

# NM OIL CONSERVATION

ARTESIA

JUN 25 2015

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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		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. NMNM71027X	
2. Name of Operator RKI EXPLORATION & PRODUCTION E-Mail: hbrehm@rkixp.com		8. Lease Name and Well No. ROSS DRAW UNIT 60	
3. Address 210 PARK AVE STE 900 OKLAHOMA CITY, OK 73102		9. API Well No. 30-015-41979	
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 SWSE 580FSL 1650FEL 32.007670 N Lat, 103.865820 W Lon At top prod interval reported below SWSE 580FSL 1650FEL 32.007670 N Lat, 103.865820 W Lon At total depth SWSE 580FSL 1650FEL 32.007670 N Lat, 103.865820 W Lon		11. Sec., T., R., M., or Block and Survey or Area Sec 27 T26S R30E Mer NMP	
14. Date Spudded 12/11/2014		15. Date T.D. Reached 12/21/2014	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 01/25/2015		17. Elevations (DF, KB, RT, GL)* 2991 GL	
18. Total Depth: MD 7485 TVD 7485		19. Plug Back T.D.: MD 7390 TVD 7390	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CEMENT, RES, POR	
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	855		1374	406	0	
12.250	9.625 J55	40.0	0	3412		1100	355	0	
7.875	5.500 P110	17.0	0	7477	5530	1025	300	5518	

### 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	5518							

### 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
ELAWAR SANDS-BRUSHY DRAW	5576	7130	5576 TO 7130	3.130	134	ACTIVE
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5576 TO 7130	15% HCL, LINEAR GEL/ CROSS LINK, 16/30 WHITE, 16/30 RESIN/TOTAL SAND=365,240 LBS/LTR = 7,763 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
01/25/2014	02/02/2015	24	→	208.0	224.0	993.0	41.6		ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
25/64	260	200.0	→	208	224	993	1076	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

ELECTRIC PUMP SUB-SURFACE

JUN 18 2015

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #292220 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation Date: 8/2/15

## 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	3446	4560	WATER	RUSTLER	862
CHERRY CANYON	4560	5528	OIL-GAS	TOP SALT	2925
BRUSHY CANYON	5528	7323	OIL-GAS	BTM SALT	3250
BONE SPRING	7323	7485	LIMESTONE	DELAWARE/BELL CANYON	3446
				CHERRY CANYON	4560
				BRUSHY CANYON	5528
				BONE SPRING	7323

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 #292220 Verified by the BLM Well Information System.  
For RKI EXPLORATION & PRODUCTION, sent to the Carlsbad  
Committed to AFMSS for processing by DEBORAH HAM on 06/11/2015 ()

Name (please print) HEATHER BREHMTitle REGULATORY ANALYSTSignature (Electronic Submission)Date 02/18/2015

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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