

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                         |  |
|-------------------------|--|
| TO: BY: COPIES RECEIVED |  |
| DISTRIBUTION            |  |
| SANTA FE                |  |
| FILE                    |  |
| U.S.G.S.                |  |
| LAND OFFICE             |  |
| OPERATOR                |  |

TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

TYPE OF COMPLETION

NEW ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

NAME OF OPERATOR

Santa Fe Exploration Company (505-623-2733)

ADDRESS OF OPERATOR

P.O. Box 1136/Roswell, NM 88201

LOCATION OF WELL

SECT. H LOCATED 1980 FEET FROM THE North LINE AND 560 FEET FROM

East LINE OF SEC. 18 TWP. 18-S RGL. 34E NMPM

Date Drilled

3/30/83

16. Date T.D. Reached

2/27/84

17. Date Compl. (Ready to Prod.)

10/9/84

16. Elevations (DF, RKB, RT, GK, etc.)

4072.3 GL

19. Elev. Casinghead

N/A

Total Depth

14,002'

21. Plug Back T.D.

8,650'

22. If Multiple Compl., How Many

N/A

23. Intervals Drilled By

Rotary Tools

Cable Tools

200-14,002'

0'-200'

24. Intervals of this completion - Top, Bottom, Name

8576-8588'

25. Was Directional Drilling Made

Yes

26. Type Electric and Other Logs Run

GR-S, GR-FDC-CNL, GR-DLL-MSFL &amp; DM

27. Was Well Cored

Yes

## CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD          | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|---------------------------|---------------|
| 13-3/8"     | 54.5           | 409'      | 17-1/2"   | 425 sx "C"                | None          |
| 8-5/8"      | 32             | 5249'     | 12-1/4"   | 2700 sx Lite + 200 sx "C" | None          |
| 5-1/2"      | 17             | 14000'    | 7-7/8"    | 1050 sx "H"               | 5000'         |
| 5-1/2"      | 15.5           | 5000'     | 7-7/8"    | 75 sx "C"                 | None          |

## LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE   | DEPTH SET | PACKER SET |
|------|-----|--------|--------------|--------|--------|-----------|------------|
|      |     |        |              |        | 2-7/8" | 8620'     | N/A        |

28. Perforation Record (Interval, size and number)

8576-8588' (4 spf)

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------|-------------------------------|
| 8576-8588'     | Spot 200 gal 15% NEFE         |
|                | Acidize w/2,000 gal 15% MSR   |
|                | w/800 std cu ft nitrogen/bbl  |

## PRODUCTION

|                                                                |                        |                                                                                |                              |                  |                   |                                             |                           |
|----------------------------------------------------------------|------------------------|--------------------------------------------------------------------------------|------------------------------|------------------|-------------------|---------------------------------------------|---------------------------|
| First Production<br>10-9-84                                    |                        | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>Pumping |                              |                  |                   | Well Status (Prod. or Shut-in)<br>Producing |                           |
| Date of Test<br>10-10-84                                       | Hours Tested<br>24     | Choke Size<br>N/A                                                              | Prod'n. For Test Period<br>→ | Oil - Bbl.<br>25 | Gas - MCF<br>25   | Water - Bbl.<br>0                           | Gas - Oil Ratio<br>1000:1 |
| Is Tubing Present<br>N/A                                       | Casing Pressure<br>N/A | Calculated 24-Hour Rate<br>→                                                   | Oil - Bbl.<br>25             | Gas - MCF<br>25  | Water - Bbl.<br>0 | Oil Gravity - API (Corr.)<br>38             |                           |
| Disposition of Gas (Sold, used for fuel, vented, etc.)<br>Sold |                        |                                                                                |                              |                  |                   | Test Witnessed By<br>H. E. Lee              |                           |

List of Attachments

None - Logs &amp; Deviation Survey filed 7/13/84

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED *Steve L. Simmons*

TITLE Steve L. Simmons/Agent

DATE 10/10/84

# INSTRUCTIONS

Reports are to be filed with the appropriate District Office of the Division not later than 30 days after the completion of an investigation. Reports shall be accompanied by one copy of all electrical and photographic logs and one well log. If a well log is not available, a sketch of the well shall be submitted. All depths reported shall be measured depths. In the case of direct, indirect, or indirect, true vertical depth shall be reported. For multiple casing strings, Items 30 through 34 shall be reported for each casing. The formation logs shall be reported in the order in which they are required. See Rule 1105.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

### Northwestern New Mexico

|                 |                  |                      |                |
|-----------------|------------------|----------------------|----------------|
| Anhy 1795       | T. Canyon        | T. Ojo Alamo         | T. Penn. 11450 |
| T. Salt         | T. Strawn 12,519 | T. Kirtland-Purified | T. Penn. 11450 |
| T. Salt         | T. Atoka 12,650  | T. Pictured Cliffs   | T. Penn. 11450 |
| T. Yates 3244   | T. Murrw 13,136  | T. Chis. House       | T. Penn. 11450 |
| T. Yates 3693   | T. Chstr 13,878  | T. Manfey            | T. Penn. 11450 |
| T. Yates 4424   | T. Silurian      | T. Mont. Limestone   | T. Penn. 11450 |
| T. Yates 5120   | T. Montoya       | T. Mont. Limestone   | T. Penn. 11450 |
| T. Yates        | T. Simpson       | T. Gallia            | T. Penn. 11450 |
| T. Yates        | T. McKee         | T. Pose. Gr. chert   | T. Penn. 11450 |
| T. Yates        | T. Ellenburg     | T. T. Limestone      | T. Penn. 11450 |
| T. Yates        | T. Gr. Wash.     | T. Morrison          | T. Penn. 11450 |
| T. Yates        | T. Granite       | T. T. Limestone      | T. Penn. 11450 |
| T. Yates        | T. Delaware Sand | T. T. Limestone      | T. Penn. 11450 |
| T. Yates        | T. Bone Springs  | T. T. Limestone      | T. Penn. 11450 |
| T. Yates 10,581 | T. T. Limestone  | T. T. Limestone      | T. Penn. 11450 |
| T. Yates        | T. T. Limestone  | T. T. Limestone      | T. Penn. 11450 |
| T. Yates        | T. T. Limestone  | T. T. Limestone      | T. Penn. 11450 |

### OIL OR GAS SANDS OR ZONES

|             |             |
|-------------|-------------|
| No. 1, from | No. 4, from |
| No. 2, from | No. 5, from |
| No. 3, from | No. 6, from |

### IMPORTANT WATER SANDS

|             |             |
|-------------|-------------|
| No. 1, from | No. 4, from |
| No. 2, from | No. 5, from |
| No. 3, from | No. 6, from |
| No. 4, from | No. 7, from |

### FORMATION RECORD (Attach additional sheets if necessary)

| From  | To    | Thickness in Feet | Formation            | From  | To    | Thickness in Feet | Formation          |
|-------|-------|-------------------|----------------------|-------|-------|-------------------|--------------------|
| 0     | 1795  | 1795              | Sand & Gravel        | 11450 | 12770 | 1320              | Shale & Lime       |
| 1795  | 3160  | 1365              | Anhy & Salt          | 12770 | 13810 | 1040              | Lime, Sand & Shale |
| 3160  | 4900  | 1740              | Anhy                 | 13810 | 13880 | 70                | Sand & Shale       |
| 4900  | 5140  | 240               | Dolo & Sand          | 13880 | 14002 | 122               | Lime & Shale       |
| 5140  | 5250  | 110               | Dolo & Shale         |       |       |                   |                    |
| 5250  | 7180  | 1930              | Dolo & Sd            |       |       |                   |                    |
| 7180  | 8500  | 1320              | Dolo & Shale & Chert |       |       |                   |                    |
| 8500  | 8810  | 310               | Dolo & Sd            |       |       |                   |                    |
| 8810  | 8850  | 40                | Shale & Chert        |       |       |                   |                    |
| 8850  | 9440  | 590               | Dolo & Sand          |       |       |                   |                    |
| 9440  | 10670 | 1230              | Sand & Shale & Dolo  |       |       |                   |                    |
| 10670 | 10740 | 70                | Dolo & Lime          |       |       |                   |                    |
| 10740 | 11100 | 260               | Dolo & Chert         |       |       |                   |                    |
| 11100 | 11450 | 450               | Dolo, Shale & Chert  |       |       |                   |                    |

OCT 17 1984

42015 01-22