

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**RECEIVED**  
OCD Artesia  
AUG 07 2013  
NMOCD ARTESIA

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

Lease Serial No.  
NMNM102917

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
 b. Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.  
 Other \_\_\_\_\_

2. Name of Operator: RKI EXPLORATION & PROD LLC Contact: JODY NOERDLINGER  
 E-Mail: jnoerdlinger@Rkixp.com

3. Address: 210 PARK AVE SUITE 900 OKLAHOMA CITY, OK 73102  
 3a. Phone No. (include area code) Ph: 405-996-5774

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface SWNW 1650FNL 990FWL 32.015062 N Lat, 103.533011 W Lon  
 At top prod interval reported below SWNW 1650FNL 990FWL 32.015062 N Lat, 103.533011 W Lon  
 At total depth SWNW 1650FNL 990FWL

6. If Indian, Allottee or Tribe Name  
 7. Unit or CA Agreement Name and No.  
 8. Lease Name and Well No. RDX FEDERAL 21 21  
 9. API Well No. 30-015-41267-00-S1  
 10. Field and Pool, or Exploratory BRUSHY DRAW  
 11. Sec., T., R., M., or Block and Survey or Area Sec 21 T26S R30E Mer NMP  
 12. County or Parish EDDY  
 13. State NM  
 14. Date Spudded 05/06/2013  
 15. Date T.D. Reached 05/18/2013  
 16. Date Completed  D & A  Ready to Prod. 07/16/2013  
 17. Elevations (DF, KB, RT, GL)\* 3014 GL

18. Total Depth: MD 7376 TVD 7376  
 19. Plug Back T.D.: MD 7320 TVD 7320  
 20. Depth Bridge Plug Set: MD TVD 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	877		1050		0	
12.250	9.625 J-55	40.0	0	3388		1000		0	
7.875	5.500 N-80	17.0	0	7376	5473	898			
7.875	5.500 N-80	17.0	2050	7376				2050	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BRUSHY CANYON	5764	7236	5764 TO 6698		150	ACTIVE
B)			6741 TO 6894		32	ACTIVE
C)			6930 TO 6998		32	ACTIVE
D)			7084 TO 7236		36	ACTIVE

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

Depth Interval	Amount and Type of Material
5764 TO 6698	TOTAL LIQUID=7,733BBLs(15% HCL ACID,WATER,DELTA);TOTAL PROPPANT=438,998LBS(16/30MESH)
6741 TO 6894	TOTAL LIQUID=1,984BBLs(15% HCL ACID,WATER,DELTA);TOTAL PROPPANT=114,307 LBS(16/30 MESH)
6930 TO 6998	TOTAL LIQUID=1,812BBLs(15% HCL ACID,WATER,DELTA);TOTAL PROPPANT=85,199LBS(16/30.MESH)
7084 TO 7236	TOTAL LIQUID=2,722BBL(15%HCL ACID,WATER,DELTA FRAC);TOTAL PROPPANT=127,941LBS(16/30 MESH)

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
07/16/2013	07/19/2013	24	→	354.0	397.0	698.0	39.0		FLOW FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
48/64	SI 0	230.0	→	354	397	698		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	
			→						

(See Instructions and spaces for additional data on reverse side)  
 ELECTRONIC SUBMISSION #214877 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

**ACCEPTED FOR RECORD**  
 AUG 3 2013  
 BUREAU OF LAND MANAGEMENT  
 CARLSBAD FIELD OFFICE

RECLAMATION  
 DUE 1-16-14

90

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.) CAPTURED

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	3400 5816 7245

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 #214877 Verified by the BLM Well Information System.  
For RKI EXPLORATION & PROD LLC, sent to the Carlsbad  
Committed to AFMSS for processing by JOHNNY DICKERSON on 07/26/2013 (13JLD1020SE)**

Name (please print) JODY NOERDLINGER Title REGULATORY ANALYST

Signature \_\_\_\_\_ (Electronic Submission) Date 07/25/2013

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.