

NM OIL CONSERVATION
ARTESIA DISTRICT

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SEP 24 2014

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG RECEIVED

5. Lease Serial No.
NMNM0480904B

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name	
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____		7. Unit or CA Agreement Name and No. 891013810X	
2. Name of Operator RKI EXPLORATION & PROD LLC E-Mail: HBREHM@RKIXP.COM		8. Lease Name and Well No. ROSS DRAW UNIT 34	
3. Address 210 PARK AVE SUITE 900 OKLAHOMA CITY, OK 73102		9. API Well No. 30-015-41578-00-S1	
3a. Phone No. (include area code) Ph: 405-996-5769		10. Field and Pool, or Exploratory ROSS DRAW	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWNW 600FNL 435FWL 32.033523 N Lat, 103.875831 W Lon At top prod interval reported below NWNW 600FNL: 435FWL 32.033523 N Lat, 103.875831 W Lon At total depth NWNW 600FNL 435FWL 32.033523 N Lat, 103.875831 W Lon		11. Sec., T., R., M., or Block and Survey or Area Sec 22 T26S R30E Mer NMP	
12. County or Parish EDDY		13. State NM	
14. Date Spudded 09/17/2013	15. Date T.D. Reached 10/02/2013	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 11/21/2013	17. Elevations (DF, KB, RT, GL)* 3065 GL
18. Total Depth: MD 7500 TVD 7500	19. Plug Back T.D.: MD 7448 TVD 7448	20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CEMENT POR RES		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> 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	890		735	365	0	
12.250	9.625 J-55	43.0	0	3500		960	3026	0	
8.750	5.500 N-80	17.0	0	7495	7469	945	271	0	

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	5612							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DELAWARE	5500	7188	5500 TO 7188	3.130	332	ACTIVE
B)			5704 TO 7206			8 stage
C)						
D)						

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

Depth Interval	Amount and Type of Material
5500 TO 7188	15% HCL, GEL/CROSS LINK, BRADY SAND, SUPER LC SAND/TLR: 15,705 TOTAL PROP: 959,420 LBS
5704 TO 7206	15705 bbls, 959420# sand

RECLAMATION
DUE 5-21-14

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
11/21/2013	11/29/2013	24	→	540.0	499.0	2137.0	41.5		ELECTRIC-PUMP-SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
64/64	SI	220.0	→	540	499	2137	1	POW	

ACCEPTED FOR RECORD

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
			→						SEP 20 2014
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #232655 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED **

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

[Handwritten Signature]

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.)
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
DELAWARE	3515	7500		BELL CANYON CHERRY CANYON BRUSHY CANYON	3562 4635 7078

32. Additional remarks (include plugging procedure):

Plugs:
5,500? CFP
6,010? CFP
6,200? CFP
6,360? CFP
6,550? CFP
6,750? CFP
7,044? CFP

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 #232655 Verified by the BLM Well Information System.
For RKI EXPLORATION & PROD LLC, sent to the Carlsbad
Committed to AFMSS for processing by CATHY QUEEN on 06/16/2014 (14CQ0450SE)

Name (please print) HEATHER BREHM Title REGULATORY ANALYST

Signature (Electronic Submission) Date 01/21/2014

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.

Additional data for transaction #232655 that would not fit on the form

32. Additional remarks, continued

7,188? CFP

PBTD: 7,448?

11/21/2013 ESP: TP 60 psi, BVBN Choke, 405 bw, 0 bo, 0 mcf, 2.9% load recovered, water chlorides 17,000 ppm, FOP 5290?