

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

**RECEIVED**  
OCD Artesia  
JAN 02 2014  
INMOCD ARTESIA

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

5. Lease Serial No. NMNM91078

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. LONGVIEW FEDERAL 1 21H

9. API Well No. 30-015-40651-00-S1

10. Field and Pool, or Exploratory CULEBRA BLUFF

11. Sec., T., R., M., or Block and Survey or Area Sec 1 T23S R28E Mer NMP

12. County or Parish EDDY

13. State NM

14. Date Spudded 07/25/2013

15. Date T.D. Reached 08/21/2013

16. Date Completed  D & A  Ready to Prod. 10/22/2013

17. Elevations (DF, KB, RT, GL)\* 3057 GL

18. Total Depth: MD 13690 TVD

19. Plug Back T.D.: MD 13668 TVD

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) POROSITY RESISTIVITY CBL

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
17.500	13.375 J-55	54.5	0	255		250		0	
12.500	9.625 J-55	40.0	0	4031		780		0	
8.750	7.000 P-110	29.0	0	8826	5466	770		2550	
6.125	4.500 HCP-110	11.6	7684	13690					

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	7606							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	1906	13668	8881 TO 9106	3.630	6	ACTIVE
B)			9106 TO 13668			19 stage
C)			9244 TO 9390	3.500	97	ACTIVE
D)			9492 TO 9632	3.380	215	ACTIVE

26. Perforation Record

Depth Interval	Amount and Type of Material
8881 TO 9103	20#LINEAR GEL, 15% HCL ACID, DELTA FRAC140, 20#BORATE=2619LTR;20/40 WHITE SAND, 20/40SLC=179591LB
9106 TO 13668	Total prop 6946614#, 2285 bbls
9244 TO 9390	20#LINEAR GEL, 15% HCL ACID, DELTA FRAC140, 20#BORATE=2320BBLs;20/40 WHITE SAND, 20/40SLC=179236LB
9492 TO 9632	20#LINEAR GEL, 15% HCL ACID, DELTA FRAC140, 20#BORATE=3009BBLs;20/40 WHITE SAND, 20/40SLC=180346LB

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

Depth Interval	Amount and Type of Material
8881 TO 9103	20#LINEAR GEL, 15% HCL ACID, DELTA FRAC140, 20#BORATE=2619LTR;20/40 WHITE SAND, 20/40SLC=179591LB
9106 TO 13668	Total prop 6946614#, 2285 bbls
9244 TO 9390	20#LINEAR GEL, 15% HCL ACID, DELTA FRAC140, 20#BORATE=2320BBLs;20/40 WHITE SAND, 20/40SLC=179236LB
9492 TO 9632	20#LINEAR GEL, 15% HCL ACID, DELTA FRAC140, 20#BORATE=3009BBLs;20/40 WHITE SAND, 20/40SLC=180346LB

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
09/30/2013	10/15/2013	24	▶	416.0	662.0	762.0			ELECTRIC-PUMP-SUB-SURFACE
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
40/64	SI	500.0	▶	416	662	762		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		▶						

**FOR RECORD**  
DEC 31 2013  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)  
ELECTRONIC SUBMISSION #227117 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
\*\* BLM REVISED \*\*

RECLAMATION  
DUE 4-22-14

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
				DELAWARE BRUSHY CANYON BONE SPRING	2755 4733 6337

32. Additional remarks (include plugging procedure):

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 #227117 Verified by the BLM Well Information System.  
For RKI EXPLORATION & PROD LLC, sent to the Carlsbad  
Committed to AFMSS for processing by KURT SIMMONS on 12/19/2013 (14KMS7903SE)

Name (please print) HEATHER D BREHM Title REGULATORY ANALYST

Signature \_\_\_\_\_ (Electronic Submission) Date 11/18/2013

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.

**Additional data for transaction #227117 that would not fit on the form**

**26. Perforation Record, continued**

<b>Perf Interval</b>	<b>Size</b>	<b>No. Holes</b>	<b>Perf Status</b>
9775 TO 13668	3.250	252	ACTIVE

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

<b>Depth Interval</b>	<b>Amount and Type of Material</b>
9775 TO 13668	20#LINEAR GEL, 15% HCL ACID, DELTA FRAC140, 20#BORATE=35868BBLS;20/40WHITE SAND,20/40SLC=6363625LB