

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOCD Copy

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

| | | | | | |
|---|--|---|--|--------------------------------------|---|
| 1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other | | | 5. Lease Serial No. NMNM0392082A | | |
| b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____ | | | 6. If Indian, Allottee or Tribe Name | | |
| 2. Name of Operator CIMAREX ENERGY COMPANY OF <input checked="" type="checkbox"/> Contact: CRISTEN BURDELL Email: cburdell@cimarex.com | | | 7. Unit or CA Agreement Name and No. | | |
| 3. Address 600 NORTH MARIENFELD STREET, SUITE 600 MIDLAND, TX 79701 | | 3a. Phone No. (incl. area code) Ph: 918-560-7038 | 8. Lease Name and Well No. HALLERTAU 4 FEDERAL 6H | | 9. API Well No. 30-025-41628-00-S1 |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NENW 330FNL 2260FEL At top prod interval reported below NENW 330FNL 2260FEL At total depth SESW 306FSL 2144FWL | | | 10. Field and Pool, or Exploratory JENNINGS <i>Upper Shale BS</i> | | |
| | | | | | |
| | | | 14. Date Spudded 08/06/2014 | 15. Date T.D. Reached 08/23/2014 | 16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 11/08/2014 |
| 18. Total Depth: MD 13739 TVD 9456 | | 19. Plug Back T.D.: MD 13739 TVD | | 20. Depth Bridge Plug Set: MD TVD | |
| 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NONE | | | 22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis) | | |

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 Sk. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|------------|-------------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| 17.500 | 13.375 J55 | 48.0 | 0 | 1216 | | 1015 | | 0 | 180 |
| 12.250 | 9.625 J55 | 40.0 | 0 | 4504 | | 1320 | | 0 | 241 |
| 8.500 | 5.500 L80 | 20.0 | 0 | 13739 | | 2070 | | 3958 | |
| | | | | | | | | | |
| | | | | | | | | | |

24. Tubing Record

| Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|-------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2.375 | 8919 | 8919 | | | | | | |

| 25. Producing Intervals | | | 26. Perforation Record | | | |
|-------------------------|------|--------|------------------------|-------|-----------|---------------------------------|
| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
| BONE SPRINGS UPPER SHAL | 9730 | 13649 | 9730 TO 13649 | 0.000 | 874 | OPEN (97838) U Bone Spring Shal |
| B) | | | | | | |
| C) | | | | | | |
| D) | | | | | | |

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

| Depth Interval | Amount and Type of Material |
|----------------|---------------------------------------|
| 9730 TO 13649 | 7344643 GAL. FLUID, 8778224 # OF SAND |
| | |
| | |

ACCEPTED FOR RECORD

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 |
|---------------------|--------------------------|-------------------|-----------------|-------------|--------------|----------------|-----------------------|-----------------|-------------------|
| 11/18/2014 | 11/24/2014 | 24 | → | 315.0 | 2214.0 | 1226.0 | 46.3 | | GAS LIFT |
| Choke Size | Tbg. Press. Flwg. 430 SI | Csg. Press. 525.0 | 24 Hr. Rate → | Oil BBL 315 | Gas MCF 2214 | Water BBL 1226 | Gas:Oil Ratio | Well Status POW | |

FEB 12 2015
[Signature]

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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 reverse side)
ELECTRONIC SUBMISSION #288820 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** BLM REVISED **

Reclamation Date 5/24/2015

FEB 18 2015

[Signature]

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.)
CAPTURED

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 |
| DELAWARE BONE SPRING | 4500 8635 | 8635 13599 | SANDSTONE; WATER SANDSTONE, WATER, LIMESTONE | RUSTLER TOP OF SALT DELAWARE BONE SPRING | 1200 1565 4500 8615 |

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):

**Electronic Submission #288820 Verified by the BLM Well Information System.
For CIMAREX ENERGY COMPANY OF CO, sent to the Hobbs
Committed to AFMSS for processing by LINDA JIMENEZ on 01/21/2015 (15LJ0566SE)**

Name (please print) CRISTEN BURDELL Title REGULATORY

Signature (Electronic Submission) Date 01/21/2015

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.

**** REVISED ** REVISED ****