

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



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. Pending	
3. Address PO Box 140907; Irving, TX 75014		8. Lease Name and Well No. Glenwood 28 Federal Com No. 1	
3a. Phone No. (include area code) 972-443-6489		9. API Well No. 30-015-35735	
4. Location of Well (Report Location clearly and in accordance with Federal requirements)* At surface 760' FNL & 760' FEL At top prod interval reported below At total depth		10. Field and Pool, or Exploratory Wildcat Atoka	
		11. Sec., T., R., M., on Block and Survey or Area 28-16S-29E	
		12. County or Parish Eddy	13. State NM
14. Date Spudded 08.21.07	15. Date T D. Reached 10.02.07	16. Date Completed 11.03.07 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.	
		17. Elevations (DF, RKB, RT, GL)* 3645' GR	

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18. Total Depth. MD 10,620' TVD	19. Plug Back TD. MD 10212' TVD	20. Depth Bridge Plug Set: MD 10222' TVD
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) Porosity, Resistivity, Sonic, CBL		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input type="checkbox"/> No <input checked="" 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
17-1/2	13-3/8 H-40	48	0	355'		530 sx Thixotropic & Prem Plus		0'	
12-1/4	8-5/8" J-55	24	0	2,660'		*831 sx Thixotropic, Int C, Prem Plus		0'	* see page 2, comments
7-7/8	5-1/2" P-110	17	0	10,620'		1425 sx Int H, PBSH		980' (CBL)	

24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2-3/8"	10,082'	9,940'							

25. Producing Intervals				26. Perforation Record			
Formation	Top	Bottom		Perforated Interval	Size	No. Holes	Perf. Status
A) Wildcat Morrow	10,300'	10,419'		10354'-10382'	0.48	110	SI behind CBP @ 10222'
B) Wildcat Atoka	9,930'	10,299'		10067'-10082'	0.48	91	Producing
C)							
D)							

27. Acid, Fracture, Treatment, Cement Squeeze, etc.		Amount and Type of Material
Depth Interval		

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
11.03.07	12.03.07	24	→	18	592	50	51.8	1.145	Flowing
Choke Size	Tbg Press Flwg	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
12/64	SI 3620	0	→				32889	Flowing	

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)

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
				Queen	1,705'
				San Andres	2,460'
				Glorieta	3,875'
				Tubb	5,180'
				Abo	5,900'
				Wolfcamp	7,218'
				Cisco	8,815'
				Strawn	9,665'
				Atoka	9,930'
				Morrow Clastics	10,300'
				Mississippian	10,420'

32. Additional remarks (include plugging procedure).

Intermediate casing became stuck in shale bridge. Perfed intermediate casing 1650-1652' w/ 2' perf gun 8 shots. Cemented w/ 831 sx Thixotropic, Interfill C, and Premium Plus. One-inched to surface w/ 1014 sx Premium Plus. Set cement retainer @ 2516' w/ 400 sx Premium Plus. Sundry Notice to this effect accepted by BLM on 08-31-07.

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) Natalie Krueger Title Reg Analyst
 Signature Natalie Krueger Date January 16, 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

OPERATOR
WELL/LEASE
COUNTY

CIMAREX ENERGY CO.
GLENWOOD 28 FED. 1
EDDY

080-0055

STATE OF NEW MEXICO
DEVIATION REPORT

312	2.00
750	0.50
965	1.00
1,283	1.00
1,619	0.25
2,067	1.00
2,347	0.75
2,875	1.00
3,249	1.00
3,822	0.50
4,170	1.00
4,520	1.00
4,774	2.00
4,933	2.00
5,019	1.00
5,450	2.00
5,704	1.00
5,962	2.00
6,203	0.25
6,470	1.00
6,978	2.00
7,310	2.00
7,502	1.25
7,755	1.00
8,020	2.00
8,265	1.00
8,559	1.00
8,676	1.00
8,960	2.00
9,211	1.25
9,709	2.00
9,930	1.00
10,179	2.00
10,400	2.00
10,621	2.00

BY: _____

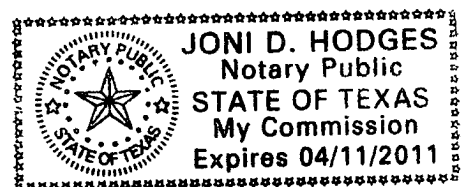
STATE OF TEXAS

COUNTY OF MIDLAND

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

Joni D. Hodges
Notary Public for Midland County, Texas
My Commission Expires: 4/11/11

November 7, 2007 , by Steve



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

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

DISTRICT III
1000 Rio Brazos Rd., Antec, 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 30-015-35735	Pool Code	Pool Name Wildcat Atoka
Property Code	Property Name GLENWOOD "28" FEDERAL COM	Well Number 1
OGRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Elevation 3645'

Surface Location

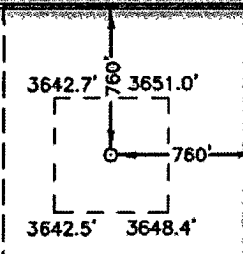
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	28	16 S	29 E		760	NORTH	760	EAST	EDDY

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
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Dedicated Acres 320	Joint or Infill	Consolidation Code P	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**

NM-99032	NM-15007	Glenwood 28 Fed Com 1		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. Zeno Farris 01-16-08 Signature Date Zeno Farris Printed Name
				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. JUNE 15, 2007 Date Signature of Professional Surveyor 18234 Certificate No. Gary L. Jones 7977 BASIN SURVEYS