

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION  
P. O. BOX 2083  
SANTA FE, NEW MEXICO 87501 D.

RECEIVED

FEB 20 1984

ARTESIA OFFICE

Form C-105  
Revised 10-1-78

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WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease  
State ☒ Fee ☐

5. State Oil & Gas Lease No.  
B-8814-19

1a. TYPE OF WELL Oil  
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  
Two Forks State

9. Well No.  
1

2. Name of Operator  
Costa Resources Inc.

3. Address of Operator  
3303 Lee Parkway Dallas, Texas 75219

4. Location of Well

10. Field and Pool, or Wildcat  
Empire South Morrow

UNIT LETTER B LOCATED 660 FEET FROM THE NORTH LINE AND 2090 FEET FROM EAST LINE OF SEC. 2 TWP. 18s RGE. 28e NMPM

12. County  
Eddy

15. Date Spudded 10/29/83 16. Date T.D. Reached 12/16/83 17. Date Compl. (Ready to Prod.) 02/10/84 18. Elevations (DF, RNB, RT, GR, etc.) GR 3646 RKB 3663.6 3646 19. Elev. Casinghead

20. Total Depth 10,985 21. Plug Back T.D. 10,920 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  
10,707-10,711 Morrow

25. Was Directional Survey Made  
No

26. Type Electric and Other Logs Run  
CNL-LDT, DLL-MSFL

27. Was Well Cored  
No

| 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#          | 519       | 17 1/2    | 575sx class C 2%CaCl      |               |
| 8 5/8                                          | 32#            | 2899      | 12 1/4    | 700sx lite, 200sx class C |               |
| 5 1/2                                          | 17&20#         | 10,985    | 7 7/8     | 225sx lite, 250sx class H |               |
|                                                |                |           |           | 500sx lite, 100sx class H |               |

| LINER RECORD |     |        |              | TUBING RECORD |       |           |            |
|--------------|-----|--------|--------------|---------------|-------|-----------|------------|
| SIZE         | TOP | BOTTOM | SACKS CEMENT | SCREEN        | SIZE  | DEPTH SET | PACKER SET |
|              |     |        |              |               | 2 7/8 | 10,624    |            |

31. Perforation Record (Interval, size and number)  
10,707-10,711, 9 shots

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  
DEPTH INTERVAL  
AMOUNT AND KIND MATERIAL USED

33. PRODUCTION  
Date First Production 02/10/84 Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing Well Status (Prod. or Shut-in) Shut in WOPLC

|                    |                 |                         |                         |            |              |                           |                 |
|--------------------|-----------------|-------------------------|-------------------------|------------|--------------|---------------------------|-----------------|
| Date of Test       | Hours Tested    | Choke Size              | Prod'n. For Test Period | Oil - Bbl. | Gas - MCF    | Water - Bbl.              | Gas - Oil Ratio |
| 1/25/84            | 4               | 4,5,6,9/64              | →                       |            | 74.33        | 2                         | 0               |
| Flow Tubing Press. | Casing Pressure | Calculated 24-Hour Rate | Oil - Bbl.              | Gas - MCF  | Water - Bbl. | Oil Gravity - API (Corr.) |                 |
| 400                | 0               | →                       |                         | 1685       |              | 0                         |                 |

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

Test Witnessed By

35. List of Attachments

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 [Signature] TITLE GEOLOGIST DATE 2/20/84

# 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 depth 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 <u>8753</u>   | T. Ojo Alamo _____          | T. Penn. "B" _____      |
| T. Salt _____                  | T. Strawn <u>9493</u>   | T. Kirtland-Fruitland _____ | T. Penn. "C" _____      |
| B. Salt <u>583</u>             | T. Atoka <u>10,090</u>  | T. Pictured Cliffs _____    | T. Penn. "D" _____      |
| T. Yates <u>760</u>            | T. Miss <u>10,798</u>   | T. Cliff House _____        | T. Leadville _____      |
| T. 7 Rivers <u>1050</u>        | T. Devonian _____       | T. Menefee _____            | T. Madison _____        |
| T. Queen <u>1703</u>           | T. Silurian _____       | T. Point Lookout _____      | T. Elbert _____         |
| T. Grayburg _____              | T. Montoya _____        | T. Mancos _____             | T. McCracken _____      |
| T. San Andres <u>2600</u>      | T. Simpson _____        | T. Gallup _____             | T. Ignacio Qtzite _____ |
| T. Glorieta <u>4292</u>        | 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. Todilte _____            | T. _____                |
| T. Drinkard _____              | T. Delaware Sand _____  | T. Entrada _____            | T. _____                |
| T. Abo _____                   | T. Bone Springs _____   | T. Wingate _____            | T. _____                |
| T. Wolfcamp <u>7120</u>        | T. <u>Morrow-10,526</u> | T. Chinle _____             | T. _____                |
| T. Penn. _____                 | T. _____                | T. Permian _____            | T. _____                |
| T. Cisco (Bough C) <u>8573</u> | T. _____                | T. Penn. "A" _____          | T. _____                |

### OIL OR GAS SANDS OR ZONES

|                                            |                            |
|--------------------------------------------|----------------------------|
| No. 1, from <u>10,698</u> to <u>10,713</u> | 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 in Feet | Formation    | From            | To   | Thickness in Feet | Formation |
|------|--------|-------------------|--------------|-----------------|------|-------------------|-----------|
| 583  | 760    | 177               | TANSILL      | 10,090-10,526-  | 436' | ATOKA             |           |
| 760  | 1050   | 290               | YATES        |                 |      |                   |           |
| 1050 | 1703   | 653               | SEVEN RIVERS | 10,526-10,798 - | 272' | MORROW            |           |
| 1703 | 2600   | 897               | QUEEN        |                 |      |                   |           |
| 2600 | 4292   | 1692              | SAN ANDRES   |                 |      |                   |           |
| 4292 | 4507   | 215               | GLORIETA     |                 |      |                   |           |
| 4507 | 7120   | 2613              | BONE SPRINGS |                 |      |                   |           |
| 7120 | 8573   | 1453              | WOLFCAMP     |                 |      |                   |           |
| 8573 | 8753   | 180               | CISCO        |                 |      |                   |           |
| 8753 | 9493   | 740               | CANYON       |                 |      |                   |           |
| 9493 | 10,090 | 597               | STRAWN       |                 |      |                   |           |