

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

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

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. NM-074937 | |
| 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 Co. of Colorado | | 7. Unit or CA Agreement Name and No. | |
| 3. Address PO Box 140907; Irving, TX 75014 | | 8. Lease Name and Well No. Hydrus 10 Federal 3 | |
| 3a. Phone No. (include area code) 972-443-6489 | | 9. API Well No. 30-015-36330 | |
| 4. Location of Well (Report Location clearly and in accordance with Federal requirements)* At surface 330' FSL & 990' FEL At total depth | | 10. Field and Pool, or Exploratory Loco Hills; Glorieta, Yeso | |
| 14. Date Spudded 08.27.08 | | 15. Date T.D. Reached 09.07.08 | |
| 16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. | | 17. Elevations (DF, RKB, RT, GL)* 3701' GR | |
| 18. Total Depth: TD 6,005' | | 19. Plug Back TD: TD 5,981' | |
| 20. Depth Bridge Plug Set: MD TVD | | 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) HRLA, HNGS, PEX | |
| 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 report) Directional Survey <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy) | | 23. Casing and Liner Record (Report all strings set in well) | |
| 24. Tubing Record | | 25. Producing Intervals | |
| 26. Perforation Record | | 27. Acid, Fracture, Treatment, Cement Squeeze, etc. | |
| 28. Production - Interval A | | 28. Production - Interval B | |

DEC - 2 2008
OCD-ARTESIA

Accepted for record - NMOCD

* (See instructions and spaces for additional data on page 2)

Accepted for record - NMOCD

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.)

Gas sold 9-26-08 to 10-20-08, Well SI for completion in Paddock formation 10-21-08 to 10-29-08, Gas 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 |
| | | | | Queen | 2,249' |
| | | | | San Andres | 2,969' |
| | | | | Glorietta | 4,437' |
| | | | | Paddock | 4,521' |
| | | | | Blinberry | 5,105' |
| | | | | Tubb | 5,925' |

32. Additional remarks (include plugging procedure):

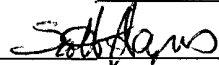
2 1/2"x2"x20' HHBC Quinn pump installed.

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: PEAK Systems Drawing, Frac Job, Deviation/well path

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) Scott Haynes Title Regulatory Analyst

Signature  Date November 12, 2008

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.

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

Hydrus 10 Federal 4

10-17S-30E

Eddy County, NM

| Depth Interval | Amount and Type of Material Used |
|----------------|---|
| 5400'-5600' | Pump 68 bbls 15% HCL drop 60 RCBS. Spearhead 60 bbls of Acid ahead of frac, Pumped 68,200# of 16/30 Ottawa sand ramp from 1/4 to 3 PPG, 21,000# of 16/30 Siberprop @ 3PPG (Total sand 89,200#) |
| 5150'-5350' | Pump 69 BBLS 15% Hcl, drop 50 RCBS. Spearhead 60 BBLS 15% HCL start 191 bbls pad, Pump 68,200# of 16/30 Ottawa sand ramped 1/4 to 3 PPG, 21,000# of 16/30 Siberprop @ 3PPG (Total sand 89,200#) |
| 4900'-5100 | Pump 60 bbls 15% HCL, Drop 50 RCBS. Spearhead 60 bbls 15% HCL ahead of frac, frac with 68,200# of Ottawa sand ramp from 1/4 to 3 ppg 21,000# of 16/30 Siberprop |
| 4530'-4799' | Pump 350 gals 15% HCL ahead of load water, drop 45 RCBS. Frac with 105,894# of 16/30 white sand, ramp from 1/4 ppg to 3 ppg and 18,563 of 16/30 Siber prop (Total Sand 124,457#). |
| | |

DISTRICT I
1425 N. French Dr., Suite, NM 88202

DISTRICT II
1301 W. Grand Avenue, Alameda, NM 88310

DISTRICT III
1000 E. Brazos Rd., Aztec, NM 87410

DISTRICT IV
6320 N. St. Francis Dr., Santa Fe, NM 87508

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised October 12, 2005

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|----------------------------|---|---|
| API Number 30-015-36330 | Pool Code 96718 | Pool Name Loco Hills; Glorietta Yeso |
| Property Code | Property Name HYDRUS "10" FEDERAL | Well Number 3 |
| OGHD No. 162683 | Operator Name CIMAREX ENERGY CO. OF COLORADO | Elevation 3715' |

Surface Location

| UL of lot No. | Section | Township | Range | Lot Lhs | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| P | 10 | 17 S | 30 E | | 330 | SOUTH | 990 | EAST | EDDY |

Bottom Hole Location If Different From Surface

| UL of lot No. | Section | Township | Range | Lot Lhs | Feet from the | North/South line | Feet from the | East/West line | County |
|-----------------------|-----------------|--------------------|-----------|---------|---------------|------------------|---------------|----------------|--------|
| | | | | | | | | | |
| Dedicated Acres 40 | Joint or Infill | Consolidation Code | Order No. | | | | | | |

NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

| | | | | | | | |
|---|--|-----------|--|--|--|---|--|
| | | | | | | OPERATOR CERTIFICATION | |
| | | | | | | <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a nonregulatory pooling order heretofore entered by the division.</p> <p><u>Scott Haynes</u> 11-14-08 Signature Date</p> <p>Scott Haynes Printed Name</p> | |
| | | | | | | SURVEYOR CERTIFICATION | |
| | | | | | | <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>JANUARY 17, 2008</p> <p>Date Surveyed L: Jones Signature & Seal of Professional Surveyor Professional Surveyor No. 7977</p> <p>Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS</p> | |
| SURFACE LOCATION Lat - N32°50'33.56" Long - W103°57'15.84" NAD83 N 670500.3 E 657715.5 (NAD-83) | | NM-074967 | | | | | |

WELL NAME AND NUMBER Hydrus 10 federal # 3

LOCATION Section 10, T 17S, R 30E, 330 FSL, 990 FEL, Eddy County

OPERATOR Cimarex Energy

DRILLING CONTRACTOR United Drilling, Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and had conducted deviation test and obtained the following results:

| Degrees @ Depth | Degrees @ Depth | Degrees @ Depth |
|-----------------|-----------------|-----------------|
| 1 @ 190' | 3/4 @ 4558' | |
| 1 @ 453' | 1 @ 5002' | |
| 1/2 @ 705' | 1/4 2 5351' | |
| 1-1/2 @ 968' | 1 /2 @ 5860' | |
| 1 @ 1517' | | |
| 3/4 @ 2019' | | |
| 1-1/4 @ 2273' | | |
| 3/4 @ 2526' | | |
| 1 @ 2776' | | |
| 1 @ 3034' | | |
| 1 -1/4 @ 3288' | | |
| 2 @ 3542' | | |
| 1-1/2 @ 3669' | | |
| 1-1/4 2 3923' | | |
| 3/4 @ 4113' | | |
| 3/4 @ 4363' | | |

Drilling Contractor- UNITED DRILLING, INC.

By:

Luisa Noriega

Luisa Noriega

Title:

Asst. Office Mgr

Subscribed and sworn to before me this 12 day of September, 2008

Dave A. Alho

Notary Public

My Commission Expires:

10-8-08

Craves NM
County State