

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.
NMLC028480B

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.		
2. Name of Operator CIMAREX ENERGY CO OF COLORADO			8. Lease Name and Well No. MEADOWHAWK 5 FEDERAL 3		
3. Address 600 E MARIENFELD ST SUITE 600 MIDLAND, TX 79701			9. API Well No. 30-015-36852-00-S1		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWSW 1650FSL 330FWL At top prod interval reported below Sec 5 T17S R29E Mer NMP At total depth NESE			10. Field and Pool, or Exploratory EMPIRE		
14. Date Spudded 08/26/2010			15. Date T.D. Reached 09/01/2010		
16. Date Completed 10/02/2010			17. Elevations (DF, KB, RT, GL)* 3658 GL		
18. Total Depth: MD TVD 5310			19. Plug Back T.D.: MD TVD 5267		
20. Depth Bridge Plug Set: MD TVD			21. Type Electric & Other Mechanical Logs Run (Submit copy of each) DSN DLL		
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 checked="" type="checkbox"/> No <input 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
16.000	11.750 H-40	42.0	0	448		575		0	
11.000	8.625 J-55	24.0	0	1095		500		0	
7.875	5.500 P-110	17.0	0	5310		660		0	

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	3859							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA-YESO			3840 TO 4050	0.420	52	OPEN, Paddock
B) PADDOCK	3840	4050	4200 TO 4510	0.420	45	OPEN, Blinbry
C) BLINBRY	4200	4510				
D)						

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

Depth Interval	Amount and Type of Material
3840 TO 4050	1280499 gal Slick water, 448017# 40/70 Texas Gold, 2400 gal 15% acid
4200 TO 4510	gal slick water, 332707# 20/40 mesh sand 1900 gal 15% acid

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
10/25/2010	10/31/2010	24	→	14.0	0.0	650.0	36.1		ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
48/64	170	60.0	→	14	0	650	0	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
10/25/2010	10/31/2010	24	→	14.0	0.0	650.0	36.1		ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
48/64	170	60.0	→	14	0	650	0	POW	

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #98558 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

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.)

VENTED

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
GLORIETA BLINEBRY	3785 4321	4321 5168	SAND & DOLOMITE DOLOMITE & ANHYDRITE	GLORIETA BLINEBRY TUBB	3785 4321 5168

32. Additional remarks (include plugging procedure):

Logs to be sent via regular mail.

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 #98558 Verified by the BLM Well Information System.
For CIMAREX ENERGY CO OF COLORADO, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 12/08/2010 (11KMS0376SE)

Name (please print) NATALIE E KRUEGER

Title REGULATORY

Signature (Electronic Submission)

Date 12/06/2010

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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****