

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 type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other										5. Lease Serial No. NM-15007					
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. Glenwood 28 Federal 4					
4. Location of Well (Report Location clearly and in accordance with Federal requirements)* At surface 760' FNL & 960' FEL At top prod. interval reported below At total depth										9. API Well No. 30-015-36327					
NOV 18 2008 OCD-ARTESIA										10. Field and Pool, or Exploratory Strawn; Wildcat					
										11. Sec., T., R., M., on Block and Survey or Area 28-16S-29E					
										12. County or Parish Eddy					
14. Date Spudded 05.19.08										15. Date T.D. Reached 06.21.08		16. Date Completed 07.29.08 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* 3642' GL	
18. Total Depth: TD 9,830'				19. Plug Back TD: TD 9,578'				20. Depth Bridge Plug Set: MD 9570' TVD							
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL-HNGSCNL-GR										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'	4326'		400 sx class C		0'							
11"	8 5/8" J-55	232	0'	2647'		1060 sx intrfil C		0'							
7 7/8"	5 1/2" P110	17	0'	9830'		1425 sx intfil H/PB		2400'							
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"	9421'	9157'	5 1/2" X 2 7/8"												
25. Producing Intervals					26. Perforation Record										
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status							
A) Strawn		9,480'	9,830'	9506'-9630		0.43	48	Producing							
B)															
C)															
D)															
27. Acid, Fracture, Treatment, Cement Squeeze, etc															
Depth Interval		Amount and Type of Material													
9506'-6930'		Acid treat perms with 12000 gals of 2% KCL, Frac perms with 193286 gals of waterfrac g-r and 338897 # of 16/30 interprop ramped up from 1/4 ppg to 3 ppg. Acid treat with 2000 gals 5% KCL and 150 balls, set CIBP at 9570' with 8' of cement on top covering lower perms.													
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						
07.30.08	08.17.08	24	→	17	101	67	43.2	1.26	Pumping						
Choke Size	Tbg Press Flwg	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio		Well Status						
25/64	SI 200	50	→	17	101	67	5,941	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	SI		→												

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

Accepted for record - NMOCD

ACCEPTED FOR RECORD

NOV 15 2008

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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): 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
				Yates	940'
				San Andres	2,455'
				Glorieta	3,875'
				Tubb	5,170'
				Abo Shale	5,895'
				Wolfcamp	7,228'
				Strawn	9,480'

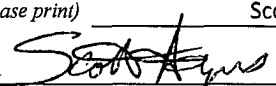
32. Additional remarks (include plugging procedure):

• problems with lower perms set CIPB @ 9570' with 8' of cement on top. 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: Deviation report

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 11, 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.

DISTRICT I
1849 N. French Dr., Dallas, NM 88440

DISTRICT II
1801 W. Grand Avenue, Artesia, NM 88410

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

DISTRICT IV
1229 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

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

Form C-102
Revised October 12, 2003

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-36327	Pool Code	Pool Name Strawn; wildcat
Property Code	Property Name GLENWOOD "28" FEDERAL COM	Well Number 4
OGRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Elevation 3642'

Surface Location

UL or lot No.	Section	Township	Range	Lot Ltn	Feet from the	North/South line	Feet from the	East/West line	County
A	28	16 S	29 E		760	NORTH	960	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Ltn	Feet from the	North/South line	Feet from the	East/West line	County
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Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320			

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

NM-99032	NM-15007	<p>SURFACE LOCATION Lat - N32°53'52.10" 3540.9' 3647.6' Long - W104°04'27.74" 960' NMSPC- N 590459.760 E 620820.601 (NAD-83)</p>	<p>OPERATOR CERTIFICATION 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. Signature: <u>Scott Haynes</u> 11-11-08 Date: _____ Printed Name: <u>Scott Haynes</u></p>
			<p>SURVEYOR CERTIFICATION 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. MARCH 24, 2008 Date Surveyed: _____ Signature: <u>Gary L. Jones</u> Professional Surveyor Certificate No. Gary L. Jones 7977 BASIN SURVEYS</p>

OPERATOR Cimarex Energy
WELL/LEASE Glenwood 28 Fed Com #4
COUNTY Eddy RIG 623

STATE OF NEW MEXICO
DEVIATION REPORT

341	0.75
512	1.00
1,091	1.00
1,600	0.75
2,131	1.00
3,061	0.75
3,497	0.75
3,964	0.75
5,008	0.75
5,234	0.25
5,531	1.00
5,748	0.75
5,997	0.50
6,282	0.75
6,529	0.50
6,714	1.00
7,070	0.75
7,248	1.00
7,435	0.25
7,624	0.75
7,812	0.25
8,066	1.00
8,471	0.25
8,906	0.75
9,344	0.50
9,830	1.00

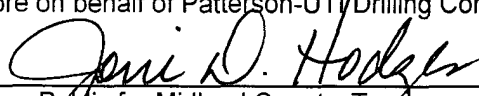
BY: 

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on
Moore on behalf of Patterson-UT/Drilling Company LLC.

July 1st, 2008 , by Steve


Notary Public for Midland County, Texas
My Commission Expires: 4/11/11

