

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  
**RECEIVED**  
JUN 05 2012  
Conservation Division  
1220 South St. Francis Dr.  
NMOCD ARTESIA, NM 87505

Form C-105  
Revised August 1, 2011  
1. WELL API NO. 30-015-39750  
2. Type of Lease  
☒ STATE ☐ FEE ☐ FED/INDIAN  
3. State Oil & Gas Lease No.

**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)  
7. Type of Completion:  
☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER  
8. Name of Operator  
RKI Exploration & Production, LLC  
9. OGRID  
246289  
10. Address of Operator  
3817 NW Expressway, Suite 950, Oklahoma City, OK 73112  
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:	A	16	26S	30	330	North	990	East	Eddy
BH:	A	16	26S	30					

  
13. Date Spudded  
2/17/12  
14. Date T.D. Reached  
2/29/12  
15. Date Rig Released  
3/01/12  
16. Date Completed (Ready to Produce)  
3/24/12  
17. Elevations (DF and RKB, RT, GR, etc.)  
3097 GL  
18. Total Measured Depth of Well  
7524 feet  
19. Plug Back Measured Depth  
7475 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

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	461	17.5"	470 sks	112 sks	
9-5/8"	40	3518	12.25"	1050 sks	89 sks	
5-1/2"	17	7519	8.75"	770 sks		

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	5626.44 feet	
26. Perforation record (interval, size, and number) Stage 1 7062'-7220' (39 holes) Stage 2. 6819'-6925' (32 holes) Stage 3. 6658'- 6769' (41 holes) Stage 4 6416'- 6562' (40 holes) Stage 5: 5982'- 6162' (56 holes) Stage 6: 5670'-5850' (46 holes)					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL 5670' - 7220' AMOUNT AND KIND MATERIAL USED Refer to attached		

28. **PRODUCTION**  
Date First Production  
3/25/2012  
Production Method (Flowing, gas lift, pumping - Size and type pump)  
ESP  
Well Status (Prod. or Shut-in)  
Producing  
Date of Test  
3/28/2012  
Hours Tested  
24  
Choke Size  
N/A  
Prod'n For Test Period  
Oil - Bbl  
47.4  
Gas - MCF  
67  
Water - Bbl  
912  
Gas - Oil Ratio  
TBD  
Flow Tubing Press.  
180 psi  
Casing Pressure  
150 psi  
Calculated 24-Hour Rate  
Oil - Bbl  
47.4  
Gas - MCF  
67  
Water - Bbl.  
912  
Oil Gravity - API - (Corr )  
40.9  
29. Disposition of Gas (Sold, used for fuel, vented, etc )  
Sold  
30. Test Witnessed By

31. List Attachments **FRAC STAGE 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: 5/31/2012  
E-mail Address: [cahn@rkixp.com](mailto:cahn@rkixp.com)

*Provide C-102 for Delaware*

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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 <u>3574 feet</u>	T. Morrison	
T. Drinkard	T. Bone Springs <u>7400 feet</u>	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. 2, from.....to.....  
No. 3, 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

Stage	AMOUNT AND TYPE OF FRAC MATERIAL
Stage 1 = 7062 feet to 7220 feet (39 holes)	Start on 500 gals of Water Frac G - break down at 3100 psig, 1500 gals of 15% HCl acid div w/ 80 bioballs (ball out) 14,813 gals of Water Frac G 20# Linear Gel 54,612 gals of Delta Frac 140 XL carrying 74,290# 16/30 prem wht sand at .5/1.0/2.0/3.0/4.0 ppg conc tailed w/ 8047 gals of Delta Frac 140 XL car 34,767# of CRC-16/30 sand. Flush to btm perf. ISIP/5/10/15 - 342/266/253/245 psi Avg /Max Trt psi - 2516/5855 Avg/Max trt rate-62/65 Load to recover: 78,996 gals (1881 bbls) Prop placed - 109,057 lbs FG - .48 psi/ft
Stage 2 = 6819 feet to 6925 feet (32 holes)	1500 gals of 15% HCl acid div w/ 64 bioballs (ball out) 13,667 gals of Water Frac G 20# linear gel. 54,251 gals of Delta Frac 140 XL carrying 80,154# 16/30 Prem wht sand at .5/1.0/2.0/3.0/4.0 ppg conc tailed w/ 7600 gals of Delta Frac 140 XL carrying 35,025# of CRC-16/30 sand. Flush to btm perf. ISIP/5/10/15 - 448/296/285/281 Avg/MaxTrt psi - 2029/2649 Avg/Max trt rate-60/63 Load to recover: 77,333 gals (1841 bbls) Prop placed - 115,179 lbs FG - .50 psi/ft
stage 3 = 6658 feet to 6769 feet (41 holes)	1500 gals of 15% HCl acid div w/ 82 bioballs (ball out) 14,006 gals of Water Frac G 20# linear gel. 53,573 gals of Delta Frac 140 XL carrying 78,232# 16/30 Prem wht sand at .5/1.0/2.0/3.0/4.0 ppg conc tailed w/ 7143 gals of Delta Frac 140 XL carrying 33,397# of CRC-16/30 sand. Flush to btm perf. ISIP/5/10/15 - 487/278/249/238 Avg/MaxTrt psi - 1803/2526 Avg/Max trt rate-60/64 . Load to recover: 76,405 gals (1819 bbls) Prop placed - 111,629 lbs FG - .50 psi/ft
Stage 4 = 6426 feet to 6562 feet (40 holes)	1500 gals of 15% HCl acid div w/ 40 bioballs (ball out) 13,340 gals of Water Frac G 20# linear gel. 54,089 gals of Delta Frac 140 XL carrying 78,957# 16/30 Prem wht sand at .5/1.0/2.0/3.0/4.0 ppg conc tailed w/ 7432 gals of Delta Frac 140 XL carrying 33,008# of CRC-16/30 sand. Flush to btm perf. ISIP/5/10/15 - 374/255/233/232 Avg/MaxTrt psi - 2726/4122 Avg/Max trt rate-62/67 Load to recover: 76,498 gals (1821 bbls) Prop placed - 111,965 lbs FG - .49 psi/ft
Stage 5 = 5982 feet to 6162 feet (56 holes)	1500 gals of 15% HCl acid div w/ 112 bioballs (ball out) 19,805 gals of Water Frac G 20# linear gel. 83,626gals of Delta Frac 140 XL carrying 127,020# 16/30 Prem wht sand at .5/1.0/2.0/3.0/4.0 ppg conc tailed w/ 9621 gals of Delta Frac 140 XL carrying 51,510# of CRC-16/30 sand. Flush to btm perf. ISIP/5/10/15 - 403/210/187/172 Avg/MaxTrt psi - 2659/3686 Avg/Max trt rate-78/81 Load to recover: 120,922 gals (2903 bbls) Prop placed - 171,530 lbs FG - 50 psi/ft
Stage 6 = 5670 feet to 5850 feet (46 holes)	1500 gals of 15% HCl acid div w/ 92 bioballs (ball out) 11,182 gals of Water Frac G 20# Linear gel followed by 51,515 gals of Delta Frac 140 XL carrying 88,676# 16/30 prem wht sand at .5/1.0/2.0/3.0/4.0 ppg conc tailed w/ 13,996 gals of Delta Frac 140 XL carrying 62,553# of CRC-16/30 sand. Flushed to top perf. ISIP/5/10/15 - 959/341/312/302 Avg Trt psi/Max Trt psi - 1945/4029 Avg/Max trt rate-50/51 Load to recover: 78,353 gals (1866 bbls) Proppant placed - 151,320 lbs