

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

OIL CONSERVATION
ST,
ARTESIA, NM 88210-2834

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

| | | | |
|--|--|---|--|
| 1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> Other <input type="checkbox"/> | | 5. LEASE DESIGNATION AND SERIAL NO. NM-92180 | |
| b. TYPE OF COMPLETION: NEW WELL <input 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"/> Dry hole | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME | |
| 2. NAME OF OPERATOR Santa Fe Energy Resources, Inc. | | 7. UNIT AGREEMENT NAME | |
| 3. ADDRESS AND TELEPHONE NO. 550 W. Texas, Suite 1330, Midland, TX 79701 915/687-3551 | | 8. FARM OR LEASE NAME, WELL NO. Charger "29" Federal #1 | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface (E), 1780' FNL & 810' FWL, Sec. 29, T-23S, R-30E At top prod. interval reported below At total depth | | 9. API WELL NO. 30-015-28808 | |
| 14. PERMIT NO. | | DATE ISSUED | |
| 15. DATE SPUDDED 2/29/96 | | 16. DATE T.D. REACHED 3/12/96 | |
| 17. DATE COMPL. (Ready to prod.) 4/11/96 | | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3088' GR | |
| 19. ELEV. CASINGHEAD | | 20. TOTAL DEPTH, MD & TVD 7450' | |
| 21. PLUG, BACK T.D., MD & TVD 7403' | | 22. IF MULTIPLE COMPL., HOW MANY* N/A | |
| 23. INTERVALS DRILLED BY ROTARY TOOLS A11 | | CABLE TOOLS N/A | |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* None | | 25. WAS DIRECTIONAL SURVEY MADE No | |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN AIT/LDT/CNL/GR | | 27. WAS WELL CORED No | |

| 28. 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# | 625' | 17-1/2" | 800 sx Lite & "C" (circ'd | None |
| 8-5/8" J-55 | 32.0# | 3320' | 11" | 800 sx POZ & "C" (circ'd) | None |
| 5-1/2" J-55 | 15.5# | 7450' | 7-7/8" | 740 sx Lite & "H" (TOC @ | 2500' TS) |

| 29. LINER RECORD | | | | 30. TUBING RECORD | | |
|------------------|----------|-------------|---------------|-------------------|--------|----------------|
| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE | DEPTH SET (MD) |
| N/A | | | | | 2-7/8" | 7138' |

| 31. PERFORATION RECORD (Interval, size and number) | | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. | |
|--|--|--|----------------------------------|
| 7190'-7220' (121 holes) w/ 4" csg gun | | DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
| | | 7190'-7220' | 2000 gals 15% NEFe dbl-inh. |
| | | | Frac w/ 40,450 gals x-linked |
| | | | wtr w/ 101,750# 16/30 Ottawa |
| | | | snd & 24,000# resin coated. |

| | | | | | | | |
|---|--|-------------------------|-------------------------|------------|--------------|---------------------------|-----------------|
| 33.* PRODUCTION | | | | | | | |
| DATE FIRST PRODUCTION N/A | PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Well was swab tested | | | | | | |
| WELL STATUS (Producing or shut-in) Shut-in | | | | | | | |
| DATE OF TEST N/A | HOURS TESTED | CHOKE SIZE | PROD'N. FOR TEST PERIOD | OIL - BBL. | GAS - MCF. | WATER - BBL. | GAS - OIL RATIO |
| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL - BBL. | GAS - MCF. | WATER - BBL. | OIL GRAVITY - API (CORR.) | |

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

35. LIST OF ATTACHMENTS
Deviation Survey, Logs, & C-104 for Change of Operator

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

SIGNED [Signature] TITLE Sr. Production Clerk

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

ACCEPTED FOR RECORD
MAY 22 1996
RLSBAD, NEW

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 Bone Spring | 3452 | 7249 | Very Fine grain sands & dolomitic siltstones Carbonates, silty shales, shaley sands | Ramsey Sand | 3493 | |
| | 7249 | | | Manzanita | 4412 | |
| | | | | Marker | | |
| | | | | Brushy Canyon | 5928 | |
| | | | | Avalon Sand | 7356 | |