

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

| | | | |
|---|--|---|--|
| 1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/> | | 5. LEASE DESIGNATION AND SERIAL NO. NM-88137 | |
| b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other <input type="checkbox"/> | | 6. IF INDIAN, NUTRIEL OR TRIBAL NAME D. 1997 | |
| 2. NAME OF OPERATOR Santa Fe Energy Resources, Inc. | | 7. UNIT AGREEMENT NAME 1997 JUL 10 A 10: 17 | |
| 3. ADDRESS AND TELEPHONE NO. 550 W. Texas, Suite 1330, Midland, TX 79701 | | 8. FARM OR LEASE NAME, WELL NO. HUB 8-15, F&D NGMT. No. RDSWELL OFFICE | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface (A), 660' FNL and 860' FEL, Sec. 15, T-24S, R-29E At top prod. interval reported below At total depth | | 9. API WELL NO. 30-015-29490 | |
| 14. PERMIT NO. | | DATE ISSUED JUL 17 1997 | |
| 15. DATE SPUDDED 4/24/97 | | 16. DATE T.D. REACHED 5/6/97 | |
| 17. DATE COMPL. (Ready to prod.) 6/20/97 | | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 2938' GL | |
| 20. TOTAL DEPTH, MD & TVD 8305' | | 21. PLUG, BACK T.D., MD & TVD 7902' | |
| 22. IF MULTIPLE COMPL., HOW MANY* N/A | | 23. INTERVALS DRILLED BY ROTARY TOOLS A11 | |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 7740'-7864' (Bone Spring) | | 25. WAS DIRECTIONAL SURVEY MADE No | |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN CNL; DLL | | 27. WAS WELL CORED No | |

CASING RECORD (Report all strings set in well)

| CASING SIZE/GRADE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | TOP OF CEMENT, CEMENTING RECORD | AMOUNT PULLED |
|-------------------|-----------------|----------------|-----------|----------------------------------|---------------|
| 13-3/8" H-40 | 48.0# | 358' | 17-1/2" | 400 sx Lite & "C" (circd) | None |
| 8-5/8" K-55 | 32.0# | 2969' | 11" | 1290 sx Poz & "C" (circd) | None |
| 5-1/2" K-55 | 17 & 15.5# | 8305' | 7-7/8" | 1000 sx Lite & "H" (TOC @ 1550') | |

LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
| N/A | | | | | 2-7/8" | 7640' | N/A |

31. PERFORATION RECORD (Interval, size and number)

8112'-8195' (39 holes) - Plugged w/ RBP @ 7902'.

7740'-7864' (52 holes) - Open

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|--|
| 8112'-8195' | RBP set at 7902' |
| 7740'-7864' | 1250 gal 15% HCl & 75 BS. |
| | Frac'd w/33,000 gal gel & 110,000# Ottawa + RC sand. |

33.* PRODUCTION

| | | | | | | | |
|---------------------------------|-------------------------|---|--------------------------------|-------------------|--------------------|---|-------------------------|
| DATE FIRST PRODUCTION 6/5/97 | | PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing | | | | WELL STATUS (Producing or shut-in) Producing | |
| DATE OF TEST 6/20/97 | HOURS TESTED 24 | CHOKE SIZE 16/64" | PROD'N. FOR TEST PERIOD 286 | OIL - BBL. 286 | GAS - MCF. 602 | WATER - BBL. 42 | GAS - OIL RATIO 2105 |
| FLOW. TUBING PRESS. 1100 | CASING PRESSURE 2400 | CALCULATED 24-HOUR RATE 286 | OIL - BBL. 286 | GAS - MCF. 602 | WATER - BBL. 42 | OIL GRAVITY - API (CORR.) 43.6 deg | |

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

Sold

35. LIST OF ATTACHMENTS

C-104, Deviation Survey, Logs

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

SIGNED David R. Glass TITLE Sr. Production Clerk

DATE 7/9/97

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

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME | TOP | |
|-------------|------|--------|-----------------------------|------|-------------|------------------|
| | | | | | MEAS. DEPTH | TRUE VERT. DEPTH |
| Delaware | 2990 | 6708 | Sand, Shale, Silts | | | |
| Bone Spring | 6708 | 7416 | Limestone, Shales | | | |
| 1st BS Sand | 7416 | 8305 | Sandstone, Shale, Silt | | | |
| TD | 8305 | | | | | |