

MAR 17 2015

Form 3160-4  
(August 2007)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMNM22634

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
 b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
 Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator  
RKI EXPLORATION & PRODUCTION-Email: hbrehm@rkixp.com

Contact: HEATHER BREHM

8. Lease Name and Well No.  
EAST PECOS FEDERAL 22 3H3. Address 210 PARK AVE STE 900  
OKLAHOMA CITY, OK 731023a. Phone No. (include area code)  
Ph: 405-996-57699. API Well No.  
30-015-42285

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface SWSW 50FSL 530FWL 32.021040 N Lat, 103.978810 W Lon

At top prod interval reported below SWSW 703FSL 386FWL 32.022860 N Lat, 103.979290 W Lon

At total depth NWNW 333FNL 322FWL 32.034410 N Lat, 103.979610 W Lon

10. Field and Pool, or Exploratory  
CORRAL CANYON; B.S., SOUTH11. Sec., T., R., M., or Block and Survey  
or Area Sec 22 T26S R29E Mer NMP12. County or Parish  
EDDY13. State  
NM14. Date Spudded  
11/10/201415. Date T.D. Reached  
12/07/201416. Date Completed  
☐ D & A ☒ Ready to Prod.  
01/13/201517. Elevations (DF, KB, RT, GL)\*  
2876 GL18. Total Depth: MD 13072  
TVD 857019. Plug Back T.D.: MD 13034  
TVD 856920. Depth Bridge Plug Set: MD  
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
N/A22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit analysis)  
Directional Survey? ☐ No ☒ 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	401		1100	197	310	
12.250	9.625 J55	40.0	0	2822		1500	491	0	
8.750	5.500 HCP110	17.0	0	13121	5004	2140	215	5004	

## 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	8435	8442						

## 25. Producing Intervals

## 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) 2ND BONE SPRING	8866	12986	8866 TO 12986	3.130	544	ACTIVE
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8866 TO 12986	15% HCL, LINEAR GEL/ CROSS LINK, 20/40 WHITE, 20/40 SLC/LTR= 50,021 BBLs/ PROP= 3,083,770

## 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
01/13/2015	02/02/2015	24	→	371.0	1333.0	1166.0	46.2		GAS LIFT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
48/64	SI	370.0	→	371	1333	1166	3592	POW	Accepted for Record 3/18/15

## 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	
	SI		→						

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

ELECTRONIC SUBMISSION #292656 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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ARTESIA DISTRICT

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## 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.)  
CAPTURED

## 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-MUD LOG	2820	3900	OIL-GAS-WATER	RUSTLER-EST	360
CHERRY CANYON-MUD LOG	3900	5050	OIL-GAS-WATER	TOP SALT-EST	2100
BRUSHY CANYON-EST MUD LOG	5050	6650	OIL-GAS-WATER	BTM SALT-EST	2660
BONE SPRING-EST MUD LOG	6650	12986	OIL-GAS-WATER	DELAWARE/BELL CANYON-MUD LOG	2820
				CHERRY CANYON-MUD LOG	3900
				BRUSHY CANYON-EST MUD LOG	5050
				BONE SPRING-EST MUD LOG	6650

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

NO LOGS RAN-ESTIMATES BASED ON MUD LOG

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 #292656 Verified by the BLM Well Information System.  
For RKI EXPLORATION & PRODUCTION, sent to the Carlsbad**

Name (please print) HEATHER BREHM

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 02/23/2015

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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