

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 ☐ Drill Resrv.

Other _____

2 Name of Operator
RKI EXPLORATION AND PRODUCTION, LLC3 Address
3817 NW Expressway, Ste 950, Oklahoma City, OK 731123a Phone No (include area code)
405-949-2221

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

At surface 2310' FSL & 330' FEL of Sec 1-T23S-R28E

At top prod interval reported below

At total depth

14 Date Spudded
04/22/201015 Date T D Reached
05/09/201016 Date Completed 06/13/2010
☐ D & A ☒ Ready to Prod17 Elevations (DF, RKB, RT, GL)*
3062' GL18 Total Depth MD 7790'
TVD19 Plug Back T D MD 7742'
TVD20 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 Cement Depth	No of Sks & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
17 5"	13-3/8"	68#	0'	277.57'		345 Sx of "C"		Surface	2 bbl
11"	8-5/8"	32#	0'	2776.79'		928 Sx of "C"		Surface	15 bbl
7-7/8"	5-1/2"	18#	0'	7790'		Stage 1=600sx			40 bbl
						Stage 2=650 sx			41 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" 6 5#	7682'	-----	-----	-----	-----	-----	-----	-----

25 Producing Intervals

Formation	Top	Bottom	Perforation Interval	Size	No Holes	Perf. Status
A) Bonespring			7591'-7597'	042		
B)			7607'-7610'	042	27	
C)			7439'-43', 7451'-58', 7468'-	042		
D)			7470', 7488'-91'	042	32	

27 Acid, Fracture, Treatment, Cement Squeeze, etc

Depth Interval	Amount and Type of Material
7591'-7610'	Acidized W/4494 gal of 15% HCL Frac'd W/84756 gal X-gelled Water + 51,620# 16/30 White sand + 16,082# esin coated sand
7439'-7488'	Acidized W/4536 gal of 15.HCL Frac'd W/79716 gal X-linked gelled water + 47,280# 16/30 White sand + 19,298 # Resin coated 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	Production Method
6-5-10	7-1-10	24	→	11	92	34			Pumping
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
N/A	60	90	→	11	92	34	42.3	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	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

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

5 Lease Serial No.
NM 91078

6 If Indian, Allottee or Tribe Name

7 Unit or CA Agreement Name and No

8 Lease Name and Well No
Longview Federal 1 #349 AFI Well No
30-015-3760810 Field and Pool or Exploratory
S Culebra Bluff-Bone Spring 1501111 Sec., T, R, M., on Block and
Survey or Area Sec 1-23S-28E12 County or Parish
Eddy County13 State
NM

RECEIVED

JUL 15 2011

NMOCD ARTESIA

ACCEPTED FOR RECORD

JUL 11 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 (Solid, used for fuel, vented, etc.)

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	6350	Not Seen	Bottom of the Bone Spring is deeper than our TD		

32 Additional remarks (include plugging procedure)

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
 ☐ DSI 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) BH AubreyTitle Operations TechSignature BH AubreyDate 07/06/2011

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.

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