

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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WELL COMPLETION OR RECOMPLETION REPORT AND LOG

API NO. 30-025-28512

5a. Indicate Type of Lease  
State ☒ Fee ☐

5. State Oil & Gas Lease No.  
983-2

1a. TYPE OF WELL  
OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER WIW

b. TYPE OF COMPLETION  
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

7. Unit Agreement Name

8. Farm or Lease Name

State "A" A/C1

9. Well No.

117

10. Field and Pool, or Wildcat  
Langlie Mattix Seven  
Rivers Queen Grayburg

2. Name of Operator  
Sun Exploration & Production Co.

3. Address of Operator  
PO Box 1861, Midland, Texas 79702

4. Location of Well

UNIT LETTER K LOCATED 1395 FEET FROM THE South LINE AND 1345 FEET FROM

THE West LINE OF SEC. 3 TWP. 23-S RGE. 36-E NMPM

12. County

Lea

15. Date Spudded 3-17-84 16. Date T.D. Reached 3-24-84 17. Date Compl. (Ready to Prod.) 4-11-84 18. Elevations (DF, RKB, RT, GR, etc.) 3468' GR 19. Elev. Casinghead

20. Total Depth 3830 21. Plug Back T.D. 3815 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

Queen 3747-3830

25. Was Directional Survey Made

Attached

26. Type Electric and Other Logs Run  
Neutron, Laterolog

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#            | 435       | 12 1/4    | 275 SXS "C"      | None          |
| 5-1/2"      | 14#            | 3830      | 7-7/8     | 1300 SXS "C"     | None          |
|             |                |           |           |                  |               |
|             |                |           |           |                  |               |

29. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE  | DEPTH SET | PACKER SET |
|------|-----|--------|--------------|--------|-------|-----------|------------|
|      |     |        |              |        | 2-3/8 | 3605      | 3599       |
|      |     |        |              |        |       |           |            |
|      |     |        |              |        |       |           |            |

30. TUBING RECORD

31. Perforation Record (Interval, size and number)

3772-3796- 1JSPF 25 holes  
3706-3758- 1JSPF 27 holes  
3652-3698- 1JSPF 38 holes

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

| DEPTH INTERVAL   | AMOUNT AND KIND MATERIAL USED          |
|------------------|----------------------------------------|
| <u>3772-3796</u> | <u>Acidz w/ 2500 Gals 15% NEFE HCL</u> |
| <u>3706-3758</u> | <u>Acidz w/ 2500 Gals 15% NEFE HCL</u> |
| <u>3652-3698</u> | <u>Acidz w/ 3500 Gals 15% NEFE HCL</u> |

33. WIW PRODUCTION

Date First Production            Production Method (Flowing, gas lift, pumping - Size and type pump)            Well Status (Prod. or Shut-in)           

| Date of Test       | Hours Tested    | Choke Size              | Prod'n. For Test Period | Oil - Bbl. | Gas - MCF    | Water - Bbl.              | Gas - Oil Ratio |
|--------------------|-----------------|-------------------------|-------------------------|------------|--------------|---------------------------|-----------------|
|                    |                 |                         |                         |            |              |                           |                 |
| Flow Tubing Press. | Casing Pressure | Calculated 24-Hour Rate | Oil - Bbl.              | Gas - MCF  | Water - Bbl. | Oil Gravity - API (Corr.) |                 |
|                    |                 |                         |                         |            |              |                           |                 |

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

Test Witnessed By

35. List of Attachments

C-103 Directional Survey

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 Dee Ann Kemp

TITLE Sr. Acctg. Assist.

DATE 4-23-84

## 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>1254</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>3141</u>     | T. Miss _____          | T. Cliff House _____        | T. Leadville _____      |
| T. 7 Rivers <u>3334</u>  | T. Devonian _____      | T. Menefee _____            | T. Madison _____        |
| T. Queen <u>3747</u>     | T. Silurian _____      | T. Point Lookout _____      | T. Elbert _____         |
| T. Grayburg _____        | T. Montoya _____       | T. Mancos _____             | T. McCracken _____      |
| T. San Andres _____      | T. Simpson _____       | T. Gallup _____             | T. Ignacio Qtzite _____ |
| T. Glorieta _____        | T. McKee _____         | Base Greenhorn _____        | T. Granite _____        |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota _____             | T. _____                |
| T. Blinebry _____        | T. Gr. Wash _____      | T. Morrison _____           | T. _____                |
| T. Tubb _____            | T. Granite _____       | T. Todilto _____            | T. _____                |
| T. Drinkard _____        | T. Delaware Sand _____ | T. Entrada _____            | T. _____                |
| T. Abo _____             | T. Bone Springs _____  | T. Wingate _____            | T. _____                |
| T. Wolfcamp _____        | T. Tansil <u>2986</u>  | T. Chinle _____             | T. _____                |
| T. Penn. _____           | T. _____               | T. Permian _____            | T. _____                |
| T. Cisco (Bough C) _____ | T. _____               | T. Penn. "A" _____          | T. _____                |

## OIL OR GAS SANDS OR ZONES

No. 1, from 3652 to 3796 (selective) No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ 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<br>in Feet | Formation                                                      | From | To | Thickness<br>in Feet | Formation |
|------|------|----------------------|----------------------------------------------------------------|------|----|----------------------|-----------|
| 1254 | 2986 | 1732'                | Anhydrite & Salt                                               |      |    |                      |           |
| 2986 | 3141 | 155'                 | Anhydrite, Dolomite,<br>Sandstone                              |      |    |                      |           |
| 3141 | 3334 | 193'                 | Sandstone, Sandy Dolomites,<br>Thin Interbedded Dolomites      |      |    |                      |           |
| 3334 | 3747 | 413'                 | Dolomite, Sandstone,<br>Sandy Dolomite, Dolomitic<br>Sandstone |      |    |                      |           |
| 3747 | 3830 | 83'                  | Sandstone, Dolomitic Sandstone<br>Thin Interbedded Dolomite    |      |    |                      |           |

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