

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. LC-060524 | | | |
| 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 | | | 3a. Phone No. (include area code) 972-443-6489 | | | 8. Lease Name and Well No Vega 9 Federal No. 1 | | | |
| 4. Location of Well (Report Location clearly and in accordance with Federal requirements)* At surface 2310' FNL & 660' FWL At top prod interval reported below At total depth | | | | | | 9. API Well No 30-015-36234 | | | |
| 14. Date Spudded 05.04.08 15. Date T.D. Reached 05.15.08 16. Date Completed 05.28.08 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. | | | | | | 10. Field and Pool, or Exploratory Loco Hills; Glorieta-Yeso | | | |
| | | | | | | 11. Sec., T., R., M., on Block and Survey or Area 9-17S-30E | | | |
| 18. Total Depth: MD 5995' TVD | | | | | | 12. County or Parish Eddy | | | |
| 19. Plug Back TD: MD 5901' TVD | | | | | | 13. State NM | | | |
| 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) PEX-HRLA-HNGSCNL-GR | | | | | | 17. Elevations (DF, RKB, RT, GL)* 3674' GL | | | |
| 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) | | | | | | | | | |
| 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 |
| 14 3/4" | 11 3/4" H40 | 42 | 0' | 432' | | 350 sx class C | | 0' | |
| 11" | *8 5/8" J-55 | 24 | 0' | 1355' | | 460 sx POZ/class C | | 0' | |
| 7 7/8" | 5 1/2" J-55 | 17 | 0' | 5995' | | 855 sx Lite/PVL | | 0' | |
| *Casing set by Matador Operating Co. in 08-08 | | | | | | | | | |
| 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" | 4886' | | | | | | | | |
| 25. Producing Intervals | | | | | | | | | |
| Formation | | Top | Bottom | Perforated Interval | | Size | No Holes | Perf Status | |
| A) Blinbry | | 5280' | 5818' | 5525'-5725' (Blinbry) | | 0.41 | 48 | Producing | |
| B) Paddock | | 4390' | 5280' | 5250'-5450' (Blinbry/Paddock) | | 0.41 | 36 | Producing | |
| C) Paddock | | 4390' | 5280' | 4975'-5175' (Paddock) | | 0.41 | 36 | Producing | |
| D) | | | | | | | | | |
| 27. Acid, Fracture, Treatment, Cement Squeeze, etc | | | | | | | | | |
| Depth Interval | | Amount and Type of Material | | | | | | | |
| | | See Attachment | | | | | | | |
| 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 |
| 05.30.08 | 06.18.08 | 24 | → | 11 | 30 | 330 | 36.56 | 1.3347 | Pumping |
| Choke Size | Tbg Press Flwg. | Csg. Press | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio | Well Status | |
| 48/64 | SI 250 | 40 | → | 11 | 30 | 330 | 2,727 | Producing | |
| 28. 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. | Csg. Press | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio | Well Status | |
| SI | | | → | | | | | | |

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

Accepted for record - NMOCD

ACCEPTED FOR RECORD

OCT 15 2008

JERRY FANT
PETROLEUM GEOLOGIST

| 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.*)

Sold

| 30. Summary of Porous Zones (Include Aquifers): | | | | 31. Formation (Log) Markers | |
|--|-----|--------|------------------------------|-----------------------------|--------------------|
| <p>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.</p> | | | | | |
| Formation | Top | Bottom | Descriptions, Contents, etc. | Name | Top Meas. Depth |
| | | | | Grayburg/San Andres | 3020' |
| | | | | Glorieta | 4280' |
| | | | | Paddock | 4390' |
| | | | | Blaine | 5280' |
| | | | | Tubb | 5818' |

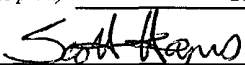
32. Additional remarks (include plugging procedure):

• Rod Pump: 2½" x 2" x 20' RHBC

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) Scott Haynes Title Regulatory Analyst
 Signature  Date October 7, 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

Vega 9 Federal No. 1

9-17S-30E

Eddy County, NM

| Depth Interval | Amount and Type of Material Used |
|----------------|---|
| 5525'-5725' | Pump 2500 gals 15% HCL, drop 100 bio balls. Flush with 10 bbls water. Spearhead 2500 gals of 15% HCL. Pump 69909 lbs of 16/30 white sand, tail in 23900 lbs of super LC 16/30 sand ramp sand from 1/4 ppg to 3 ppg. Spot 1000 gal 15% HCL ahead of flush. |
| 5250'-5450' | Pump 2500 gals 15% HCL, drop 54 bio balls. Flush with 10 bbls water. Spearhead 2500 gals of 15% HCL followed by 191 BBL pad ramp sand from 1/4 ppg to 3 ppg. 68100 # of 16/30 white sand, 24213 # of Super LC. Spot 1000 gal 15% HCL ahead of flush. |
| 4975'-5175' | Pump 2500 gals 15% HCL, drop 54 bio balls. Spearhead 3900 gals of 15% HCL Ahead of frac, Pump 67691 lbs 16/30 white sand, 21205 lbs super LC. Ramp sand from 1/4 ppg to 3 ppg. |
| | |
| | |

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II
1301 W. Grand Avenue, Artesia, NM 88210

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

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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 30-015-36234 | Pool Code 96718 | Pool Name Loco Hills; Glorieta-Yeso |
| Property Code | Property Name VEGA "9" FEDERAL | Well Number 1 |
| OGRID No. 162683 | Operator Name CIMAREX ENERGY CO. OF COLORADO | Elevation 3674' |

Surface Location

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|----------|-------------|-------------|---------|---------------|------------------|---------------|----------------|-------------|
| E | 9 | 17 S | 30 E | | 2310 | NORTH | 660 | WEST | EDDY |

Bottom Hole Location If Different From Surface

| UL or lot No. | Section | Township | Range | Lot Idn | 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 WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**

| | | |
|---|--|--|
| <p>SURFACE LOCATION Lot - N32°50'59.86" Long - W103°59'00.29" NMSPCE- N 673127.4 E 648796.5 (NAD-83)</p> | <p>OPERATOR CERTIFICATION</p> <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 unleased 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 compulsory pooling order heretofore entered by the division.</p> <p><i>Scott Haynes</i> 10-8-08 Signature Date</p> <p>Scott Haynes Printed Name</p> | |
| | <p>SURVEYOR CERTIFICATION</p> <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 Signature <i>Gary L. Jones</i> Professional Surveyor No. 10245</p> | |
| | <p>Certificate No. Gary L. Jones 7977</p> | |
| | <p>BASIN SURVEYS</p> | |

WELL NAME AND NUMBER Vega 9 Federal # 1

LOCATION Section 9, T17S, R30E, 2310 FNL, 660 FWL, 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 |
|-----------------|-----------------|-----------------|
| 1/2 @ 237' | 1 @ 4108' | |
| 1/2 @ 400' | 1-3/4 @ 4356' | |
| 1/2 @ 930' | 1 @ 4669' | |
| 1-1/4 @ 1315' | 1/2 @ 4930' | |
| 1/2 @ 1558' | 1/4 @ 5112' | |
| 1 @ 1810' | 3/4 @ 5399' | |
| 3 @ 2346' | 1/2 @ 5965' | |
| 3-1/4 @ 2428' | | |
| 3 @ 2534' | | |
| 2-1/2 @ 2629' | | |
| 1-1/2 @ 2775' | | |
| 1-1/2 @ 2934' | | |
| 1-3/4 @ 3187' | | |
| 1-3/4 @ 3415' | | |
| 1-1/4 @ 3536' | | |
| 1-1/2 @ 3784' | | |

Drilling Contractor- UNITED DRILLING, INC.

By: _____

Luisa Garcia

(Luisa Garcia)

Title: _____

Assistant Office Manager

Subscribed and sworn to before me this 21 day of May, 2008

[Signature]
Notary Public

My Commission Expires:

Chaves NM
County State

10-8-08