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UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

FEB 03 2009

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

HOBBSSOCD

COB-HOBBSS

FORM APPROVED  
OMB NO. 1004-0137  
Expires: March 31, 2007

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 S Yale Ave, Suite 1500 Tulsa OK 74136-4224

3.a. Phone No. (Include area code)  
(918)491-4864

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

At Surface 1650' FNL & 330' FEL (SE1/4 NE1/4), Unit H, Sec 27, T21S, R37E

At top prod. interval reported below

At total depth

14. Date Spudded  
10/17/2008

15. Date T.D. Reached  
10/30/2008

16. Date Completed  
☐ D & A ☒ Ready to Prod.  
01/08/2009

5. Lease Serial No.  
NMLC 032096A

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no

8. Lease Name and Well No  
Lockhart A-27 #26

9. API Well No.  
30-025-39115

10. Field and Pool, or Exploratory  
Blinebry O&G, Tubb O&G, Drinkard

11. Sec., T, R., M., on Block and  
Survey or Area Sec 27, T21S, R37E

12. County or Parish  
Lea

13. State  
New Mexico

17. Elevations (DF, RKB, RT, GL)\*  
3397' GL

18. Total Depth MD 6795'  
TVD

19. Plug Back T D MD 6695'  
TVD

20. Depth Bridge Plug Set MD 6386' / 5962'  
TVD

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

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 Depth | No. of Sks. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|------------|-------------|----------|-------------|----------------------|------------------------------|-------------------|-------------|---------------|
| 12-1/4"   | 8-5/8"     | 24#         | 0'       | 1295'       |                      | 650 Class C                  | 190               | 0' circ     |               |
| 7-7/8"    | 5-1/2"     | 17#         | 0'       | 6757'       |                      | 1560 Class C                 | 509               | 1100' 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" | 5927'          |                   |      |                |                   |      |                |                   |

## 25. Producing Intervals

| Formation   | Top   | Bottom | Perforated Interval | Size | No. Holes | Perf. Status        |
|-------------|-------|--------|---------------------|------|-----------|---------------------|
| A) Blinebry | 5507' |        | 5462' - 5810'       |      | 54        | Shut In             |
| B) Tubb     | 6006' |        | 5990' - 6182'       |      | 100       | Behind RBP' @ 5962' |
| C) Drinkard | 6365' |        | 6452' - 6565'       |      | 60        | Behind RBP' @ 6386' |
| D)          |       |        |                     |      |           |                     |

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

| Depth Interval | Amount and Type of Material                                           |
|----------------|-----------------------------------------------------------------------|
| 5462' - 5810'  | Acidize with 3000 gals 15% HCl. Frac with 85K gals gel & 200K # sand. |
| 5990' - 6182'  | Acidize with 3000 gals 15% HCl. Frac with 65K gals gel & 150K # sand. |
| 6452' - 6565'  | Acidize with 3000 gals 15% HCl. Frac with 34K gals gel & 65K # sand.  |

## 28. Production - Interval A

| Date First Produced     | Test Date            | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method                                                                        |
|-------------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|------------------------------------------------------------------------------------------|
|                         |                      |              | →               |         |         |           |                       |             | ACCEPTED FOR RECORD<br>JAN 31 2009<br>BUREAU OF LAND MANAGEMENT<br>CARLSBAD FIELD OFFICE |
| Choke Size              | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas - Oil Ratio       | Well Status |                                                                                          |
|                         |                      |              | →               |         |         |           |                       | Shut In     |                                                                                          |
| Production - Interval B |                      |              |                 |         |         |           |                       |             |                                                                                          |
| Date First Produced     | Test Date            | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method                                                                        |
|                         |                      |              | →               |         |         |           |                       |             | BUREAU OF LAND MANAGEMENT<br>CARLSBAD FIELD OFFICE                                       |
| Choke Size              | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas - Oil Ratio       | Well Status |                                                                                          |
|                         |                      |              | →               |         |         |           |                       |             |                                                                                          |

(See Instructions and spaces for additional data on page 2)

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## 28b. Production - Interval C

| Date First Produced | Test Date            | Hours Tested | Test Production | 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     | Oil BBL | Gas MCF | Water BBL | Gas . Oil Ratio       | Well Status |                   |
|                     |                      |              | →               |         |         |           |                       |             |                   |

## 28c. Production - Interval D

| Date First Produced | Test Date            | Hours Tested | Test Production | 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     | Oil BBL | Gas MCF | Water BBL | Gas . Oil Ratio       | Well Status |                   |
|                     |                      |              | →               |         |         |           |                       |             |                   |

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

## 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        |
|--------------|-------|--------|------------------------------|------|------------|
|              |       |        |                              |      | Meas Depth |
| Rustler      | 1197' |        |                              |      |            |
| Yates        | 2541' |        |                              |      |            |
| Seven Rivers | 2770' |        |                              |      |            |
| Queen        | 3342' |        |                              |      |            |
| Grayburg     | 3673' |        |                              |      |            |
| San Andres   | 3900' |        |                              |      |            |
| Glorieta     | 5075' |        |                              |      |            |
| Blinberry    | 5507' |        |                              |      |            |
| Tubb         | 6006' |        |                              |      |            |
| Drinkard     | 6365' |        |                              |      |            |
| Abo          | 6716' |        |                              |      |            |

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

BLINEBRY 5462-5810' 1 JSPF  
 TUBB 5990-6182' 2 JSPF  
 DRINKARD 6452-6565' 2 JSPF

## 33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ Electrical/Mechanical Logs (1 full set req'd.) 
 ☐ Geological Report 
 ☐ DST Report 
 ☐ Directional Survey  
☐ Sundry Notice for plugging and cement verification 
 ☐ Core Analysis 
 ☐ 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) Sophie Mackay Title Engineering TechSignature *Sophie Mackay* Date 01/19/2009

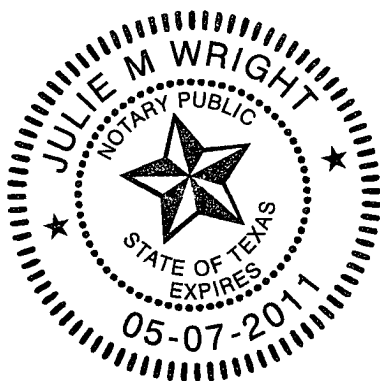
Title 18 U.S.C. Section 101 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States and false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

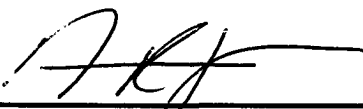
Apache Corporation  
6120 S. Yale Ste 1500  
Tulsa, OK 74136

30-025-39115  
27-215-37E  
1650 FNL 330 FEL

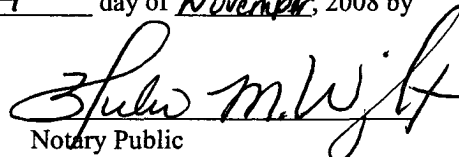
LOCKHART A-27 #26  
Lea County, New Mexico

|      |      |      |      |       |       |
|------|------|------|------|-------|-------|
| 277  | 2.77 | 0.5  | 0.88 | 2.42  | 2.42  |
| 781  | 5.04 | 0.5  | 0.88 | 4.41  | 6.83  |
| 1283 | 5.02 | 1    | 1.75 | 8.79  | 15.62 |
| 1355 | 0.72 | 0.6  | 1.05 | 0.76  | 16.37 |
| 1859 | 5.04 | 0.1  | 0.18 | 0.88  | 17.26 |
| 2244 | 3.85 | 0.8  | 1.40 | 5.39  | 22.65 |
| 2494 | 2.50 | 1.2  | 2.10 | 5.25  | 27.90 |
| 2683 | 1.89 | 1.2  | 2.10 | 3.97  | 31.87 |
| 2933 | 2.50 | 1.3  | 2.28 | 5.69  | 37.55 |
| 3342 | 4.09 | 0.7  | 1.23 | 5.01  | 42.56 |
| 3467 | 1.25 | 0.7  | 1.23 | 1.53  | 44.09 |
| 3812 | 3.45 | 0.8  | 1.40 | 4.83  | 48.92 |
| 4798 | 9.86 | 0.75 | 1.31 | 12.94 | 61.87 |
| 5273 | 4.75 | 1    | 1.75 | 8.31  | 70.18 |
| 5775 | 5.02 | 1    | 1.75 | 8.79  | 78.96 |
| 6244 | 4.69 | 1    | 1.75 | 8.21  | 87.17 |
| 6773 | 5.29 | 1.25 | 2.19 | 11.57 | 98.74 |



  
\_\_\_\_\_  
Archie Brown - General Manager

The attached instrument was acknowledged before me on the 4th day of November, 2008 by  
Archie Brown - General Manager, CapStar Drilling, L.P.

  
\_\_\_\_\_  
Notary Public