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

RECEIVED BY

**APR 04 1984**

O. C. D.

ARTESIA, OFFICE

Form C-105  
Revised 11-1-78

|                                           |                              |
|-------------------------------------------|------------------------------|
| 5a. Indicate Type of Lease                |                              |
| State <input checked="" type="checkbox"/> | Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No.              |                              |
| OG-103                                    |                              |

1a. TYPE OF WELL *OGM*

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. TYPE OF COMPLETION

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

7. Unit Agreement Name

8. Farm or Lease Name

Sun State

2. Name of Operator

Santa Rita Exploration Corp.

3. Address of Operator

P.O. Box 798, Artesia, New Mexico 88210

9. Well No.

#1

10. Field and Pool, or Wildcat

Artesia Queen GR-SA

4. Location of Well

UNIT LETTER A LOCATED 990 FEET FROM THE North LINE AND 430 FEET FROM

THE East LINE OF SEC. 7 TWP. 18s RGE. 28e NMPM

12. County

Eddy

15. Date Spudded 3/1/84

16. Date T.D. Reached 3/7/84

17. Date Compl. (Ready to Prod.) 3/27/84

18. Elevations (DF, RAB, RT, GR, etc.) 3624

19. Elev. Casinghead

20. Total Depth 2502'

21. Plug Back T.D. 1804'

22. If Multiple Compl., How Many

23. Intervals Drilled By Rotary Rotary Tools Rotary Cable Tools

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

1652-62, Penrose

25. Was Directional Survey Made

26. Type Electric and Other Logs Run

CD/CN, DLL

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"      | 23#            | 365'      | 12 1/4"   | 350 SXS          | 15 SXS        |
| 5 1/2"      | 15.5#          | 2380'     | 7 7/8"    | 550 SXS          | 40 SXS        |
|             |                |           |           |                  |               |

29. LINER RECORD

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

30. TUBING RECORD

| SIZE   | DEPTH SET | PACKER SET |
|--------|-----------|------------|
| 2 3/8" | 1700'     |            |

31. Perforation Record (Interval, size and number)

1652-1662 - 11 holes

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED                  |
|----------------|------------------------------------------------|
| 1652-62        | 1000 gals NEFF, 20,000 gals KCL & 230 sxs sand |

33. PRODUCTION

Date First Production 3/28/84

Production Method (*Flowing, gas lift, pumping - Size and type pump*) Pumping

Well Status (*Prod. or Shut-in*) Producing

|                             |                              |                                   |                                   |                      |                       |                           |                 |
|-----------------------------|------------------------------|-----------------------------------|-----------------------------------|----------------------|-----------------------|---------------------------|-----------------|
| Date of Test <u>3/30/84</u> | Hours Tested <u>24 hours</u> | Choke Size                        | Prod'n. For Test Period <u>40</u> | Oil - Bbl. <u>40</u> | Gas - MCF <u>n/a</u>  | Water - Bbl. <u>3</u>     | Gas - Oil Ratio |
| Flow Tubing Press.          | Casing Pressure              | Calculated 24-Hour Rate <u>40</u> | Oil - Bbl. <u>40</u>              | Gas - MCF <u>n/a</u> | Water - Bbl. <u>3</u> | Oil Gravity - API (Corr.) |                 |

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

vented

Test Witnessed By

Chuck Morgan

35. List of Attachments

2 logs, deviation 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 Walter J. Juel TITLE Production Clerk DATE 4/3/84

## INSTRUCTIONS

This form is to be filed with the proper 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 on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured by this. 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 _____             | 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 _____            | 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 <u>1840</u>   | T. Montoya _____       | T. Mancos _____             | T. McCracken _____     |
| T. San Andres <u>2216</u> | T. Simpson _____       | T. Gallup _____             | T. Ignacio Qtzte _____ |
| T. Glorieta _____         | T. McKee _____         | Base Greenhorn _____        | T. Granite _____       |
| T. Paddock _____          | T. Ellenburger _____   | T. Dakota _____             | T. _____               |
| T. Blinbry _____          | 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. 2, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from \_\_\_\_\_ to \_\_\_\_\_

No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 5, 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 |
|------|------|----------------------|-----------------------------|------|----|----------------------|-----------|
| 0    | 160  | 160                  | Caliche & red rock          |      |    |                      |           |
| 160  | 840  | 680                  | Red rock & salt             |      |    |                      |           |
| 840  | 1630 | 790                  | Anhydrite & dolomite        |      |    |                      |           |
| 1630 | 1910 | 280                  | Sand, Dolomite, & anhydrite |      |    |                      |           |
| 1910 | 2216 | 306                  | Lime & dolomite             |      |    |                      |           |
| 2216 | 2502 | 286                  | Sand & dolomite             |      |    |                      |           |