

**NM OIL CONSERVATION**  
ARTESIAN DISTRICT

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MAR 30 2015

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
NMNM54290

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.		
2. Name of Operator RKI EXPLORATION & PRODUCTION-Email: hbrehm@rkixp.com			8. Lease Name and Well No. NORTH BRUSHY DRAW FEDERAL 35 4H		
3. Address 210 PARK AVE STE 900 OKLAHOMA CITY, OK 73102			9. API Well No. 30-015-42290		
3a. Phone No. (include area code) Ph: 405-996-5769					
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface SESW 175FSL 2365FWL 32.079450 N Lat, 103.955980 W Lon  At top prod interval reported below SESW 818FSL 937FEL  At total depth NENW 601FNL 1967FWL			10. Field and Pool, or Exploratory WOLFCAMP		
			11. Sec., T., R., M., or Block and Survey or Area Sec 35 T25S R29E Mer NMP		
			12. County or Parish EDDY		13. State NM
14. Date Spudded 11/25/2014		15. Date T.D. Reached 12/28/2014	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 01/28/2015		17. Elevations (DF, KB, RT, GL)* 2997 GL
18. Total Depth: MD 14736 TVD 10430		19. Plug Back T.D.: MD 14634 TVD 10427		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 type="checkbox"/> No <input checked="" 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	629		700	203	0	
12.250	9.625 P110	47.0	0	7248		2125	894	0	
8.500	5.500 HCP110	23.0	0	14717	5514	1350	456	6930	

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	9517							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	10712	14584	10712 TO 14584	3.130	528	ACTIVE
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
10712 TO 14584	15% HCL, SLICK/LINEAR/CROSSLINK, 100MESH, 40/70 WHITE, 2040 SLC//TOTAL SAND=4,160,900 LBS/TLR=93,824 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
01/28/2015	02/18/2015	24	→	377.0	1455.0	1211.0	48.0	0.78	FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
21/64	0	2290.0	→	377	1455	1211	3859	PGW	

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 reverse side)

ELECTRONIC SUBMISSION #296283 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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



## 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/BELL CANYON	3157	4235	WATER	RUSTLER	353
CHERRY CANYON	4235	4235	OIL-GAS	TOP SALT	2370
BRUSHY CANYON	4235	6944	OIL-GAS	BTM SALT	2963
BONE SPRING	6944	9710	LIMESTONE	DELAWARE/BELL CANYON	3157
WOLFCAMP	10173	14584	GAS	CHERRY CANYON	4235
				BRUSHY CANYON	5330
				BONE SPRING	6944
				1ST BONE SPRING	7860

## 32. Additional remarks (include plugging procedure):

\*\*REPLACE ET#294289\*\*CORRECTED WELL NAME/FIELD/TYPE/TVD

\*\*ADDITIONAL FORMATION DEPTHS

2ND BONE SPRING 8692'

3RD BONE SPRING 9710'

WOLFCAMP 10173'

## 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 #296283 Verified by the BLM Well Information System.  
For RKI EXPLORATION & PRODUCTION, sent to the Carlsbad

Name (please print) HEATHER BREHMTitle REGULATORY ANALYSTSignature (Electronic Submission)Date 03/26/2015

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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