

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

## 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.G.S.               |  |
| LAND OFFICE            |  |
| OPERATOR               |  |

|                                           |                              |
|-------------------------------------------|------------------------------|
| 5a. Indicate Type of Lease                |                              |
| State <input checked="" type="checkbox"/> | Fee <input type="checkbox"/> |

5. State Oil &amp; Gas Lease No.

LG 8961

7. Unit Agreement Name

8. Farm or Lease Name

Sweet Thing AEB State

9. Well No.

2

10. Field and Pool, or Wildcat

Sanmal-Queen

12. County

Lea

1a. TYPE OF WELL

OIL WELL ☒GAS WELL ☐DRY ☐OTHER ☐

b. TYPE OF COMPLETION

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

2. Name of Operator

Yates Petroleum Corporation

3. Address of Operator

105 South 4th St., Artesia, NM 88210

4. Location of Well

H

1650

North

990

UNIT LETTER LOCATED FEET FROM THE LINE AND FEET FROM

THE East LINE OF SEC. 1 TWP. 17S RGE. 33E NMPM

15. Date Spudded

10-13-86

16. Date T.D. Reached

10-20-86

17. Date Compl. (Ready to Prod.)

3-15-87

18. Elevations (DF, RKB, RT, GR, etc.)

4140.5' GR

19. Elev. Casinghead

20. Total Depth

3900'

21. Plug Back T.D.

3842'

22. If Multiple Compl., How Many

23. Intervals Drilled By

Rotary Tools

Cable Tools

X

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

3742-3752' Queen

25. Was Directional Survey Made

No

25. Type Electric and Other Logs Run

CNL/FDC; 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 |
|-------------|----------------|-----------|-----------|------------------|---------------|
| 20"         |                | 40'       | 26"       |                  |               |
| 8-5/8"      | 24#            | 1552'     | 12-1/4"   | 720 sx           |               |
| 5-1/2"      | 15.5#          | 3900'     | 7-7/8"    | 600 sx           |               |

29. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE   | DEPTH SET | PACKER SET |
|------|-----|--------|--------------|--------|--------|-----------|------------|
|      |     |        |              |        | 2-7/8" | 3720'     | -          |

30. TUBING RECORD

31. Perforation Record (Interval, size and number)

3742-3752' w/40 .35" Holes

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED                                                     |
|----------------|-----------------------------------------------------------------------------------|
| 3742-3752'     | w/2500g. 7% acid + 50 ball sealers. SF w/10000g. KCL gel wtr + 20000# 20/40 sand. |

33. PRODUCTION

|                       |                 |                                                                     |                         |            |              |                                |                 |
|-----------------------|-----------------|---------------------------------------------------------------------|-------------------------|------------|--------------|--------------------------------|-----------------|
| Date First Production |                 | Production Method (Flowing, gas lift, pumping - Size and type pump) |                         |            |              | Well Status (Prod. or Shut-in) |                 |
| 11-26-86              |                 | Pumping                                                             |                         |            |              | Producing                      |                 |
| Date of Test          | Hours Tested    | Choke Size                                                          | Prod'n. For Test Period | Oil - Bbl. | Gas - MCF    | Water - Bbl.                   | Gas - Oil Ratio |
| 3-15-87               | 24              | Open                                                                |                         | 5          | 4.5          | 5                              | 900/1           |
| Flow Tubing Press.    | Casing Pressure | Calculated 24-Hour Rate                                             | Oil - Bbl.              | Gas - MCF  | Water - Bbl. | Oil Gravity - API (Corr.)      |                 |
| 20                    | 20              |                                                                     | 5                       | 4.5        | 5            | 33.8°                          |                 |

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

Sold to Warren Petroleum Co.

Test Witnessed By

Norbert McCaw

35. List of Attachments

Deviation Survey, Logs

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

TITLE Production Supervisor

DATE

3-18-87

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MAR 20 1981  
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HOBBS OFFICE

# 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 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. Rustler         | 1515 | T. Canyon        | T. Ojo Alamo          | T. Penn. "B"      |
| T. Anhy            |      | T. Strawn        | T. Kirtland-Fruitland | T. Penn. "C"      |
| XX Salt Salado     | 1624 | T. Atoka         | T. Pictured Cliffs    | T. Penn. "D"      |
| XXXXX Tausill      | 2613 | T. Miss          | T. Cliff House        | T. Leadville      |
| T. Yates           | 2802 | T. Devonian      | T. Menefee            | T. Madison        |
| T. 7 Rivers        | 2900 | T. Silurian      | T. Point Lookout      | T. Elbert         |
| T. Queen           | 3735 | T. Montoya       | T. Mancos             | T. McCracken      |
| T. Grayburg        |      | T. Simpson       | T. Gallup             | T. Ignacio Qtzite |
| T. San Andres      |      | T. McKee         | Base Greenhorn        | T. Granite        |
| T. Glorieta        |      | T. Ellenburger   | T. Dakota             | T.                |
| T. Paddock         |      | T. Gr. Wash      | T. Morrison           | T.                |
| T. Elinebry        |      | T. Granite       | T. Todilto            | T.                |
| T. Tubb            |      | T. Delaware Sand | T. Entrada            | T.                |
| T. Drinkard        |      | T. Bone Springs  | T. Wingate            | T.                |
| T. Abo             |      | T.               | T. Chinle             | T.                |
| T. Wolfcamp        |      | T.               | T. Permian            | T.                |
| T. Penn.           |      | T.               | T. Penn. "A"          | T.                |
| T. Cisco (Bough C) |      | 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 in Feet | Formation          | From | To | Thickness in Feet | Formation |
|------|------|-------------------|--------------------|------|----|-------------------|-----------|
| 0    | 40   | 40                | Surface Rock       |      |    |                   |           |
| 40   | 818  | 778               | Redbeds            |      |    |                   |           |
| 818  | 1140 | 322               | Redbeds, Anhydrite |      |    |                   |           |
| 1140 | 3066 | 1926              | Anhydrite          |      |    |                   |           |
| 3066 | 3900 | 834               | Dolomite           |      |    |                   |           |

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MAR 20 1987

OCD  
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