

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

See other In-  
structions on  
reverse side

LEASE DESIGNATION AND SERIAL NO.

NM-45236

IF INDIAN, ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NAME

FARM OR LEASE NAME

Sterling Silver 33 Federal

WELL NO.

11

FIELD AND POOL, OR WILDCAT

Sand Dunes, W. (Delaware)

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

Sec. 33, T-23S, R-31E

COUNTY OR  
PARISH

Eddy

STATE

NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐ RECEIVED

b. TYPE OF COMPLETION:

NEW ☒

WORK ☐

DEEP- ☐

PLUG ☐

DIFF. ☐

Other ☐

NOV - 2 1993

2. NAME OF OPERATOR

Santa Fe Energy Operating Partners, L.P.

3. ADDRESS OF OPERATOR

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

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

At surface

(B), 730' FNL and 2310' FEL, Sec. 33, T-23S, R-31E

At top prod. interval reported below

At total depth

14. PERMIT NO. API # DATE ISSUED

30-015-27611

15. DATE SPUDDED

8-29-93

16. DATE T.D. REACHED

9-15-93

17. DATE COMPL. (Ready to prod.)

9-30-93

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

3388' GR

19. ELEV. CASINGHEAD

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20. TOTAL DEPTH, MD & TVD

8115'

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

8067'

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)\*

7932'-7972' (Delaware)

25. WAS DIRECTIONAL  
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DSI; PDS/CNS

27. WAS WELL CORED

No

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

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD                         | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|------------------------------------------|---------------|
| 13-3/8"     | 48.0            | 583'           | 17-1/2"   | 300 sx Lite + 300 sx C1 C                | None          |
| 8-5/8"      | 32.0            | 4190'          | 12-1/4"   | 1500 sx Lite + 450 sx "C"                | None          |
| 5-1/2"      | 15.5 & 17.0     | 8115'          | 7-7/8"    | 465 sx H, 250 sx Lite +<br>200 sx C-Neat | None          |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) |
|------|----------|-------------|---------------|-------------|
| N/A  |          |             |               |             |

30. TUBING RECORD

| SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|--------|----------------|-----------------|
| 2-7/8" | 7898'          | N/A             |

31. PERFORATION RECORD (Interval, size and number)

7932'-7972' 1 SPF (40 holes) 4" csg gun

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED                                                                                      |
|---------------------|-----------------------------------------------------------------------------------------------------------------------|
| 7932'-7972'         | 1500 gal 7 1/2% HCl + 75 BS.<br>Frac w/ 54,900 gal gel +<br>73,500# 16-30 Ottawa sand &<br>15,000# resin coated sand. |

33.\* PRODUCTION

|                       |                 |                                                                      |                         |          |            |                                    |               |
|-----------------------|-----------------|----------------------------------------------------------------------|-------------------------|----------|------------|------------------------------------|---------------|
| DATE FIRST PRODUCTION |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                         |          |            | WELL STATUS (Producing or shut-in) |               |
| 9-30-93               |                 | Flowing                                                              |                         |          |            | Producing                          |               |
| DATE OF TEST          | HOURS TESTED    | CHOKE SIZE                                                           | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF.   | WATER—BBL.                         | GAS-OIL RATIO |
| 10-3-93               | 24              | 24/64                                                                | →                       | 441      | 524        | 187                                | 1188          |
| FLOW. TUBING PRESS.   | CASING PRESSURE | CALCULATED 24-HOUR RATE                                              | OIL—BBL.                | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.)            |               |
| 420                   | 1000            | →                                                                    | 441                     | 524      | 187        | 40°                                |               |

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

Vented during test - connected to Llano, Inc. on 10-4-93

35. LIST OF ATTACHMENTS

C-104, Logs, Deviation Survey

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

SIGNED

Jerry McCullough

TITLE

Sr. Production Clerk

CARLSBAD, NEW MEXICO 1993

\*(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                 | MEAS. DEPTH | TRUE VERT. DEPTH |
|                                                                                                                                                                                                                                                     |     |        | No cores or DST's taken     |  | Rustler              | 457         |                  |
|                                                                                                                                                                                                                                                     |     |        |                             |  | Salado               | 862         |                  |
|                                                                                                                                                                                                                                                     |     |        |                             |  | Base Salt            | 4070        |                  |
|                                                                                                                                                                                                                                                     |     |        |                             |  | Lamar                | 4247        |                  |
|                                                                                                                                                                                                                                                     |     |        |                             |  | Bell Canyon          | 4275        |                  |
|                                                                                                                                                                                                                                                     |     |        |                             |  | Ramsey               | 4297        |                  |
|                                                                                                                                                                                                                                                     |     |        |                             |  | Cherry Canyon        | 5164        |                  |
|                                                                                                                                                                                                                                                     |     |        |                             |  | Manzanita Marker     | 5304        |                  |
|                                                                                                                                                                                                                                                     |     |        |                             |  | Brushy Canyon        | 6432        |                  |
|                                                                                                                                                                                                                                                     |     |        |                             |  | Bone Spring          | 8050        |                  |