

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

5. Lease Serial No.
NMNM54290

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

2. Name of Operator **RKI EXPLORATION & PROD LLC** Contact: **HEATHER BREHM**
 E-Mail: **HBREHM@RKIXP.COM**

3. Address **210 PARK AVE SUITE 900** 3a. Phone No. (include area code)
OKLAHOMA CITY, OK 73102 Ph: **405-996-5769**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface **SESW 330FSL 1980FWL 32.044756 N Lat, 103.572601 W Lon**
 At top prod interval reported below **SESW 1010FSL 2019FWL 32.045428 N Lat, 103.572554 W Lon**
 At total depth **NENW 330FNL 1980FWL 32.053354 N Lat, 103.572565 W Lon**

6. If Indian, Allottee or Tribe Name _____
 7. Unit or CA Agreement Name and No. _____

8. Lease Name and Well No.
NORTH BRUSHY DRAW FED 35 3H

9. API Well No.
30-015-40185-00-S1

10. Field and Pool, or Exploratory
CORRAL CANYON
BONE SPRINGS

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 **08/06/2013** 15. Date T.D. Reached **08/26/2013** 16. Date Completed
 D & A Ready to Prod.
10/22/2013

17. Elevations (DF, KB, RT, GL)*
2999 GL

18. Total Depth: MD **11800** 19. Plug Back T.D.: MD **11753** 20. Depth Bridge Plug Set: MD
 TVD **7343** TVD **7342** TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CÉMENT POROSITY RESISTIVITY CEMENT POROSITY RESISTIVITY

22. 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 J-55	54.5	0	383		380		0	
12.250	9.625 J-55	40.0	0	3145		1025		0	
8.750	5.500 P-110	17.0	0	11800	5320	1820		5476	

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	6469		2.875	7060				

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	7834	11704	7832 TO 11704	3.130	768	ACTIVE
B)			7834 TO 10960	2.000	624	ACTIVE
C)			11056 TO 11208	2.000	48	ACTIVE
D)			11287 TO 11439	2.000	48	ACTIVE

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	7834	11704	7832 TO 11704	3.130	768	ACTIVE
B)			7834 TO 10960	2.000	624	ACTIVE
C)			11056 TO 11208	2.000	48	ACTIVE
D)			11287 TO 11439	2.000	48	ACTIVE

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

Depth Interval	Amount and Type of Material
7832 TO 11704	SLICK WATER/#20LINEAR/15%HCL/#20BORATE/MESH/WHITE/40/70/SUPER/TOTAL LTR=88,572BBLs;PROP=3,262,420LBS
7834 TO 10960	SLICK WATER,#20LINEAR,15%HCL,#20BORATE =72101BBLs; MESH SAND,40/70 WTSAND, 20/40SUPER =5913998 LBS
11056 TO 11208	SLICK WATER,#20LINEAR,15%HCL,#20BORATE =5445BBLs; MESH SAND,40/70 WTSAND, 20/40SUPER =202818 LBS
11287 TO 11439	SLICK WATER,#20LINEAR,15%HCL,#20BORATE =5515BBLs; MESH SAND,40/70 WTSAND, 20/40SUPER =204758 LBS

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
10/22/2013	10/28/2013	24	→	309.0	2917.0	1965.0			ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
24/64	380 SI	960.0	→	309	2917	1965		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
10/22/2013	10/28/2013	24	→	309.0	2917.0	1965.0	48.0		ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
24/64	380 SI	960.0	→	309	2917	1965	9440	POW	

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
CHERRY CANYON	4221	5306	OIL, GAS	RUSTLER	340
BRUSHY CANYON	5306	6921	OIL, GAS	TOP SALT	2335
BONE SPRING	10960	11552		BOTTOM SALT	2940
				BELL CANYON	3142
				DELAWARE	3142
				CHERRY CANYON	4221
				BRUSHY CANYON	5306
				BONE SPRING	6921
				AVALON SAND	6980

32. Additional remarks (include plugging procedure):

****REVISED** COMPLETION REPORT to replace Transaction# 247121**

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 #256684 Verified by the BLM Well Information System.
 For RKI EXPLORATION & PROD LLC, sent to the Carlsbad
 Committed to AFMSS for processing by DINAH NEGRETE on 11/15/2014 (15DCN0044SE)**

Name (please print) HEATHER BREHM Title REGULATORY ANALYST

Signature _____ (Electronic Submission) Date 08/12/2014

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.

**** REVISED ** REVISED ****

Additional data for transaction #256684 that would not fit on the form

26. Perforation Record, continued

Perf Interval	Size	No. Holes	Perf Status
11552 TO 11704	2.000	48	ACTIVE BONE SPRING

27. Acid, Fracture, Treatment, Cement Squeeze, etc., continued

Depth Interval	Amount and Type of Material
11552 TO 11704	SLICK WATER,#20LINEAR,15%HCL,#20BORATE =5511BBLS; MESH SAND,40/70 WTSAND, 20/40SUPER =203266 LBS

Revisions to Operator-Submitted EC Data for Well Completion #256684

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM54290	NMNM54290
Agreement:		
Operator:	RKI EXPLORATION & PRODUCTION 210 PARK AVENUE, SUITE 900 OKLAHOMA CITY, OK 73102 Ph: 405-949-2221	RKI EXPLORATION & PROD LLC 210 PARK AVE SUITE 900 OKLAHOMA CITY, OK 73102 Ph: 405.996.5750
Admin Contact:	HEATHER BREHM REGULATORY ANALYST E-Mail: hbrehm@rkixp.com Ph: 405-996-5769 Fx: 405-996-5772	HEATHER BREHM REGULATORY ANALYST E-Mail: HBREHM@RKIXP.COM Ph: 405-996-5769 Fx: 405-996-5772
Tech Contact:	HEATHER BREHM REGULATORY ANALYST E-Mail: hbrehm@rkixp.com Ph: 405-996-5769 Fx: 405-996-5772	HEATHER BREHM REGULATORY ANALYST E-Mail: HBREHM@RKIXP.COM Ph: 405-996-5769 Fx: 405-996-5772
Well Name: Number:	NORTH BRUSHY DRAW FEDERAL 35 3H	NORTH BRUSHY DRAW FED 35 3H
Location: State: County: S/T/R: Surf Loc:	NM EDDY Sec 35 T25 S R29 E Mer NMP SESW 330 FSL 1980FWL 32.044756 N Lat, 103.572601 W Lon	NM EDDY Sec 35 T25S R29E Mer NMP SESW 330FSL 1980FWL 32.044756 N Lat, 103.572601 W Lon
Field/Pool:	CORRAL CANYON;BONE SPR S	CORRAL CANYON
Logs Run:	CEMENT, POROSITY, RESISTIVITY	CEMENT POROSITY RESISTIVITY CEMENT POROSITY RESISTIVITY
Producing Intervals - Formations:	BONE SPRING	BONE SPRING
Porous Zones:	CHERRY CANYON BRUSHY CANYON BONE SPRING	CHERRY CANYON BRUSHY CANYON BONE SPRING
Markers:	RUSTLER TOP SALT BOTTOM SALT BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING AVALON	RUSTLER TOP SALT BOTTOM SALT BELL CANYON DELAWARE CHERRY CANYON BRUSHY CANYON BONE SPRING AVALON SAND