

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM29228

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name	
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		7. Unit or CA Agreement Name and No. PENDING	
2. Name of Operator CIMAREX ENERGY CO. OF COLORADO		8. Lease Name and Well No. BENSON 3 FEDERAL COM 008	
3a. Address 600 N. MARIENFELD ST., STE. 600 MIDLAND, TX 79701		3b. Phone No. (include area code) Ph: 432-620-1936	
9. API Well No. 30-015-37964		10. Field and Pool or Exploratory LEO, BONE SPRING, SOUTH	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NENE 375FNL 540FEL 32.69563 N Lat, 103.95298 W Lon At top prod interval reported below NENE 614FNL 359FEL At total depth SESE 334FSL 361FEL		11. Sec., T., R., M., or Block and Survey or Area Sec 3 T19S R30E Mer NMP	
12. County or Parish EDDY		13. State NM	
14. Date Spudded 07/25/2010		15. Date T.D. Reached 08/28/2010	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 10/07/2010		17. Elevations (DF, KB, RT, GL)* 3443 GL	
18. Total Depth: MD 12989 TVD 8574		19. Plug Back T.D.: MD 12928 TVD 8758	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) POROSITY & RESISTIVITY	
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 analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)			

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H40	48.0	0	550		520		0	
12.250	9.625 J55	40.0	0	3238		1215		0	
8.750	5.500 P110	17.0	0	12967		2020		1650	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	8554							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	8654	12915	12349 TO 12915	0.420	40	OPEN
B)			11597 TO 12163	0.420	40	OPEN
C)			10845 TO 11411	0.420	40	OPEN
D)			10093 TO 10659	0.420	40	OPEN, SEE LAST 2 STAGES IN

26. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
12349 TO 12915	168,908 GAL 20# BORATE XL & 182,124# 20/40 WHITE SAND
11597 TO 12163	190,775 GAL 20# BORATE XL & 198,415# 20/40 WHITE SAND
10845 TO 11411	119,927 GAL 20# BORATE XL & 199,036# 20/40 WHITE SAND
10093 TO 10659	119,745 GAL 20# BORATE XL & 196,142# 20/40 WHITE SAND, SEE LAST 2 STAGES IN BOX 53

27. 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
10/09/2010	11/04/2010	24	→	69.0	248.0	643.0	39.3	1.31	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
33/64	SI 200	90.0	→				3594	POW	

28a. 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 reverse side)

ELECTRONIC SUBMISSION #102454 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

RECEIVED

FEB 25 2011

NMOCD ARTESIA

ACCEPTED FOR RECORD

FEB 22 2011

/s/ Dustin Winkler

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
				BSGL FBSG SBSG TBSC	5764 7547 8385 8730

32. Additional remarks (include plugging procedure):

Box 43 Cont'd:

Stage 5 Bone Spring perms: 9341-9907 0.42, 40 holes, open

Stage 6 Bone Spring perms: 8654-8665 0.42, 40 holes, open

Box 44 Cont'd:

Stage 5 Frac: 118,062 gal 20# Borate XL & 197,019# 20/40 White Sand

Stage 6 Frac: 117,506 gal 20# Borate XL & 201,030# 20/40 White Sand

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7. Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #102454 Verified by the BLM Well Information System.
For CIMAREX ENERGY CO. OF COLORADO, sent to the Carlsbad

Name (please print) NATALIE E KRUEGER

Title REGULATORY

Signature (Electronic Submission)

Date 02/11/2011

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.

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Additional data for transaction #102454 that would not fit on the form

32. Additional remarks, continued

Logs will be sent via mail.