

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

a. 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 & Production, LLC

3. Address
3817 NW Expressway, Ste. 950, Okc, 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 990' FSL & 2310' FEL of Sec. 15-T26S-R30E

At top prod. interval reported below

At total depth

14. Date Spudded
07/27/2010

15. Date T.D. Reached
10/03/2010 8-18-10

16. Date Completed 10/03/2010
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
3063' GL

18. Total Depth: MD 7325'
TVD

19. Plug Back T.D.: MD 7253
TVD

20. Depth Bridge Plug Set: MD
TVD

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

Gamma Ray/Density/Neutron/Caliper Logs

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.5"	13.375"J-55	54.5	Surface	835'		644 sx		Surface	
11"	8.625"J-55	32#	Surface	3570'		590sx 1005	?	Surface	
7.875"	5.5" J-55	17#	Surface	7245'		1005sx 690	.	2010' ETOC	

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"	5726'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) See Attached			See Attached	.42	See Attach.	
B)				.42		
C)				.42		
D)				.42		

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

Depth Interval	Amount and Type of Material
See attached	

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
10/2/10	10/22/10	24	→	124	128	975	42.1		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
N/A	250	125	→	124	128	975		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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MAY 09 2011

NMOCD ARTESIA

ACCEPTED FOR RECORD

MAY 3 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
Delaware	3615'		?		
			Provide		

32. Additional remarks (include plugging procedure):

Bureau of Land Management
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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 SimcaTitle PRODUCTION SUPERINTENDENTSignature Gene SimcaDate 4-1-11

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.

(Continued on page 3)

(Form 3160-4, page 2)

RDX 15-4 Perforated Zones

Stage 1: Perforated 162 Zone from 7104' to 7205' = Total 62 Holes.

Breakdown as follows: 7193'-7205' – 3SPF, 7185'-89' 3SPF, 7104'-11' – 2SPF.

Fracture stimulated with Gal. of X-linked Fluid, # 16/30 White sand + # of 20/40 Super LC.

Stage 2: Perforated Castle from 6920' to 6860' = Total 74 Holes.

Breakdown as follows: 6920'-26' – 3 SPF, 6902'-08' – 3 SPF, 6892'-98' – 3 SPF, 6860'-70 -2 SPF.

Fracture stimulated with 87,357 Gal. of X-linked Fluid, 48400# 16/30 White sand + 15000 # of 20/40 Super LC.

Stage 3: Perforated MWJ from 6800' to 6738 = Total 74 Holes.

Breakdown as follows: 6800'-06' – 3SPF, 6772'-78' – 3SPF, 6750'-56' – 3SPF, 6732'-38' 2SPF,

Fracture stimulated with 117,049 gal. of X-linked Fluid, 73700# 16/30 White sand + 27800# of 20/40 Super LC.

Stage 4: Perforated Tide from 6650' to 6532' = Total 80 Holes.

Breakdown as follows: 6606'-16 – 2SPF, 6590'-6600' – 2SPF, 6540'-50' – 2SPF, 6522'-32' – 2SPF.

Fracture stimulated with 112,877 Gal. of X-linked Fluid, 72900# 16/30 White sand + 27000 # of 20/40 Super LC.

Stage 5: Perforated Kingrea from 6474' to 6444' = Total 60 Holes.

Breakdown as follows: 6474'-84' – 2SPF, 6454'-64' – 2SPF, 6434'-44' – 2SPF.

Fracture stimulated with 96,369 Gal. of X-linked Fluid, 71600# 16/30 White sand + 26100# of 20/40 Super LC.

Stage 6: Perforated Getty from 6118' to 6013' =Total 51 Holes.

Breakdown as follows: 6118'-28' – 2SPF, 6084'-90' 1SPF, 6072'-78' – 1SPF, 6053'-59' 1SPF, 6033'-39' – 1SPF, 6021'-24' 1SPF, 6009'-13' – 1SPF.

Fracture stimulated with 76574 Gal. of X-linked Fluid, 51200# 16/30 White sand + 23300# of 20/40 Super LC.

Stage 7: Perforated Topper from 5830' to 5722' =Total 50 Holes.

Breakdown as follows: 5830'-38' – 2SPF, 5793'-5801' – 2SPF, 5747'-51' – 1SPF, 5739'-42' – 1SPF, 5729'-35' – 1SPF, 5717'-5722' – 1SPF.

Fracture stimulated with 78377 Gal. of X-linked Fluid, 48800# 16/30 White sand + 25300# of 20/40 Super LC.