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Form C-105  
Revised 11-1-76

# NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                                           |                              |
|-------------------------------------------|------------------------------|
| 5a. Indicate Type of Lease                |                              |
| State <input checked="" type="checkbox"/> | Fee <input type="checkbox"/> |
| 5b. State Oil & Gas Lease No.             |                              |
|                                           |                              |

1a. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

1b. TYPE OF COMPLETION

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

2. Name of Operator

Sun Exploration & Production Co.

3. Address of Operator

P. O. Box 1861, Midland, TX 79702

4. Location of Well

UNIT LETTER E LOCATED 2570 FEET FROM THE North LINE AND 70 FEET FROM

THE West LINE OF SEC. 9 TWP. 22-S RGE. 36-E NMPM

1c. County

Lea

15. Date Spudded 8/8/83 16. Date T.D. Reached 8/11/83 17. Date Compl. (Ready to Prod.) 9/15/83 18. Elevations (DF, RKB, RT, GR, etc.) 3585.0' GR 19. Elev. Casinghead

20. Total Depth 3910 21. Plug Back T.D. 3889 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 3695-3891'

25. Was Directional Survey Made

Yes

26. Type Electric and Other Logs Run  
CNL-GR

27. Was Well Cored

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#            | 582       | 12-1/4    | 375 sxs          | None          |
| 5-1/2       | 14#            | 3885      | 7-7/8     | 950 sxs          | None          |

29. LINER RECORD

30. TUBING RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE  | DEPTH SET | PACKER SET |
|------|-----|--------|--------------|--------|-------|-----------|------------|
|      |     |        |              |        | 2-3/8 | 3826      |            |

31. Perforation Record (Interval, size and number)

3885-3911 (Open Hole)  
3857-3869 2' JSPF; 25 holes 4" Csg Gun  
3823-3847 2' JSPF; 49 holes 4" Csg Gun  
3766-3808 1' JSPF; 43 holes 4" Csg Gun

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------|-------------------------------|
| 3885-3911      | Sqz w/165 sxs "C"             |
| 3857-3869      | Acdz w/750 gals 15% NEFEHCL   |
| 3823-3847      | Acdz w/1200 gals 15% NEFEHCL  |
| 3766-3808      | Acdz w/2000 gals 15% NEFE     |

33. PRODUCTION

|                                         |                               |                                                                                              |                                     |                         |                          |                                               |                                  |
|-----------------------------------------|-------------------------------|----------------------------------------------------------------------------------------------|-------------------------------------|-------------------------|--------------------------|-----------------------------------------------|----------------------------------|
| Date First Production<br><u>9/13/83</u> |                               | Production Method (Flowing, gas lift, pumping - Size and type pump)<br><u>Pumping 1-1/2"</u> |                                     |                         |                          | Well Status (Prod. or Shut-in)<br><u>Prod</u> |                                  |
| Date of Test<br><u>9/27/83</u>          | Hours Tested<br><u>24 hrs</u> | Choke Size                                                                                   | Prod'n. Per Test Period<br><u>→</u> | Oil - Bbl.<br><u>10</u> | Gas - MCF<br><u>33.4</u> | Water - Bbl.<br><u>9</u>                      | Gas - Oil Ratio<br><u>1400/1</u> |
| Flow Tubing Press.                      | Casing Pressure               | Calculated 24-Hour Rate<br><u>→</u>                                                          | Oil - Bbl.                          | Gas - MCF               | Water - Bbl.             | Oil Gravity - API (Corr.)                     |                                  |

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

Vented

Test Witnessed By

Elmer Teel

35. List of Attachments

C-104

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

*D. Ann King*

TITLE Sr. Acct. Asst.

DATE 9/29/83

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission 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 radioactivity 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 116b.

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

### Southeastern New Mexico

### Northwestern New Mexico

|                          |                        |                             |                         |
|--------------------------|------------------------|-----------------------------|-------------------------|
| T. Anhy _____            | T. Canyon _____        | T. Ojo Alamo _____          | T. Penn. "B" _____      |
| T. Salt _____            | T. Strawn _____        | T. Kirtland-Fruitland _____ | T. Penn. "C" _____      |
| B. Salt <u>3134</u>      | T. Atoka _____         | T. Pictured Cliffs _____    | T. Penn. "D" _____      |
| T. Yates <u>3134</u>     | T. Miss _____          | T. Cliff House _____        | T. Leadville _____      |
| T. 7 Rivers <u>3318</u>  | T. Devonian _____      | T. Menefee _____            | T. Madison _____        |
| T. Queen <u>3595</u>     | T. Silurian _____      | T. Point Lookout _____      | T. Elbert _____         |
| T. Grayburg <u>3892</u>  | 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. Blinberry _____       | 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. _____               | 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 _____ to _____ | 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 |
|------|------|----------------------|---------------------------------------------------------------------|------|----|----------------------|-----------|
| 3134 | 3318 | 184'                 | Sandstone, Dolomite                                                 |      |    |                      |           |
| 3318 | 3595 | 277'                 | Sandstone, Dolomite<br>Dolomite Sands                               |      |    |                      |           |
| 3595 | 3892 | 297'                 | Sandstone, Sandy Dolomites,<br>Dolomite, Some Interbedded<br>Shales |      |    |                      |           |
| 3892 | 3910 | 18'                  | Dolomite                                                            |      |    |                      |           |

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