

(August 1999)

NEW MEXICO OIL & GAS DIVISION  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
5925 N. GARDEN DRIVE  
ALBUQUERQUE, NM 87105-5000

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED  
OMB NO. 1004-0137  
Expires: November 30, 2000

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  
Apache Corporation

3. Address  
6120 South Yale, Suite 1500 Tulsa OK 74136-4224

3.a Phone No. (Include area code)  
(918)491-5362

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At Surface 3630' FNL & 330' FEL (LOT 9), Sec 5, T 21S, R 37E

At top prod. interval reported below

At total depth

14. Date Spudded

05/24/2005

15. Date T.D. Reached

06/09/2005

16. Date Completed

☐ D & A ☒ Ready to Prod.  
07/01/2005

5. Lease Serial No.  
NM-094867

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no.

8. Lease Name and Well No.

Lea County Federal 2

9. API Well No.

30-025-37236

10. Field and Pool, or Exploratory

Blinebry O&G, Tubb O&G, Drinkard

11. Sec., T., R., M., on Block and  
Survey or Area S5, T21S, R37E

12. County or Parish

Lea

13. State

New Mexico

17. Elevations (DF, RKB, RT, GL)\*

3478'

18. Total Depth: MD 7200'  
TVD

19. Plug Back T.D.: MD 7154'  
TVD

20. Depth Bridge Plug Set: MD  
TVD

21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)  
SD/DSN, DLL/MG

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit analysis)  
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

| Hole Size | Size/Grade | Wt. (#/ft.) | Top (MD) | Bottom (MD) | Stage Cementer<br>Depth | No. of Sk. &<br>Type of Cement | Slurry Vol.<br>(BBL) | Cement Top* | Amount Pulled |
|-----------|------------|-------------|----------|-------------|-------------------------|--------------------------------|----------------------|-------------|---------------|
| 12-1/2"   | 8-5/8"     | 24#         | 0        | 1286'       |                         | 575sx ClassC                   | 174 bbls             | 0           |               |
| 7-7/8"    | 5-1/2"     | 17#         | 0        | 7200'       |                         | 1350sx ClassC                  | 485 bbls             | 83' CBL     |               |
|           |            |             |          |             |                         |                                |                      |             |               |
|           |            |             |          |             |                         |                                |                      |             |               |
|           |            |             |          |             |                         |                                |                      |             |               |
|           |            |             |          |             |                         |                                |                      |             |               |

24. Tubing Record

| Size   | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|--------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2-7/8" | 6868'          |                   |      |                |                   |      |                |                   |

25. Producing Intervals

26. Perforation Record

| Formation   | Top   | Bottom | Perforated Interval      | Size     | No. Holes | Perf. Status |
|-------------|-------|--------|--------------------------|----------|-----------|--------------|
| A) Blinebry | 5740' |        | 5755-59, 5816-20, 84-88' | 5984-88' | 32        |              |
| B) Tubb     | 6321' |        | 6298-6302, 6396-6400,    | 6468-72' | 32        | 6574-78'     |
| C) Drinkard | 6674' |        | 6668-76, 6830-38'        |          | 32        |              |
| D)          |       |        |                          |          |           |              |

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

| Depth Interval | Amount and Type of Material                                                |
|----------------|----------------------------------------------------------------------------|
| 5755 - 5988'   | Acidize with 2500 gals 15% DxBx & Frac with 45k gals gel + 82k# 20/40 sand |
| 6298 - 6578'   | Acidize with 2500 gals 15% DxBx & Frac with 46k gals gel + 82k# 16/30 sand |
| 6668 - 6838'   | Acidize with 2000 gals 15% DxBx & Frac with 39k gals gel + 58k# 20/40 sand |

28. Production - Interval A

| Date First Produced | Test Date               | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity<br>Corr. API | Gas Gravity | Production Method |
|---------------------|-------------------------|--------------|-----------------|---------|---------|-----------|--------------------------|-------------|-------------------|
| 07/1/05             | 7/27/05                 | 24           | →               | 14      | 37      | 66        | 39.1                     |             | Pumping           |
| Choice Size         | Tbg. Press.<br>Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas : Oil Ratio          | Well Status |                   |
|                     |                         |              | →               |         |         |           |                          | Producing   |                   |

Production - Interval B

| Date First Produced | Test Date               | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity<br>Corr. API | Gas Gravity | Production Method |
|---------------------|-------------------------|--------------|-----------------|---------|---------|-----------|--------------------------|-------------|-------------------|
| 8/3/05              | 8/17/05                 | 24           | →               | 11      | 4       | 64        | 39.3                     |             | Pumping           |
| Choke Size          | Tbg. Press.<br>Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas : Oil Ratio          | Well Status |                   |
|                     |                         |              | →               |         |         |           |                          | Producing   |                   |

(See Instructions and spaces for additional data on reverse side)

ACCEPTED FOR RECORD

DAVID R. GLASS

NOV 2 2005

DAVID R. GLASS  
PETROLEUM ENGINEER

## 28b. Production - Interval C

|                                |                      |                    |                      |               |               |                 |                               |                          |                              |
|--------------------------------|----------------------|--------------------|----------------------|---------------|---------------|-----------------|-------------------------------|--------------------------|------------------------------|
| Date First Produced<br>8/27/05 | Test Date<br>8/30/05 | Hours Tested<br>24 | Test Production<br>→ | Oil BBL<br>11 | Gas MCF<br>18 | Water BBL<br>67 | Oil Gravity Corr. API<br>40.6 | Gas Gravity              | Production Method<br>Pumping |
| Choke Size                     | Tbg. Press. Flwg. SI | Csg. Press.        | 24 Hr. Rate<br>→     | Oil BBL       | Gas MCF       | Water BBL       | Gas : Oil Ratio               | Well Status<br>Producing |                              |

## 28c. Production - Interval D

|                     |                      |              |                      |         |         |           |                       |             |                   |
|---------------------|----------------------|--------------|----------------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| Date First Produced | Test Date            | Hours Tested | Test Production<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate<br>→     | Oil BBL | Gas MCF | Water BBL | Gas : Oil Ratio       | Well Status |                   |

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

Sold

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones or porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

| Formation    | Top   | Bottom | Descriptions, Contents, etc. | Name | Top<br>Meas. Depth |
|--------------|-------|--------|------------------------------|------|--------------------|
| Rustler      | 1372' |        |                              |      |                    |
| Yates        | 2724' |        |                              |      |                    |
| Seven Rivers | 2743' |        |                              |      |                    |
| Queen        | 3514' |        |                              |      |                    |
| Grayburg     | 3814' |        |                              |      |                    |
| San Andres   | 4076' |        |                              |      |                    |
| Glorieta     | 5305' |        |                              |      |                    |
| Blinberry    | 5740' |        |                              |      |                    |
| Tubb         | 6321' |        |                              |      |                    |
| Drinkard     | 6674' |        |                              |      |                    |
| Abo          | 6972' |        |                              |      |                    |

## 32. Additional remarks (include plugging procedure):

## 33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)    2. Geological Report    3. DST Report    4. Directional Survey  
5. Sundry Notice for plugging and cement verification    6. Core Analysis    7. Other

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Elaine Linton

Title Engineering Technician

Signature



Date 10/11/2005

Title 18 U.S.C. Section 101 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States and false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.