

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED  
OMB NO. 1004-0137  
Expires: November 30, 20005. Lease Serial No.  
NM-580231a. 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

Chaparral Energy, LLC

3. Address

701 Cedar Lake Blvd., OKC, OK 73114

3a. Phone No. (include area code)

(405) 478-8770

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

At surface 1880' FNL &amp; 1650' FEL, "G"

At top prod. interval reported below Same

At total depth Same

RECEIVED

JAN 30 2006

OCC-ARTESIA

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.  
300817

8. Lease Name and Well No.

EE Federal 24 No. 3

9. API Well No.

30-015-34213

10. Field and Pool, or Exploratory

Dagger Draw, U. Penn N

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

Sec. 24-T19S-R24E

12. County or Parish

Eddy

13. State

NM

14. Date Spudded

07/23/05

15. Date T.D. Reached

08/09/05

16. Date Completed 12/21/05

☐ D & A ☒ Ready to Prod.

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

3616' DF, 3598' GL

18. Total Depth: MD 7957'  
TVD19. Plug Back T.D.: MD 7909'  
TVD20. Depth Bridge Plug Set: MD N/A  
TVD

21. Type Electric &amp; Other Mechanical Logs Run (Submit copy of each)

Dual Laterolog, Compensated Neutron

22. Was well cored? ☒ No ☐ Yes (Submit analysis)Was DST run? ☒ No ☐ Yes (Submit report)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 1/4"   | 8 5/8"     | 24          | Surface  | 1204'       |                         | 950 sxs Prem                   |                      | Circ        |               |
| 7 7/8"    | 5 1/2"     | 17          | 575'     | 7957'       |                         | 1390 sxs 50/50                 |                      | 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" | 7845'          |                   |      |                |                   |      |                |                   |

25. Producing Intervals

| Formation | Top   | Bottom | Perforated Interval | Size   | No. Holes | Perf. Status |
|-----------|-------|--------|---------------------|--------|-----------|--------------|
| A) Canyon | 7678' | 7863'  | 7678'-7863'         | 3 1/8" | 4 HPF     |              |
| B)        |       |        |                     |        |           |              |
| C)        |       |        |                     |        |           |              |
| D)        |       |        |                     |        |           |              |

26. Perforation Record

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

| Depth Interval           | Amount and Type of Material   |
|--------------------------|---|
| 7856'-7863', 7759'-7764' | Acidize with 4000 gal 20% NE Fe HCl   |
| 7804'-7822', 7702'-7721' | Acidize with 6000 gal 10% NE Fe HCl   |
| 7678'-7863'              | Treat with 54,000 gal slickwater + 25% N2 assist + 50620# 20/40 sd<br>(.7#-2.7#). Displ w/treated slickwater + 25% N2 assist. |

28. Production - Interval A

| Date First<br>Produced | Test<br>Date               | Hours<br>Tested | Test<br>Production | Oil<br>BBL | Gas<br>MCF | Water<br>BBL | Oil Gravity<br>Corr. API | Gas<br>Gravity | Production Method |
|------------------------|----------------------------|-----------------|--------------------|------------|------------|--------------|--------------------------|----------------|-------------------|
| 12/21/05               | 12/24                      | 24              | →                  | 6          | 28         | 35           | 44.1                     |                | Pumping           |
| Choke<br>Size          | Tbg. Press.<br>Flwg.<br>SI | Csg.<br>Press.  | 24 Hr.<br>Rate     | Oil<br>BBL | Gas<br>MCF | Water<br>BBL | Gas : Oil<br>Ratio       | Well Status    |                   |
| N/A                    | N/A                        | 15              | →                  |            |            |              | 4667                     | Producing      |                   |

28a. Production - Interval B

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

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

## 28b. Production - Interval C

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

## 28c. Production - Interval D

| Date First Produced | Test Date                  | Hours Tested | Test Production<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity<br>Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------------|--------------|----------------------|---------|---------|-----------|--------------------------|-------------|-------------------|
| Choke Size          | Tbg. Press.<br>Flwg.<br>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 of 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 |
| San Andres   | 450'  | 1909'  |                              |      |             |
| Glorietta    | 1910' | 2719'  |                              |      |             |
| YESO         | 2720' | 3659'  |                              |      |             |
| Bone Springs | 3660' | 3999'  |                              |      |             |
| Abo          | 4000' | 5299'  |                              |      |             |
| Wolfcamp     | 5300' | 6609'  |                              |      |             |
| Cisco        | 6610' | 7499'  |                              |      |             |
| Canyon       | 7500' | 8000'  |                              |      |             |

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

## 33. Circle enclosed attachments:

- ☒ 1. Electrical/Mechanical Logs (1 full set req'd.)    2. Geologic 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) Traci Cornish Title Engineering Tech

Signature Traci Cornish Date 01/23/06

Title 18 U.S.C. Section 1001 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 any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

