

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

|                        |  |
|------------------------|--|
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| SANTA FE               |  |
| FILE                   |  |
| U.S.G.S.               |  |
| LAND OFFICE            |  |
| OPERATOR               |  |

|                                |                                         |
|--------------------------------|-----------------------------------------|
| 5a. Indicate Type of Lease     |                                         |
| State <input type="checkbox"/> | Fee <input checked="" type="checkbox"/> |

5. State Oil &amp; Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

Eva Owens A

9. Well No.

3

10. Field and Pool, or Wildcat

Drinkard

12. County

Lea

1a. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. TYPE OF COMPLETION

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

2. Name of Operator

Sun Exploration &amp; Production Company

3. Address of Operator

P. O. Box 1861, Midland, Texas 79702

4. Location of Well

UNIT LETTER K LOCATED 1980 FEET FROM THE South LINE AND 1980 FEET FROM  
THE West LINE OF SEC. 25 TWP. 21-S RGE. 37-E NMPM

15. Date Spudded

11-26-83

16. Date T.D. Reached

12-18-83

17. Date Compl. (Ready to Prod.)

1-20-83

18. Elevations (DF, RKB, RT, GR, etc.)

33765 GR

19. Elev. Casinghead

20. Total Depth

6700

21. Plug Back T.D.

6690

22. If Multiple Compl., How Many

23. Intervals Drilled By

Rotary Tools

X

Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name

6554-6700 (DRINKARD)

25. Was Directional Survey Made

yes

26. Type Electric and Other Logs Run

CR-CAL

27. Was Well Cored

no

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

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD   | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|--------------------|---------------|
| 8-5/8       | 24#            | 1375      | 12-1/4    | 925 sx "C"         |               |
| 5-1/2       | 14#            | 6700      | 7-7/8     | 2100 sx Lite & "C" |               |
|             |                |           |           |                    |               |
|             |                |           |           |                    |               |

29. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN |
|------|-----|--------|--------------|--------|
|      |     |        |              |        |
|      |     |        |              |        |
|      |     |        |              |        |

30. TUBING RECORD

| SIZE  | DEPTH SET | PACKER SET |
|-------|-----------|------------|
| 2-7/8 | 6653      |            |
|       |           |            |
|       |           |            |

31. Perforation Record (Interval, size and number)

6663-6690 (14 holes) Drinkard

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED   |
|----------------|---------------------------------|
| 6663-6690      | Acidzd w/30000 gal 15% NEFF HCL |
| Fraced w/28500 | purge 30 w 33% CO2 2900#        |
| 20-40 sd.      |                                 |
|                |                                 |

33. PRODUCTION

|                       |                 |                                                                     |                         |            |              |                                |                 |
|-----------------------|-----------------|---------------------------------------------------------------------|-------------------------|------------|--------------|--------------------------------|-----------------|
| Date First Production |                 | Production Method (Flowing, gas lift, pumping - Size and type pump) |                         |            |              | Well Status (Prod. or Shut-in) |                 |
| 1-9-84                |                 | 2-1/2 x 1-1/2 x 22' pump                                            |                         |            |              | prod                           |                 |
| Date of Test          | Hours Tested    | Choke Size                                                          | Prod'n. For Test Period | Oil - Bbl. | Gas - MCF    | Water - Bbl.                   | Gas - Oil Ratio |
| 2-1-84                | 24              |                                                                     |                         | 23         | 102          | 17                             | 4435/1          |
| Flow Tubing Press.    | Casing Pressure | Calculated 24-Hour Rate                                             | Oil - Bbl.              | Gas - MCF  | Water - Bbl. | Oil Gravity - API (Corr.)      |                 |
|                       |                 |                                                                     |                         |            |              | 39.9                           |                 |

34. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

Test Witnessed By

35. List of Attachments

C-104, inclination report

36. 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

Alva Franco

TITLE

Senior Accounting Assistant

DATE

2-7-84

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

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

### Southeastern New Mexico

### Northwestern New Mexico

|                           |                  |                       |                   |
|---------------------------|------------------|-----------------------|-------------------|
| T. Anhy <u>1346</u>       | T. Canyon        | T. Ojo Alamo          | T. Penn. "B"      |
| T. Salt                   | T. Strawn        | T. Kirtland-Fruitland | T. Penn. "C"      |
| B. Salt                   | T. Atoka         | T. Pictured Cliffs    | T. Penn. "D"      |
| T. Yates <u>2688</u>      | T. Miss          | T. Cliff House        | T. Leadville      |
| T. 7 Rivers               | T. Devonian      | T. Menefee            | T. Madison        |
| T. Queen                  | T. Silurian      | T. Point Lookout      | T. Elbert         |
| T. Grayburg               | T. Montoya       | T. Mancos             | T. McCracken      |
| T. San Andres <u>4176</u> | T. Simpson       | T. Gallup             | T. Ignacio Qtzite |
| T. Glorieta <u>5301</u>   | T. McKee         | Base Greenhorn        | T. Granite        |
| T. Paddock                | T. Ellenburger   | T. Dakota             |                   |
| T. Blinney <u>5730</u>    | T. Gr. Wash      | T. Morrison           |                   |
| T. Tubb <u>6209</u>       | T. Granite       | T. Todilto            |                   |
| T. Drinkard <u>6554</u>   | T. Delaware Sand | T. Entrada            |                   |
| T. Abo                    | T. Bone Springs  | T. Wingate            |                   |
| T. Wolfcamp               |                  | T. Chinle             |                   |
| T. Penn.                  |                  | T. Permian            |                   |
| T. Cisco (Bough C)        |                  | T. Penn. "A"          |                   |

### OIL OR GAS SANDS OR ZONES

|                                                 |                            |
|-------------------------------------------------|----------------------------|
| No. 1, from <u>5655</u> to <u>6095 (select)</u> | No. 4, from _____ to _____ |
| No. 2, from <u>6212</u> to <u>6435 (select)</u> | No. 5, from _____ to _____ |
| No. 3, from <u>6655</u> to <u>6695</u>          | No. 6, from _____ to _____ |

### IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

|                                 |
|---------------------------------|
| No. 1, from _____ to _____ feet |
| No. 2, from _____ to _____ feet |
| No. 3, from _____ to _____ feet |
| No. 4, from _____ to _____ feet |

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

| From | To   | Thickness in Feet | Formation                                              | From | To | Thickness in Feet | Formation |
|------|------|-------------------|--------------------------------------------------------|------|----|-------------------|-----------|
| 1346 | 2688 | 1342              | Anhydrite w/inter bedded salt & shale                  |      |    |                   |           |
| 2688 | 4176 | 1488              | Interbedded anhydrite dolomite and dolomitic sandstone |      |    |                   |           |
| 4176 | 5100 | 924               | Dolomite                                               |      |    |                   |           |
| 5100 | 5300 | 200               | Limestone                                              |      |    |                   |           |
| 5300 | 6700 | 1400              | Dolomite w/interbedded shale                           |      |    |                   |           |

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