

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

OCD-ARTESIA

MAR 17 2009

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

LM

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-19423			
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 5215 N. O'Connor Blvd ste. 1500 Irving Tx 75039					3a. Phone No. (include area code) 972-443-6489					8. Lease Name and Well No White City 14 Federal 5			
4. Location of Well (Report Location clearly and in accordance with Federal requirements)* At surface 330 FNL & 1980 FEL At top prod. interval reported below 346 FNL & 1914 FEL At total depth 2310 FNL & 1983 FWL										9. API Well No. 30-015-36408			
14. Date Spudded 10.04.08										15. Date T.D. Reached 10.24.08		16. Date Completed 11.24.08 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.	
18. Total Depth: MD 4,880' Pilot Hole 3400' TVD 2,979'										19. Plug Back TD: MD 4880' Pilot Hole 2282' TVD 2979'		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) HRLLA, TDLD, HNGR										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 type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)			
23. Casing and Liner Record (Report all strings set in well)										10. Field and Pool, or Exploratory Cottonwood Draw; Delaware			
24. Tubing Record										11. Sec., T., R., M., on Block and Survey or Area 14-25S-26E			
25. Producing Intervals										12. County or Parish Eddy			
26. Perforation Record										13. State NM			
27. Acid, Fracture, Treatment, Cement Squeeze, etc.										17. Elevations (DF, RKB, RT, GL)* 3289' GL			
28. Production - Interval A -													
28. Production - Interval B -													

CONFIDENTIAL

ACCEPTED FOR RECORD

MAR 14 2009

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

ME

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.*)

Flare Tested gas from 11-25-08 to 12-18-08, first gas sales 12-19-08

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
				Top Salt	1,098'
				Base Salt	1,711'
				Delaware	1,917'
				Cherry Canyon	2,853'

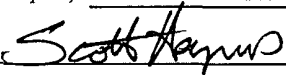
32. Additional remarks (include plugging procedure):

Plugged back pilot hole to 2282' then drilled out cement to 3230' and began drilling curve for horizontal.

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 March 3, 2009

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

White City 14 Federal 5

14-25S-26E

Eddy County, NM

Depth Interval	Amount and Type of Material Used
Stage 1 4605'-4740'	Pump 36 bbls 20# linear gel & BD at 2117#. Pump 36 bbls of 20# linear gel pad followed by 1 ppg to 3 ppg 16/30 brown sand in SilverStim gel system. Pump down 2 7/8" tbg at 10 BPM at 2000#. Drop 1 1/2" ball. Pump 25 bbls 20# linear gel, seat ball, open port at 4444' with 4525#. Max psi 2200#. 5000# 16/30 white sand pumped.
Stage 2 4313'-4605'	SD, ISIP 998#. Pump 36 bbls of 20# linear gel pad at 10 BPM followed by 1 ppg to 3 ppg 16/30 white sand in SilverStim gel system drop 1 3/4" ball. Pump 24 bbls 20# linear gel, seat ball, open port at 4114' with 3561#. Max psi 2000#. 5000# 16/30 white sand pumped.
Stage 3 3950'-4313'	SD, ISIP 1002#. Pump 36 bbls of 20# linear gel pad at 10 BPM followed by 1 ppg to 3 ppg 16/30 white sand in SilverStim gel system, drop 2" ball. Pump 22 bbls 20# linear gel, seat ball, open port at 3780' with 4795#. Max psi 2290#. 5000# 16/30 white sand pumped.
Stage 4 3617'-3950'	SD, ISIP 971#. Pump 36 bbls of 20# linear gel pad at 10 BPM followed by 1 ppg to 3 ppg 16/30 white sand in SilverStim gel system drop 2 1/4" ball. Pump 20 bbls 20# linear gel, seat ball, open port at 3421' with 2616#. Max psi 1950#. 5000# 16/30 white sand pumped.
Stage 5 3230'-3617'	SD, ISIP 959#. Pump 36 bbls of 20# linear gel pad at 10 BPM followed by 1 ppg to 3 ppg 16/30 white sand in SilverStim gel system & Flush with 19.8 bbls 20# linear gel. Max psi 2160#. 5000# 16/30 white sand pumped.

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 30-015-36408	Pool Code 96541	Pool Name Cottonwood Draw; Delaware
Property Code	Property Name WHITE CITY "14" FEDERAL	Well Number 5
GRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Elevation 3289'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	14	25 S	26 E		330	NORTH	1980	EAST	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
G	14	25 S	26 E		2310	NORTH	1983	EAST	EDDY

Dedicated Acres 80	Joint or Infill	Consolidation Code	Order No.
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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>SHL 330 FNL & 1980 FEL</p> <p><u>SURFACE LOCATION</u> Lat - N32°08'10.60" Long - W104°15'41.14" NMSPC- N 413320.6 E 563594.8 (NAD-83)</p> <p><u>BOTTOM HOLE LOCATION</u> Lat - N32°07'51.00" Long - W104°15'41.03" NMSPC- N 411340.539 E 563604.966 (NAD-83)</p> <p>SHL 330 FNL & 1980 FEL</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><u>Signature</u> <u>03-04-09</u> <u>Date</u></p> <p><u>Scott Haynes</u> <u>Printed Name</u></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><u>MARCH 4, 2008</u> <u>Date Surveyed</u></p> <p><u>Signature of Gary L. Jones</u> <u>Professional Surveyor</u></p> <p><u>Certificate No. Gary L. Jones 7977</u></p> <p>BASIN SURVEYS</p>
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