

Submit To Appropriate District Office
Two Copies
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-105
Revised August 1, 2011

1. WELL API NO. 30-015-39959
2. Type of Lease
☒ STATE ☐ FEE ☐ FED/INDIAN
3. State Oil & Gas Lease No.

RECEIVED
MAR 11 2013
NM OGD ARTESIA

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing:
☐ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only)
☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)

5. Lease Name or Unit Agreement Name
RDX 16
6. Well Number:
#15

7. Type of Completion:
☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER

8. Name of Operator
RKI Exploration & Production, LLC
10. Address of Operator
210 Park Avenue, Suite 900, Oklahoma City, OK 73102

9. OGRID
246289
11. Pool name or Wildcat
Brushy Draw-Delaware East

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	D	16	26S	30E		330	North	330	West	Eddy
BH:		16	26S	30E		330	North	330	West	Eddy

13. Date Spudded
11/12/2012
14. Date T.D. Reached
11/28/2012
15. Date Rig Released
11/27/2012
16. Date Completed (Ready to Produce)
1/25/2013
17. Elevations (DF and RKB, RT, GR, etc.) feet GR

18. Total Measured Depth of Well
7488 feet
19. Plug Back Measured Depth
7408 feet
20. Was Directional Survey Made?
No
21. Type Electric and Other Logs Run
GRN/CBL

22. Producing Interval(s), of this completion - Top, Bottom, Name
Delaware: Brushy Draw

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.5	837 feet	17.5"	700 sks	320 sks
9-5/8"	40	3486 feet	12.25"	1045 sks	272 sks
5-1/2"	17	7471 feet	7.875"	1125 sks	TOC = 3425 feet

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8"	5462 feet	

26. Perforation record (interval, size, and number)
Stage 1 = 6936 feet to 7149 feet (40 holes)
Stage 2 = 6813 feet to 6917 feet (26 holes)
Stage 3 = 6546 feet to 6677 feet (28 holes)
Stage 4 = 6334 feet to 6464 feet (42 holes)
Stage 5 = 5954 feet to 6082 feet (42 holes)
Stage 6 = 5784 feet to 5811 feet (28 holes)
Stage 7 = 5517 feet to 5680 feet (36 holes)

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5517' - 7149'	Acidized with 10,500 gallons of HCL Acid.
	Total sand pumped = 683,180 lbs
	Total LTR = 548,124 gallons

28. PRODUCTION

Date First Production 2/05/2013	Production Method (Flowing, gas lift, pumping - Size and type pump) ESP	Well Status (Prod. or Shut-in) Producing					
Date of Test 2/19/2013	Hours Tested 24	Choke Size N/A	Prod'n For Test Period	Oil - Bbl 32	Gas - MCF 0	Water - Bbl. 444	Gas - Oil Ratio TBD
Flow Tubing Press. 148 psi	Casing Pressure 55 psi	Calculated 24-Hour Rate	Oil - Bbl. 32	Gas - MCF 0	Water - Bbl. 444	Oil Gravity - API - (Corr.) 41	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
Sold

30. Test Witnessed By

31. List Attachments
Refer to attached FRAC details

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.

33. If an on-site burial was used at the well, report the exact location of the on-site burial:

Latitude
Longitude
NAD 1927 1983

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature: Charles K. Ahn
Printed Name: Charles K. Ahn
Title: HS&E/Regulatory Manager
Date: 3/07/2013
E-mail Address: cahn@rkixp.com

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico			Northwestern New Mexico	
T. Anhy	T. Canyon		T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn		T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka		T. Fruitland	T. Penn. "C"
T. Yates	T. Miss		T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian		T. Cliff House	T. Leadville
T. Queen	T. Silurian		T. Menefee	T. Madison
T. Grayburg	T. Montoya		T. Point Lookout	T. Elbert
T. San Andres	T. Simpson		T. Mancos	T. McCracken
T. Glorieta	T. McKee		T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger		Base Greenhorn	T.Granite
T. Blinebry	T. Gr. Wash		T. Dakota	
T.Tubb	T. Delaware Sand	3521 feet	T. Morrison	
T. Drinkard	T. Bone Springs	7381 feet	T.Todilto	
T. Abo	T.		T. Entrada	
T. Wolfcamp	T.		T. Wingate	
T. Penn	T.		T. Chinle	
T. Cisco (Bough C)	T.		T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from to

No. 3, from.....to.....

No. 2, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....

No. 2, from to feet

No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

Perforate STAGE 1 from 6,936 feet to 7,149 feet (40 holes) - Test lines to 7500#. pumped 19298 gallons of slick water, bull head 1500 gallons of 15% HCL acid, (BRK press 2531) 55344 gallons of Delta Frac 140- R(11) w/ 83210 lbs. Premium White 16/30 proppant in 0.5/1/2/3/4 ppg tailed with 10369 gallons of DF 140-R(11) w/ 31930 lbs. of CRC 16/30 proppant at 5 ppg. Flushed to bottom Perf, spotting 500 gallons acid over next Perf, ISIP 498, 5/10/15 min sip – 496/479/469, F.G. .51, total proppant = 115140 lbs., TLR = 93,437 gallons, Avg rate 79.5 bpm, Max rate 82.8 bpm, MTP 5753, ATP 3067, 60 bio balls, 5753 psi ball out.

Perforate STAGE 2 from 6,742 feet to 6,817 feet (26 holes) - pumped 4429 gallons of slick water, bull head 1500 gallons of 15% HCL acid, (BRK press 2531) 48972 gallons of Delta Frac 140- R(11) w/ 83210 lbs. Premium White 16/30 proppant in 0.5/1/2/3/4 ppg tailed with 7794 gallons of DF 140-R(11) w/ 31930 lbs. of CRC 16/30 proppant at 5 ppg. Flushed to bottom Perf, spotting 500 gallons acid over next Perf, ISIP 474, 5/10/15 min sip – 389/368/356, F.G. .51, total proppant = 115,140 lbs., TLR = 68,026 gallons, Avg rate 59.2 bpm, Max rate 61.2 bpm, MTP 2444, ATP 1583, no ball out.

Perforate STAGE 3 from 6,546 feet to 6675 feet (28 holes) - Pumped 10745 gallons of slick water, bull head 1500 gallons of 15% HCL acid, (BRK press 672) 55198 gallons of Delta Frac 140- R(11) w/ 83400 lbs. Premium White 16/30 proppant in 0.5/1/2/3/4 ppg tailed with 9026 gallons of DF 140-R(11) w/ 27220 lbs. of CRC 16/30 proppant at 5 ppg. Flushed to bottom Perf, spotting 500 gallons acid over next Perf, ISIP 454, 5/10/15 min sip – 311/277/251, F.G. .51, total proppant = 110,620 lbs., TLR = 81,953 gallons, Avg rate 70.1 bpm, Max rate 71.8 bpm, MTP 4827, ATP 2959, 40 bio balls, 5124 psi ball out.

Perforate STAGE 4 from 6,334 feet to 6464 feet (42 holes) - pumped 9769 gallons of slick water, bull head 1500 gallons of 15% HCL acid, (BRK press 2151) 40181 gallons of Delta Frac 140- R(11) w/ 82270 lbs. Premium White 16/30 proppant in 0.5/1/2/3/4 ppg tailed with 8683 gallons of DF 140-R(11) w/ 28940 lbs. of CRC 16/30 proppant at 5 ppg. Flushed to bottom Perf, spotting 500 gallons acid over next Perf, ISIP 359, 5/10/15 min sip – 231/202/186, F.G. .50, total proppant = 11,210 lbs., TLR 81,676 gallons, Avg rate 78.9 bpm, Max rate 80.8 bpm, MTP 4463, ATP 3094, 60 bio balls, 5568 psi ball out.

Perforate STAGE 5 from 5,954 feet to 6,082 feet (42 holes) - pumped 9749 gallons of slick water, bull head 1500 gallons of 15% HCL acid, (BRK press 2195) 39135 gallons of Delta Frac 140- R(11) w/ 79490 lbs. Premium White 16/30 proppant in 0.5/1/2/3/4 ppg tailed with 8018 gallons of Delta Frac 140-R(11) w/ 26030 lbs. of CRC 16/30 proppant at 5 ppg. Flushed to bottom Perf, ISIP 277, 5/10/15 min sip – 212/190/178, F.G. .49, total proppant = 105,520 lbs., TLR = 79,075 gallons, Avg rate 80.1 bpm, Max rate 80.2 bpm, MTP 4614, ATP 3204, 60 bio balls, 5505 psi ball out.

Perforate STAGE 6 from 5,784 feet to 5,811 feet (28 holes) - pumped 4429 gallons of slick water, bull head 1500 gallons of 15% HCL acid, (BRK press 4150) 48972 gallons of Delta Frac 140- R(11) w/ 40420 lbs. Premium White 16/30 proppant in 0.5/1/2/3/4 ppg tailed with 7794 gallons of DF 140-R(11) w/ 12010 lbs. of CRC 16/30 proppant at 5 ppg. Flushed to bottom Perf, spotting 500 gallons acid over next Perf, ISIP 372, 5/10/15 min sip – 244/213/197, F.G. .51, total proppant = 52,430 lbs., TLR = 68,026 gallons, Avg rate 59.2 bpm, Max rate 59.99 bpm, MTP 2506, ATP 1865, no ball out.

Perforate STAGE 7 from 5,517 feet to 5680 feet (36 holes) - pumped 8325 gallons of slick water, bull head 1500 gallons of 15% HCL acid, (BRK press 1109) 53979 gallons of Delta Frac 140- R(11) w/ 75270 lbs. Premium White 16/30 proppant in 0.5/1/2/3/4 ppg tailed with 8775 gallons of Delta Frac 140-R(11) w/ 35890 lbs. of CRC 16/30 proppant at 5 ppg. Flushed to bottom Perf, ISIP 363, 5/10/15 min sip – 251/223/207, F.G. .52, total proppant 111,160 lbs., TLR = 75,931 gallons, Avg rate 70.1 bpm, Max rate 70.8 bpm, MTP 3582, ATP 2343, 50 bio balls, 5824 psi ball out.

TLR = 548,124 gallons, Total proppant = 683,180 lbs.