


 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-12128					
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. Juno 27 Federal Com No. 2					
3a. Phone No. (include area code) 972-443-6489				9. API Well No. 30-015-36114					
4. Location of Well (Report Location clearly and in accordance with Federal requirements)* At surface 1980 FNL & 660 FWL At top prod interval reported below At total depth				10. Field and Pool, or Exploratory Henshaw; Morrow, Southwest (Gas)					
OCT 17 2008 OCD-ARTESIA				11. Sec., T., R., M., on Block and Survey or Area 27-16S-29E					
				12. County or Parish Eddy		13. State NM			
14. Date Spudded 02.11.08		15. Date T.D. Reached 03.10.08		16. Date Completed 04.13.08 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod		17. Elevations (DF, RKB, RT, GL)* 3654' GR			
18. Total Depth: MD 10648' TVD		19. Plug Back TD. 10574' TD		20. Depth Bridge Plug Set: MD 10300' (RBP w/ 1 sx sand) TVD					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) Nuc, Res, CBL				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 Cement Depth	No. of Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2"	13 3/8"	48	0'	376'		350 PPHL, PP		0'	
12 1/4"	9 5/8"	40	0'	2653'		900 sx IntC, PP		0'	
8 1/2"	7"	26	0'	10648'		1340 sx IntH, PSSH		190'	
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"	10356'	10341'							
25. Producing Intervals					26. Perforation Record				
Formation		Top	Bottom	Perforated Interval		Size	No Holes	Perf Status	
A) Morrow		10325'	10450'	10406' - 10452'		0.43	255	SI under Sliding Sleeve	
B)									
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, etc									
Depth Interval		Amount and Type of Material							
10406' - 10452'		5000 gal 7 1/2% NeFe, flush w/ 7% KCl							
10406' - 10452'		28380 gal 35# Water Frac CMHPG, 3950 gal Methanol, 175.2 tons CO ₂ , 97000# Versaprop							
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
04.13.08	04.22.08	24	→	11	2225	13	48	1.030	Flow test
Choke Size	Tbg Press Flwg	Csg Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
20/64	SI 2660	900	→				202,272	Morrow currently SI behind sliding sleeve	
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.)

Flared

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
				Grayburg	2050'
				San Andres	2500'
				Abo	5950'
				Wolfcamp	7270'
				U. Strawn S.S.	9570'
				Atoka Clastics	9950'
				Morrow Clastics	10325'

32. Additional remarks (include plugging procedure):

Morrow currently SI behind sliding sleeve @ 10043'...RBP was installed on 05-09-08 @ 10300' w/ 1 sx sand above the Morrow so Atoka could be tested. RBP switched out for sliding sleeve on 05-23-08 so Atoka could produce. Currently producing Atoka and will apply to DHC Atoka and Morrow. Morrow only produced 04-13-08 to 04-22-08.

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 Regulatory Analyst
 Signature Natalie Krueger Date October 3, 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.
JUNO 27 FED. 2
EDDY

075-0062

STATE OF NEW MEXICO
DEVIATION REPORT

680	0.50
996	1.00
1,494	0.50
1,985	0.75
2,577	1.00
3,011	0.50
3,366	1.25
3,611	1.00
4,100	1.00
4,608	2.00
5,021	2.00
5,785	0.50
6,069	2.50
6,440	1.75
6,510	3.00
6,691	2.00
7,008	1.75
7,169	1.00
7,421	1.75
7,614	1.75
7,867	0.75
8,090	0.25
8,979	0.75
9,377	0.75
9,837	1.00
10,180	1.00
10,648	1.00

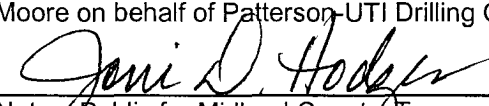
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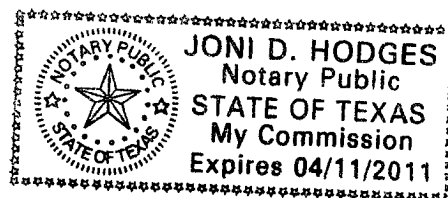
STATE OF TEXAS

COUNTY OF MIDLAND

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

March 31, 2008, by Steve


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



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 30-015-36114	Pool Code	Pool Name Henshaw; Morrow, SW (Gas)
Property Code	Property Name JUNO "27" FEDERAL COM	Well Number 2
OGRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Elevation 3654'

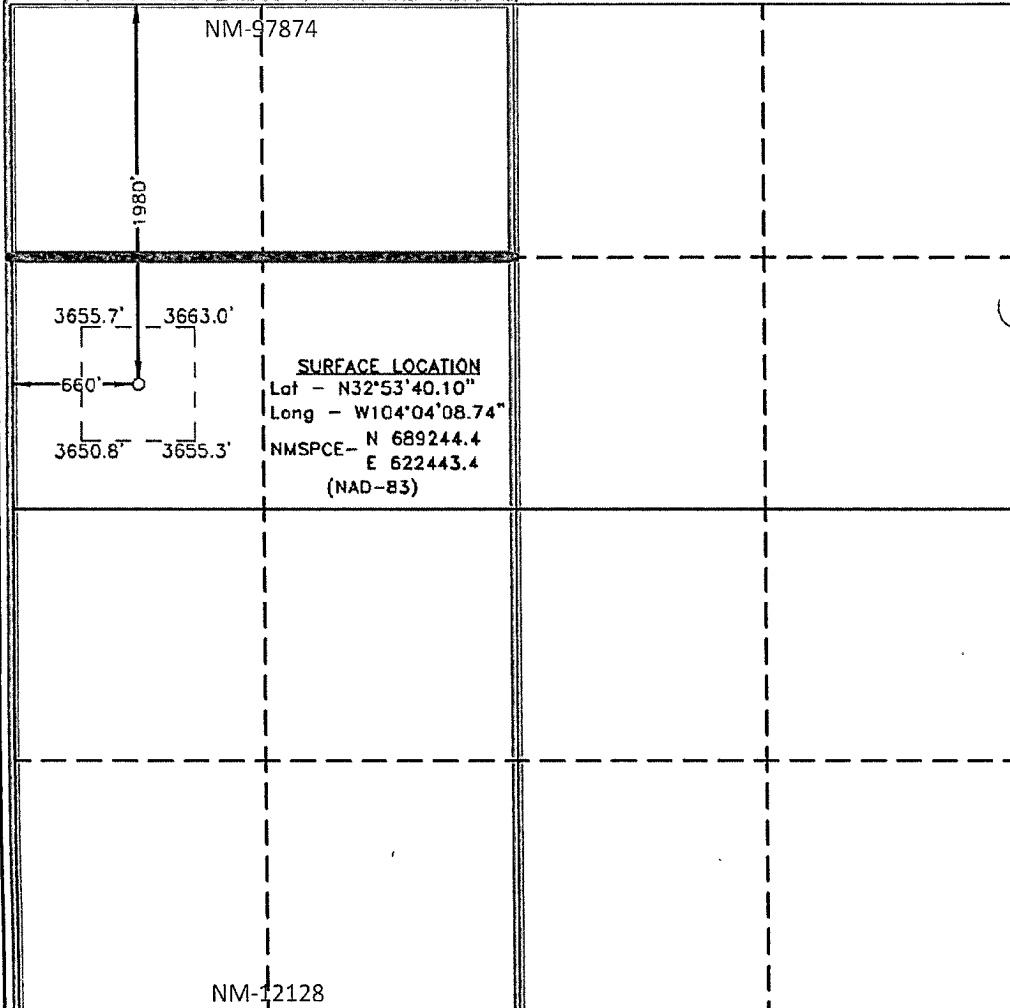
Surface Location

UL or lot No. E	Section 27	Township 16 S	Range 29 E	Lot Idn	Feet from the 1980	North/South line NORTH	Feet from the 660	East/West line WEST	County EDDY
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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 320	Joint or Infill	Consolidation Code P	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>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>Natalie Krueger</i> 10-03-08 Signature Date</p> <p>Natalie Krueger 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>NOVEMBER 3, 2007 Date Surveyed</p> <p><i>Gary L. Jones</i> Signature Professional Surveyor</p> <p>7977 Certificate No.</p> <p>Basin Surveys</p>