



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

DEC 2000 CD-ARTESIA  
RECEIVED  
CD-ARTESIA

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

5. Lease Serial No. **NM-109430**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. **Keller 22 Federal 1**

9. AFI Well No. **30-025-37903**

10. Field and Pool, or Exploratory **Bell Lake Delaware East**

11. Sec., T., R., M., on Block and Survey or Area **22-23S-34E**

12. County or Parish **Lea County** 13. State **NM**

14. Date Spudded **07/03/2006** 15. Date T.D. Reached **07/21/2006** 16. Date Completed **08/29/2006**  
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\* **3448 GR / 3465 DF / 3466 KB**

18. Total Depth: MD **8850** 19. Plug Back T.D.: MD **8742** 20. Depth Bridge Plug Set: MD **8727**  
TVD TVD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) **SDL DSNL / DLLT / MSFL / RSCT**

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 Depth | No. of Sks. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|------------|-------------|----------|-------------|----------------------|------------------------------|-------------------|-------------|---------------|
| 17 1/2    | 13 3/8     | 48#         |          | 578         |                      | 515 Class C                  |                   | Surface     |               |
| 11        | 8 5/8      | 32#         |          | 5065        |                      | 1156 Class C                 |                   | 4470        |               |
| 7 7/8     | 5 1/2      | 17#         |          | 8850        |                      | 860 50/50 Poz                |                   |             |               |
|           |            |             |          |             |                      |                              |                   |             |               |
|           |            |             |          |             |                      |                              |                   |             |               |
|           |            |             |          |             |                      |                              |                   |             |               |

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 | 8600           |                   |      |                |                   |      |                |                   |

25. Producing Intervals

| Formation   | Top   | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|-------------|-------|--------|---------------------|------|-----------|--------------|
| A) Delaware | 8283' | 8556'  | 8283' - 8556'       |      | 37        | Open         |
| B)          |       |        |                     |      |           |              |
| C)          |       |        |                     |      |           |              |
| D)          |       |        |                     |      |           |              |

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

| Depth Interval | Amount and Type of Material                                                                                                                                                                  |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8283 - 8556    | Frac w/15,000 gal Medallion 3000 gel pad, 4000 gal Medallion 3000 w/1/4# gal 20/40 White sand, 31,642 gal 30# Linear gel w/20/40 White sd, 3995 gal Super LC 20/40, flush w/190.5 bbl 2% KCL |
|                |                                                                                                                                                                                              |
|                |                                                                                                                                                                                              |

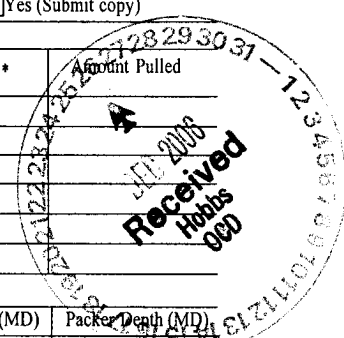
28. Production - Interval A

| Date First Produced | Test Date            | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 08/31/2006          | 09/02/2006           | 24           | →               | 28      | 54      | 180       |                       |             | Pumping           |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio         | Well Status |                   |
|                     |                      |              | →               | 28      | 54      | 180       |                       |             | Producing         |

28a. 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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
|                     |                      |              | →               |         |         |           |                       |             |                   |
| 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)



cal

dm

| 28b. Production - Interval C |                      |              |                      |         |         |           |                       |             |                   |
|------------------------------|----------------------|--------------|----------------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 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                   | Thg. Press. Plog. 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 Corr. API | Gas Gravity | Production Method |
| Choke Size                   | Thg. Press. Plog. 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.)

| 30. Summary of Porous Zones (Include Aquifers):                                                                                                                                                                   |      |         |                              | 31. Formation (Log) Markers |                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------|------------------------------|-----------------------------|-----------------|
| 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. |      |         |                              |                             |                 |
| Formation                                                                                                                                                                                                         | Top  | Bottom  | Descriptions, Contents, etc. | Name                        | Top Meas. Depth |
|                                                                                                                                                                                                                   | 0    | 1000    | Permian Red Beds             | Bell Canyon                 | 5040            |
|                                                                                                                                                                                                                   | 1000 | 5040    | Salt & Anhydrite             | Cherry Canyon               | 5997            |
|                                                                                                                                                                                                                   | 5040 | 5996    | Sand/Shale - Delaware        | Brushy Canyon               | 7289            |
|                                                                                                                                                                                                                   | 5997 | 7288    | Sand/Shale - Delaware        | Bone Spring                 | 8578            |
|                                                                                                                                                                                                                   | 7289 | 8577    | Sand/Shale - Delaware        |                             |                 |
|                                                                                                                                                                                                                   | 8578 | 8800 TD | Limestone                    |                             |                 |

32. Additional remarks (include plugging procedure):

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

☒ Electrical/Mechanical Logs (1 full set req'd.)   
 ☐ Geologic 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) LINDA GOOD

Title PERMITTING AGENT

Signature Linda Good

Date 09/28/2006

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.