

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, 1995

5. LEASE DESIGNATION AND SERIAL NO.

NM-0415688-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐  
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR ☐ Other ☐

2. NAME OF OPERATOR

Santa Fe Energy Resources, Inc.

3. ADDRESS AND TELEPHONE NO.

550 W. Texas, Suite 1330, Midland, TX 79701

915/686-6612

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface

(G), 1980' FNL and 1980' FEL, Sec. 17, T-22S, R-28E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

8. FARM OR LEASE NAME, WELL NO.

Foal "17" Federal No. 1

9. API WELL NO.

30-015-29656

10. FIELD AND POOL, OR WILL CAT

W Indian Flats

Under Strawn

11. SEC., T., R., M., OR BLK.

AND SURVEY OR AREA

Sec. 17, T-22S, R-28E

12. COUNTY OR  
PARISH

Eddy

13. STATE

NM

15. DATE SPUNDED

7/10/98

16. DATE T.D. REACHED

8/27/98

17. DATE COMPL. (Ready to prod.)

3/6/99

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

3077' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD &amp; TVD

12,440'

21. PLUG, BACK T.D., MD &amp; TVD

10,695'

22. IF MULTIPLE COMPL.,  
HOW MANY\*

N/A

23. INTERVALS  
DRILLED BYROTARY TOOLS  
0 - 12,440'CABLE TOOLS  
N/A

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)\*

10,626' - 10,628' (Strawn)

25. WAS DIRECTIONAL  
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

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 & 54.5#    | 480'           | 17-1/2"   | 495 sx C1 "C" (circ'd)          | None          |
| 9-5/8" K-55       | 36.0#           | 2,344'         | 11"       | 700 sx C1 "C" (circ'd)          | None          |
| 7" S-95           | 23.0#           | 11,060'        | 8-3/4"    | 350 sx 50/50 Poz (TOC 9,060')   | TS) None      |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
|      |          |             |               |             | 2-3/8" | 10,536'        | 10,569'         |

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

TD 12,440' plugged back w/CIBP set @ 11,025' &amp; 40' cmt.

10,798'-816' (73 holes) &amp; 10,726'-763' (92 holes)

plugged. 10,626'-10,628' (5 JSPF) Open

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED  |
|---------------------|-----------------------------------|
| 10,726'-10,816'     | CIBP @ 10,715' w/ 20' cmt on top. |
| 10,626'-628'        | Natural completion                |

33.\* PRODUCTION

|                                 |                         |                                                                                   |                              |                   |                   |                                                 |                                   |
|---------------------------------|-------------------------|-----------------------------------------------------------------------------------|------------------------------|-------------------|-------------------|-------------------------------------------------|-----------------------------------|
| DATE FIRST PRODUCTION<br>3/5/99 |                         | PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)<br>Flowing |                              |                   |                   | WELL STATUS (Producing or shut-in)<br>Producing |                                   |
| DATE OF TEST<br>3/21/99         | HOURS TESTED<br>24      | CHOKE SIZE<br>20/64"                                                              | PROD'N. FOR TEST PERIOD<br>4 | OIL - BBL.<br>4   | GAS - MCF.<br>129 | WATER - BBL.<br>0                               | GAS - OIL RATIO<br>32,250         |
| FLOW. TUBING PRESS.<br>544      | CASING PRESSURE<br>pkf. | CALCULATED 24-HOUR RATE<br>4                                                      |                              | GAS - MCF.<br>129 | WATER - BBL.<br>0 |                                                 | OIL GRAVITY - API (CORR.)<br>42.4 |

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

Sold

35. LIST OF ATTACHMENTS

Deviation Survey, Logs, C-104

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

SIGNED

Jenny McCullough

TITLE Sr. Prod. Clerk

BLM

DATE

3/29/99

(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):

| FORMATION     | TOP    | BOTTOM | DESCRIPTION, CONTENTS, ETC. | GEOLOGIC MARKERS |             |                  |
|---------------|--------|--------|-----------------------------|------------------|-------------|------------------|
|               |        |        |                             | NAME             | MEAS. DEPTH | TRUE VERT. DEPTH |
| Cherry Canyon |        |        |                             | Delaware         | 2,431       |                  |
| 'Ide' Sand    | 3,510  | 3,645  | Oil & Water                 | Bone Spring      | 5,931       |                  |
| Strawn        | 10,614 | 11,150 | Gas & Water                 | Wolfcamp         | 9,407       |                  |
| Lower Morrow  | 12,268 | 12,368 | Water                       | Strawn           | 10,614      |                  |
|               |        |        |                             | Atoka            | 11,150      |                  |
|               |        |        |                             | Morrow           | 11,338      |                  |
|               |        |        |                             | Morrow Clastics  | 11,780      |                  |

RECEIVED  
APR 01 1988