

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. 731123a. Phone No. (include area code)  
405-949-2221

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

At surface 690' FNL &amp; 1310' FEL of Sec. 1-T23S-R28E

At top prod. interval reported below

At total depth

14. Date Spudded  
07/13/201015. Date T.D. Reached  
09/12/20106. Date Completed 11/08/2010  
☐ D & A ☒ Ready to Prod.18. Total Depth: MD 13050'  
TVD19. Plug Back T.D.: MD 12973'  
TVD20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric &amp; 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'	244.8'		300 Sx of "C"		Surface	31 bbl
12.25"	9-5/8"	40#	0'	2800'		1200 Sx of "C"		Surface	60 bbl
8-3/4"	7"	29#	0'	11405'		Stg 1=710 PVL			
						Stg 2=400 SX of	35.65 "C"		Full Returns
6-1/4"	4-1/2"	13.5#	11256.04'	13048.5'		145 Sx of PVL			10 bbls

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8" 4.7#	11267'	-----	-----	-----	-----	-----	-----	-----

25. Producing Intervals

Formation	Top	Bottom	Perforation Interval	Size	No. Holes	Perf. Status
A) Morrow			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
12864'-12872', 12848'-12856'	Fracture stimulated with 2005 gal of Clay-Safe H. 15905 gal of 30# Water Frac CMHPG. 15342 gal of pHaserFrac (21). 36057 gal of pHaserFrac (21) carrying 1500.00 100#lb of Versaprop. Total load to recover is 77,210 gallons.

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
11-7-10	12/22/10	24	→	0	319	99	N/A	.598	Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
12/64	250	0	→	0	319	99	N/A	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)

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NMCD-ARTESIA5. Lease Serial No.  
NM 67980

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.  
Santa Fe Federal Deep 35-1 ✓9. AFI Well No.  
30-015-379107 ✓10. Field and Pool or Exploratory  
Dublin Ranch Morrow 76140 ✓11. Sec., T., R., M., on Block and  
Survey or Area  
Sec. 35-22S-28E

12. County or Parish

Eddy County

13. State

NM

17. Elevations (DF, RKB, RT, GL)\*  
3136' GL

ACCEPTED FOR RECORD

MAY 2 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
Morrow Barnett	12193' 12885'				

## 32. Additional remarks (include plugging procedure):

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Carlsbad Field Office  
Carlsbad, N.M.

## 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) Gene Simer

Title Production Superintendent

Signature Gene Simer

Date 04/06/2011

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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