78'            | 200,000lbs 16/30 OTTAWASAND      |
|                     | 1150gals 7-1/2% NEEF ACID        |

## 33. PRODUCTION

|                       |                 |                                                                      |                         |         |           |                                    |               |
|-----------------------|-----------------|----------------------------------------------------------------------|-------------------------|---------|-----------|------------------------------------|---------------|
| DATE FIRST PRODUCTION |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                         |         |           | WELL STATUS (Producing or shut-in) |               |
| 05/18/96              |                 | Rod Pump 1½"                                                         |                         |         |           | PRODUCING                          |               |
| DATE OF TEST          | RODS TESTED     | CROCK SIZE                                                           | PROD'N. FOR TEST PERIOD | OIL—BBL | GAS—MCF   | WATER—BBL                          | GAS-OIL RATIO |
| 05/28/96              | 24              | NA                                                                   | →                       | 192     | 171       | 220                                | 891           |
| FLOW, TUBING PRESS.   | CASING PRESSURE | CALCULATED 24-HOUR RATE                                              | OIL—BBL                 | GAS—MCF | WATER—BBL | OIL GRAVITY-API (CORR.)            |               |
| NA                    | 30              | →                                                                    | 192                     | 171     | 220       | 42°                                |               |

## 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

ACCEPTED FOR RECORD

TEST WITNESSED BY  
Les Johns

## 35. LIST OF ATTACHMENTS

2 sets Logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED K. Glenn CarterTITLE Sr. Dring. & Prod. Eng.DATE 06/05/96

\*(See Instructions and Spaces for Additional Data on Reverse Side)