

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

DEC 28 2011

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG ARTESIA

Lease Serial No.
NMNM19423

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator CIMAREX ENERGY COMPANY OF CO Contact: CAROLYN LARSON Email: clarson@cimarex.com			8. Lease Name and Well No. SELDON SEEN 15 FEDERAL 3		
3. Address 600 NORTH MARIENFELD STREET SUITE 600 MIDLAND, TX 79701			9. API Well No. 30-015-38442-00-S1		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 15 T25S R26E Mer NMP At surface SWNE 1850FNL 370FEL 32.124112 N Lat, 104.274167 W Lon At top prod interval reported below Sec 15 T25S R26E Mer NMP At total depth SWNW 1780FNL 660FWL			10. Field and Pool, or Exploratory SAGE DRAW		
14. Date Spudded 02/27/2011			15. Date T.D. Reached 04/11/2011		
16. Date Completed ☐ D & A ☒ Ready to Prod. 07/02/2011			17. Elevations (DF, KB, RT, GL)* 3364 GL		
18. Total Depth: MD 13868 TVD 10220			19. Plug Back T.D.: MD 13777 TVD 9435		
20. Depth Bridge Plug Set: MD TVD			21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 3364 GL		
22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit analysis) Directional Survey? ☐ No ☒ 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
8.750	7.000 P110	26.0		9125		1450		1865	
17.500	13.375 H-40	48.0	0	450		490		0	
17.500	13.375 H40	48.0	0	450		490		0	
12.250	9.625 J55	40.0	0	1913		622		0	
12.250	9.625 J-55	40.0	0	1913		622		0	
8.750	7.000 P-110	26.0	0	9125		1450		1500	

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	8856	8830						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	9852	13767	9852 TO 10036	0.420	48	Open
B)			9852 TO 13767	0.420	720	OPEN
C)			10124 TO 10306	0.420	48	Open
D)			10393 TO 10575	0.420	96	Open

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

Depth Interval	Amount and Type of Material
9852 TO 10036	484907 gal 15# XL Borate, 474457# 30/70 White sand
9852 TO 13767	FRAC IN 15 STAGES W/7,339,823 GALS 15# XL BORATE, 412,441 GALS SLICKWATER AND 6,421,699# WHITE SAND
10124 TO 10306	504456 gal 15# XL Borate, 399558# 30/70 White sand
10393 TO 10575	448682 gal 15# XL Borate, 404534# 30/70 White sand

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
07/02/2011			→					
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status
			→					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
07/02/2011	07/11/2011	24	→	109.0	3605 0	157 0	57.7	
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status
	2000	0 0	→	109	3605	157	33073	POW

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

ELECTRONIC SUBMISSION #126048 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Accepted for record

NMOCD 10/11/12

RECLAMATION

DUE 1-2-12

ACCEPTED FOR RECORD
GAS LIFT

DEC 23 2011

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
				TOP SALT DELAWARE BONE SPRING 2ND BONE SPRING WOLFCAMP	1127 1959 5451 6980 8638

32. Additional remarks (include plugging procedure):

Logs mailed under separate cover.

Directional survey attached along w/C-102 and wellbore diagram.

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 #126048 Verified by the BLM Well Information System.
For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad
Committed to AFMSS for processing by JAMES (JIM) HUGHES on 12/20/2011 (12JLH0194SE)**

Name (please print) CAROLYN LARSON

Title CONTRACT REGULATORY ANALYST

Signature _____ (Electronic Submission)

Date 12/16/2011

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.

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

Additional data for transaction #126048 that would not fit on the form**23. Casing and Liner Record, continued**

Hole Size	Size/Grade	Wt. (#/ft.)	Top(MD)	Btm(MD)	Stg Cmnr	Sx, Type Cmnr	Slurry Vol	Cement Top	Amt Pulled
6.125	4 500 P-110	11.6	9100	13781		470			

26. Perforation Record, continued

Perf Interval	Size	No. Holes	Perf Status
10661 TO 10841	0.420	48	Open
10927 TO 11107	0.420	48	Open
11193 TO 11373	0.420	48	Open
11459 TO 11639	0.420	48	Open
11725 TO 11905	0.420	96	Open
11991 TO 12171	0.420	96	Open
12257 TO 12437	0.420	48	Open
12532 TO 12703	0.420	48	Open
12789 TO 12969	0.420	66	Open
13055 TO 13328	0.420	48	Open
13321 TO 13498	0.420	48	Open
13587 TO 13767	0.420	48	Open

27. Acid, Fracture, Treatment, Cement Squeeze, etc., continued

Depth Interval	Amount and Type of Material
10661 TO 10841	435505 gal 15# XL Borate, 403106# 30/70 White sand
10927 TO 11107	435716 gal 15# XL Borate, 386615# 30/70 White sand
11193 TO 11373	453879 gal 15# XL Borate, 401722# 30/70 White sand
11459 TO 11639	443592 gal 15# XL Borate, 396813# 30/70 White sand
11725 TO 11905	412447 gal slickwater, 314676# 30/70 White sand
11991 TO 12171	928461 gal 15# XL Borate, 813395# 30/70 White sand
12257 TO 12437	466455 gal 15# XL Borate, 399606# 30/70 White sand
12532 TO 12703	466455 gal 15# XL Borate, 399626# 30/70 White sand
12789 TO 12969	447880 gal 15# XL Borate, 397713# 30/70 White sand
13055 TO 13328	468099 gal 15# XL Borate, 409664# 30/70 White sand
13321 TO 13498	471075 gal 15# XL Borate, 411674# 30/70 White sand
13587 TO 13767	470370 gal 15# XL Borate, 396050# 30/70 White sand