

OCD-ARTESIA

Form 3160-4
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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 AND PRODUCTION, LLC.

3. Address
3817 NW Expressway, Ste 950, Oklahoma City, OK 73112

3a. Phone No (include area code)
405-949-2221

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 810' FNL & 990' FEL of Sec. 1-T23S-R28E

At top prod interval reported below

At total depth

14. Date Spudded
02/09/2009

15. Date T.D. Reached
11/03/2009

16. Date Completed
02/18/2010
☒ D & A ☒ Ready to Prod.

9. AFI Well No.
30-015-37324

10. Field and Pool or Exploratory
S. Culebra Bluff-Bone Spring 15011

11. Sec., T, R, M., on Block and
Survey or Area
Sec. 1-23S-28E

12. County or Parish

Eddy County

13. State
NM

17. Elevations (DF, RKB, RT, GL)*
3088' GL

18. Total Depth MD 9075'
TVD

19. Plug Back T.D. MD 8994'
TVD

20. Depth Bridge Plug Set MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
Gamma Ray/Density/Neutron/Caliper log

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☒ No ☐ Yes (Submit copy)

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 Sks & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
17.5"	13-3/8"	54.5#	0'	295'		300 Sx of "C"		Surface	25 bbl
11"	8-5/8"	32#	0'	2710'		1020 Sx of "C"		Surface	120 bbl
7-7/8"	5-1/2"	17#	0'	9070'	4472'	Stage 1=863sx	220		
						Stage 2=600 sx	222	166	40 bbl

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	8984'	-----	-----	-----	-----	-----	-----	-----

25. Producing Intervals

Formation	Top	Bottom	26. Perforation Record	Size	No. Holes	Perf Status
A) Bonespring			8921'-8955'	.042	34	
B)			8494'-8504'	.042	20	
C)			8508'-8516'	.042	16	
D)			7479'-7493'	.042	28	

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

Depth Interval	Amount and Type of Material
8921'-8955'	Acidized W/1008 gal of 10% HCL. Frac'd W/79,800 gal X-Linked Fluid + 60,220# 16/30 White sand + 15,120# RCS
8494'-8516'	Acidized W/1000 gal of 7.5% HCL. Frac'd W/38,514 gal X-Linked Fluid + 20,460# 16/30 White sand + 15,140# RCS
7479'-7493'	Acidized W/1008 gal of 7.5 HCL. Frac'd W/43,470 gal X-linked Fluid + 43,470# 16/30 White sand + 15,180 #RCS.

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
5-26-11	6-2-11	24	→	12.6	98	17	46.2		Pumping
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
N/A	50	50	→	12.6	98	17		Producing	

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. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)

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NIMOC ARTESIA

ACCEPTED FOR RECORD

AUG 14 2011

J. Amos

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 (Solid, 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
Bonespring Delaware	6360 2849			Delaware Bonespring	2849 6360

32. Additional remarks (include plugging procedure):

**Bureau of Land Management
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**Carlsbad Field Office
Carlsbad, NM**

33. Indicate which items have been attached by placing a check in the appropriate boxes

- ☒ Electrical/Mechanical Logs (1, full set req'd)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other

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

Name (please print) Bill Aubrey

Title Operations Tech

Signature

Date 07/18/2011

7-26-11

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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