

# NM OIL CONSERVATION

ARTESIA DISTRICT

JAN 13 2015  
OCD Artesia

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

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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. <b>NM 71027X</b>	
2. Name of Operator RKI EXPLORATION & PRODUCTION-Email: hbrehm@rkixp.com		8. Lease Name and Well No. ROSS DRAW UNIT 55	
3. Address 210 PARK AVE STE 900 OKLAHOMA CITY, OK 73102		9. API Well No. 30-015-41976	
3a. Phone No. (include area code) Ph: 405-996-5769		10. Field and Pool, or Exploratory ROSS DRAW, DELAWARE, EAST	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SWNE 1650FNL 990FEL 32.005820 N Lat, 103.514926 W Lon At top prod interval reported below SWNE 1650FNL 990FEL 32.005820 N Lat, 103.514926 W Lon At total depth SWNE 1650FNL 990FEL 32.005820 N Lat, 103.514926 W Lon		11. Sec., T., R., M., or Block and Survey or Area Sec 27 T26S R30E Mer NMP	
14. Date Spudded 09/09/2014		15. Date T.D. Reached 09/18/2014	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 10/10/2014		17. Elevations (DF, KB, RT, GL)* 3021 GL	
18. Total Depth: MD 7544 TVD 7544		19. Plug Back T.D.: MD 7496 TVD 7496	
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	957		805	234	0	
12.250	9.625 J55	40.0	0	3420		1500	491	0	
7.875	5.500 N80	17.0	0	7534	5492	1025	298	3163	

### 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	4805							

### 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DELAWARE	5604	7496	5604 TO 7496	3.130	244	ACTIVE
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5604 TO 7496	20#AQUAVIS G, 15% HCL, 20#DYNAFRAC, 16/30WHITE, 20#LINEAR/TOTAL SAND=445,320 LBS/LTR=11,776 BBLs

### 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
10/10/2014	10/13/2014	24	→	349.0	418.0	366.0	42.8		FLOW FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
64/64	SI	250.0	→	349	418	366	1197	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	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

ACCEPTED FOR RECORD

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #274366 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

RECLAIM\*\*OPERATOR-SUBMITTED\*\* OPERATOR-SUBMITTED\*\* OPERATOR-SUBMITTED\*\*

DUE 4/13/15

## 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	3476	4605	WATER	RUSTLER	920
CHERRY CANYON	4605	5410	OIL/GAS	TOP SALT	3060
BRUSHY CANYON	5410	7354	OIL/GAS	BTM SALT	3288
BONE SPRING	7354	7544	LIMESTONE	DELAWARE	3476
				CHERRY CANYON	4605
				BRUSHY CANYON	5410
				BONE SPRING	7354

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 #274366 Verified by the BLM Well Information System.  
For RKI EXPLORATION & PRODUCTION, sent to the Carlsbad  
Committed to AFMSS for processing by DEBORAH HAM on 01/02/2015 ()

Name (please print) HEATHER BREHM

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 10/28/2014

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 \*\***