

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

AT OIL COM. COM. 100  
SUBMITTAL  
Drawer DD  
See other in-  
structions on  
the side  
88210

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

LEASE DESIGNATION AND SERIAL NO.  
NM-45235  
IF INDIAN ALLOTTEE OR TRIBE 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 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 (N), 330' FSL and 1980' FWL, Sec. 17, T-23S, R-31E

At top prod. interval reported below

At total depth

14. PERMIT NO. API#  
30-015-27397

DATE ISSUED

12. COUNTY OR PARISH  
Eddy

13. STATE  
NM

15. DATE SPUNDED

6-3-93

16. DATE T.D. REACHED

6-15-93

17. DATE COMPL. (Ready to prod.)

6-27-93

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

3326' GR

19. ELEV. CASINGHEAD

--

20. TOTAL DEPTH, MD & TVD

8023'

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

8010'

22. IF MULTIPLE COMPL. HOW MANY\*

N/A

23. INTERVALS DRILLED BY

ROTARY TOOLS

All

CABLE TOOLS

--

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

7834'-7890' (Delaware)

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

ZDL/CN/GR; DLL/MLL/GR

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#             | 600'           | 17-1/2"   | 800 sx C1 C                            | None          |
| 8-5/8"      | 32#             | 4070'          | 12-1/4"   | 1300 sx C-Lite + 500 sx C1 C           | C             |
| 5-1/2"      | 15.5 & 17       | 8023'          | 7-7/8"    | 500 sx H, 250 sx Lite, and 400 sx Neat |               |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
| N/A  |          |             |               |             | 2-7/8" | 7725'          | --              |

31. PERFORATION RECORD (Interval, size and number)

7834'-7890' (56 holes) .46 Dia

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED                                                                  |
|---------------------|---------------------------------------------------------------------------------------------------|
| 7834'-7890'         | 1400 gal 7 1/2% Pentol 100 w/ 112 ball sealers. Frac w/ 60,500 gals 35# gel + 112,500# 16/30 sand |

33.\* PRODUCTION

|                       |                 |                                                                      |                         |                     |            |                         |                                    |  |
|-----------------------|-----------------|----------------------------------------------------------------------|-------------------------|---------------------|------------|-------------------------|------------------------------------|--|
| 33.*                  |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                         |                     |            |                         | WELL STATUS (Producing or shut-in) |  |
| DATE FIRST PRODUCTION |                 | Flowing                                                              |                         |                     |            |                         | Producing                          |  |
| 6-30-93               |                 |                                                                      |                         |                     |            |                         |                                    |  |
| DATE OF TEST          | HOURS TESTED    | CHOKE SIZE                                                           | PROD'N. FOR TEST PERIOD | OIL—BBL.            | GAS—MCF.   | WATER—BBL.              | GAS-OIL RATIO                      |  |
| 7-1-93                | 24              | 24/64"                                                               | →                       | 255                 | 269        | 334                     | 1055                               |  |
| FLOW. TUBING PRESS.   | CASING PRESSURE | CALCULATED 24-HOUR RATE                                              | OIL—BBL.                | GAS—MCF.            | WATER—BBL. | OIL GRAVITY-API (CORR.) |                                    |  |
| 390                   | 1000            | →                                                                    | 255                     | ACCEPTED FOR RECORD |            | 40°                     |                                    |  |

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

Sold - Llano, Inc.

35. LIST OF ATTACHMENTS

C-104, Logs (Deviation survey not yet received - will forward ASAP)

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

SIGNED

*James McCullough*

TITLE Sr. Production Clerk

DATE July 2, 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, flowing and shut-in pressures, and recoveries):

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC.      |
|-----------|-----|--------|----------------------------------|
|           |     |        | No Cores taken<br>No DST's taken |

38. GEOLOGIC MARKERS

| NAME          | TOP         |                  |
|---------------|-------------|------------------|
|               | MEAS. DEPTH | TRUE VERT. DEPTH |
| Base Salt     | 3818        | 3818             |
| Lamar LS      | 4047        | 4047             |
| Bell Canyon   | 4062        | 4062             |
| Cherry Canyon | 5106        | 5106             |
| Manzanita Mrk | 5165        | 5165             |
| Bone Spring   | 7937        | 7937             |

WELL NAME & NUMBER Pure Gold C-17, Fed. #11

RECEIVED

LOCATION Sec. 17, T23S, R31E  
(Give Unit, Section, Township and Range)

JUL 26 1993

OPERATOR Santa Fe Energy 550 W. Texas, Ste. 1330 Midland, Tx. 79702

G.C.D.

DRILLING CONTRACTOR Grace Drilling Company P.O. Box 13480 Odessa, Tx. 79768

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

| DEGREES @ DEPTH | DEGREES @ DEPTH | DEGREES @ DEPTH | DEGREES @ DEPTH |
|-----------------|-----------------|-----------------|-----------------|
| 0.75 308        | 0.25 6030       |                 |                 |
| 1.25 600        | 1.00 6529       |                 |                 |
| 0.75 1103       | 0.75 7017       |                 |                 |
| 0.75 1601       | 1.00 7504       |                 |                 |
| 1.25 2099       |                 |                 |                 |
| 0.25 2600       |                 |                 |                 |
| 0.75 3093       |                 |                 |                 |
| 3.00 3594       |                 |                 |                 |
| 3.25 3687       |                 |                 |                 |
| 3.25 3779       |                 |                 |                 |
| 2.75 3872       |                 |                 |                 |
| 1.75 4070       |                 |                 |                 |
| 0.75 4570       |                 |                 |                 |
| 1.00 5065       |                 |                 |                 |
| 0.50 5534       |                 |                 |                 |

Drilling Contractor Grace Drilling Company

By L. V. Bohannon  
L. V. Bohannon, Drig. Supt.

Subscribed and sworn to before me this 8 day of July, 19 93

Joann McMahon  
Notary Public

My Commission Expires \_\_\_\_\_

Ector County TX

