

# NM OIL CONSERVATION ARTESIA DISTRICT

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

DEC 30 2014  
OCD Artesia

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

**RECEIVED**

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NMNM19612	
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 _____		6. If Indian, Allottee or Tribe Name	
2. Name of Operator RKI EXPLORATION & PRODUCTION-Email: hbrehm@rkixp.com		7. Unit or CA Agreement Name and No.	
3. Address 210 PARK AVE STE 900 OKLAHOMA CITY, OK 73102		8. Lease Name and Well No. RDX FEDERAL 28 23	
3a. Phone No. (include area code) Ph: 405-996-5769		9. API Well No. 30-015-41985	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SWNE 1650FNL 2310FEL 32.005807 N Lat, 103.530638 W Lon At top prod interval reported below SWNE 1650FNL 2310FEL 32.005807 N Lat, 103.530638 W Lon At total depth SWNE 1650FNL 2310FEL 32.005807 N Lat, 103.530638 W Lon		10. Field and Pool, or Exploratory ROSS DRAW; DELAWARE, WEST	
14. Date Spudded 08/13/2014		11. Sec., T., R., M., or Block and Survey or Area Sec 28 T26S R30E Mer NMP	
15. Date T.D. Reached 08/21/2014		12. County or Parish EDDY	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 09/24/2014		13. State NM	
17. Elevations (DF, KB, RT, GL)* 2989 GL			
18. Total Depth: MD TVD	7322 7322	19. Plug Back T.D.: MD TVD	7273 7273
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 J55	54.5	0	641		600	172	0	
12.250	9.625 H40	40.0	0	3350		1200	389	0	
7.875	5.500 N80	17.0	0	7312	5507	1050	300	3031	

### 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	5603							

### 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DELAWARE SANDS	5620	7176	5620 TO 7176	3.130	190	ACTIVE
B)						
C)						
D)						

### 26. Perforation Record

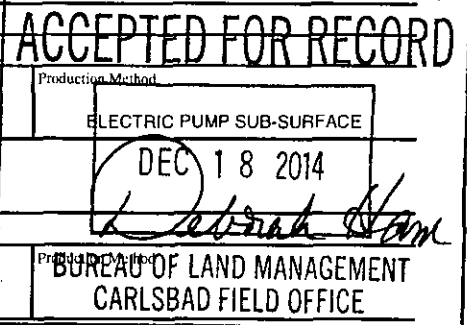
Depth Interval	Amount and Type of Material
5620 TO 7176	20#LINEAR,15%HCL,20#BORATE,16/30WHITE,16/30SUPER LC//TOTAL SAND=390,354 LBS/LTR=7,738 BBLs

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

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
09/24/2014	10/03/2014	24	→	294.0	257.0	880.0	42.0		ELECTRIC PUMP SUB-SURFACE
Choke Size	Thg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
64/64	SI	80.0	→	294	257	880	874	POW	

### 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	Thg. Press. Flwg.	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 #269308 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
RECLAIMAT\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

DUE 4/13/15

OR

## 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. St	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. St	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	3344	4502		RUSTLER	650
CHERRY CANYON	4502	5557		TOP SALT	2657
BRUSHY CANYON	5557	7233		* BTM SALT	3148
BONE SPRING	7233	7322		* DELAWARE	3344
				CHERRY CANYON	4502
				BRUSHY CANYON	5557
				BONE SPRING	7233

32. Additional remarks (include plugging procedure):  
SURFACE GEOLOGY: QEP

## 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 #269308 Verified by the BLM Well Information System.  
For RKI EXPLORATION & PRODUCTION, sent to the Carlsbad  
Committed to AFMSS for processing by DEBORAH HAM on 12/18/2014 ()

Name(please print) HEATHER BREHM

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 10/08/2014

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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***