

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.O.S.               |  |
| LAND OFFICE            |  |
| OPERATOR               |  |

5a. Indicate Type of Lease  
State ☒ Fee ☐

5. State Oil & Gas Lease No.  
**L6814**

1. TYPE OF WELL ☒ OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER ☐

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

7. Unit Agreement Name

8. Farm or Lease Name  
**Amoco State**

2. Name of Operator  
**Ray Westall**

3. Address of Operator  
**Box 4, Loco Hills, New Mexico 88255**

4. Location of Well

9. Well No.  
**1**

10. Field and Pool, or Willent  
**Loco Hills Qn/Gb**

UNIT LETTER **0** LOCATED **1980** FEET FROM THE **E** LINE AND **660** FEET FROM

THE **S** LINE OF SEC. **16** TWP. **18S** RGE. **29E** NMPM

12. County  
**Eddy**

15. Date Spudded **4/15/81** 16. Date T.D. Reached **4/30/81** 17. Date Compl. (Ready to Prod.) **7/1/81** 18. Elevations (DF, RKB, RT, GR, etc.) **3628.5** 19. Elev. Casinghead

20. Total Depth **3400** 21. Plug Back T.D. **3260** 22. If Multiple Compl., How Many **2498-3176** 23. Intervals Drilled By **Rotary Tools** Cable Tools ☒

24. Producing Interval(s), of this completion - Top, Bottom, Name **2498-2820 24. 2886-3192 SA** 25. Was Directional Survey Made **Yes**

26. Type Electric and Other Logs Run **Comp/Newtron/Gamma Ray, Cement Bond Log** 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             | 350'      | 12 1/4    | 300sx Class C Net 100 SX Thixoli ready mix top with 10 yds    |               |
| 4 1/2       | 9 1/2          | 3400'     | 8 1/4     | 230 sx Poz A Cmt 230 sx Class C 420 sx Paceset TER G 34# Salt |               |

29. LINER RECORD

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

30. TUBING RECORD

| SIZE | DEPTH SET | PACKER SET |
|------|-----------|------------|
|      |           |            |

31. Perforation Record (Interval, size and number)

**2498 - 2520 12 holes**  
**2680 - 82, 2722-24, 2796-2820, 2886-90**  
**2898-02 24 holes: 2952-54, 2992-30 18**  
**38 holes, 3032-61, 3072-76, 3174-76,**  
**3190-92, one shot every 2 ft.**

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------|-------------------------------|
| 2498-2520      | 20,000 gal KCL 20,000# 20/40  |
| 2680-2902      | 20,000 gal KCL 20,000# 20/40  |
| 2950-3192      | 20,000 gal KCL 20,000# 20/40  |

33. PRODUCTION

Date First Production **6/15/81** Production Method (Flowing, gas lift, pumping - Size and type pump) **Pumping** Well Status (Prod. or Shut-in) **Prod**

|                                |                           |                         |                         |                         |                        |                                        |                                    |
|--------------------------------|---------------------------|-------------------------|-------------------------|-------------------------|------------------------|----------------------------------------|------------------------------------|
| Date of Test<br><b>6/18/81</b> | Hours Tested<br><b>24</b> | Choke Size              | Prod'n. For Test Period | Oil - Bbl.<br><b>15</b> | Gas - MCF<br><b>15</b> | Water - Bbl.<br><b>25</b>              | Gas - Oil Ratio<br><b>1.1/0.00</b> |
| Flow Tubing Press.             | Casing Pressure           | Calculated 24-Hour Rate | Oil - Bbl.              | Gas - MCF               | Water - Bbl.           | Oil Gravity - API (Corr.)<br><b>35</b> |                                    |

34. Disposition of Gas (Sold, used for fuel, vented, etc.) **Venting waiting on Phillips to hook up** Test Witnessed By **Jeton**

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 **Ray Westall** TITLE **Operator** DATE **8/13/81**

## 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 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 quadruplicate except on store land, where six copies are required. See Rule 1165.

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

Northwestern New Mexico

Southeastern New Mexico

|                    |                  |                       |                  |
|--------------------|------------------|-----------------------|------------------|
| T. Any             | T. Canyon        | T. Ojo Alamo          | T. Penn. "B"     |
| T. Salt            | T. Strawn        | T. Kirtland-Fruitland | T. Penn. "C"     |
| T. Salt            | T. Aloka         | T. Pictured Cliffs    | T. Penn. "D"     |
| T. Yales           | 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      | T. Simpson       | T. Gallup             | T. Ignacio Ortiz |
| T. Glorieta        | T. McKee         | T. Base Greenhorn     | T. Granite       |
| T. Paddock         | T. Ellenburger   | T. Dakota             | T. T.            |
| T. Blueberry       | T. Gr. Wash      | T. Morrison           | T. T.            |
| T. Tubb            | T. Granite       | T. Todillo            | T. T.            |
| T. Drinkard        | T. Delaware Sand | T. Entrada            | T. T.            |
| T. Abo             | T. Bone Springs  | T. Wingate            | T. T.            |
| T. Wolfcamp        | T. T.            | T. Chinle             | T. T.            |
| T. Penn.           | T. T.            | T. Permian            | T. T.            |
| T. Cisco (Bough C) | T. T.            | T. Penn. "A"          | T. T.            |

## OIL OR GAS SANDS OR ZONES

|             |      |    |      |             |      |    |      |
|-------------|------|----|------|-------------|------|----|------|
| No. 1, from | 1100 | to | 1200 | No. 4, from | 2350 | to | 2380 |
| No. 2, from | 1830 | to | 1950 | No. 3, from | 2870 | to | 3100 |
| No. 3, from | 2050 | to | 2080 | No. 6, from |      | to |      |

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

## IMPORTANT WATER SANDS

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

FORMATION RECORD (Attach additional sheets if necessary)

| From | To   | Thickness<br>in Feet | Formation             | From | To | Thickness<br>in Feet | Formation |
|------|------|----------------------|-----------------------|------|----|----------------------|-----------|
| 0    | 300  | 300                  | Red beds and sand     |      |    |                      |           |
| 300  | 830  | 530                  | Salt                  |      |    |                      |           |
| 1054 | 2042 | 988                  | Anydrite and dolomite |      |    |                      |           |
| 2042 | 2086 | 44                   | Sand                  |      |    |                      |           |
| 2086 | 2876 | 790                  | Dolomite and sand     |      |    |                      |           |
| 2876 | 3400 | 524                  | Dolomite              |      |    |                      |           |

(SEE ATTACHED LETTER FOR DEVIATION RECORD.)

# ARTESIA FISHING TOOL COMPANY

P.O. BOX 647 PHONE (505) 746-6601

ARTESIA, NEW MEXICO 88210

RECEIVED

SEP 18 1981

C. C. D.  
ARTESIA, OFFICE

May 5, 1981

Ray Westall  
Box 4  
Loco Hills, NM 88255

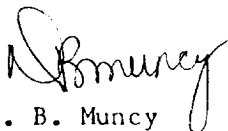
Re: Amoco State #1  
660' FSL & 1980' FEL  
Sec. 16, T18S, R29E  
Eddy County, New Mexico

Mr. Westall:

The following is a Deviation Survey for the above captioned well.

| DEPTH | DEVIATION |
|-------|-----------|
| 340'  | 1/4°      |
| 925'  | 1/4°      |
| 1633' | 1/4°      |
| 2105' | 1/2°      |
| 2554' | 1/2°      |
| 3096' | 3/4°      |
| 3400' | 3/4°      |

Very truly yours,



M. B. Muncy  
Vice-President

MBM/rlg

The foregoing was acknowledged before me this 5th day of May, 1981.

