

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
JAN 14 2016  
NM OIL CONSERVATION  
CARLSBAD DISTRICT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMNM19612

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.  
RDX FEDERAL 28 14

3. Address 210 PARK AVE STE 900  
OKLAHOMA CITY, OK 73102

3a. Phone No. (include area code)  
Ph: 405-996-5769

9. API Well No.  
30-015-43013

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

At surface NENE 1060FNL 1050FEL 32.017760 N Lat, 103.881050 W Lon

At top prod interval reported below NENE 1060FNL 1050FEL 32.017760 N Lat, 103.881050 W Lon

At total depth NENE 1060FNL 1050FEL 32.017760 N Lat, 103.881050 W Lon

10. Field and Pool, or Exploratory  
ROSS DRAW;DELAWARE,W

11. Sec., T., R., M., or Block and Survey  
or Area Sec 28 T26S R30E Mer NMP

12. County or Parish  
EDDY

13. State  
NM

14. Date Spudded  
04/30/2015

15. Date T.D. Reached  
05/10/2015

16. Date Completed  
☐ D & A ☒ Ready to Prod.  
06/11/2015

17. Elevations (DF, KB, RT, GL)\*  
3000 GL

18. Total Depth: MD 7470  
TVD 7417

19. Plug Back T.D.: MD 7405  
TVD 7364

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? ☒ 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 Sks. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|--------------|-------------|----------|-------------|----------------------|------------------------------|-------------------|-------------|---------------|
| 17.500    | 13.375 J55   | 54.5        | 0        | 615         |                      | 600                          | 170               | 0           |               |
| 12.250    | 9.625 J55    | 40.0        | 0        | 3417        |                      | 1050                         | 338               | 0           |               |
| 8.875     | 5.500 HCP110 | 17.0        | 0        | 7450        | 5505                 | 1025                         | 300               | 0           |               |
|           |              |             |          |             |                      |                              |                   |             |               |
|           |              |             |          |             |                      |                              |                   |             |               |
|           |              |             |          |             |                      |                              |                   |             |               |

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 | 5597           |                   |      |                |                   |      |                |                   |

25. Producing Intervals

26. Perforation Record

| Formation   | Top  | Bottom | Perforated Interval | Size  | No. Holes | Perf. Status |
|-------------|------|--------|---------------------|-------|-----------|--------------|
| A) DELAWARE | 5588 | 7253   | 5588 TO 7253        | 3.130 | 236       | ACTIVE       |
| B)          |      |        |                     |       |           |              |
| C)          |      |        |                     |       |           |              |
| D)          |      |        |                     |       |           |              |

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

| Depth Interval | Amount and Type of Material   |
|----------------|---|
| 5588 TO 7253   | 20# LINEAR, 5% HCL, 20# BORATE, 16/30 WHITE, 16/30 SLC// TOTAL SAND PUMPED = 445,740 LBSLTR = 8,910 |
|                |   |
|                |   |

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 |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|
| 06/13/2015          | 06/26/2015        | 24           | →               | 225.0   | 411.0   | 1097.0    | 43.0                  |             |
| Choke Size          | Tbg. Press. Flwg. | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status |
| 64/64               | SI                | 100.0        | →               | 225     | 411     | 1097      | 1826                  | POW         |

ACCEPTED FOR RECORD  
ELECTRIC PUMP SUB-SURFACE  
JAN 8 2016  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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 |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|
|                     |                   |              | →               |         |         |           |                       |             |
| Choke Size          | Tbg. Press. Flwg. | 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 #310425 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation Due: 12/26/15

## 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-TVD | 5645 | 7417   | OIL-GAS-WATER                | RUSTLER<br>TOP SALT<br>BTM SALT<br>DELAWARE/BELL CANYON<br>CHERRY CANYON<br>BRUSHY CANYON<br>BONE SPRING | 857<br>2745<br>3208<br>3460<br>4585<br>5645<br>7330 |

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

## 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 #310425 Verified by the BLM Well Information System.  
For RKI EXPLORATION & PRODUCTION, sent to the Carlsbad  
Committed to AFMSS for processing by DEBORAH HAM on 12/21/2015 ()

Name (please print) HEATHER BREHMTitle REGULATORY ANALYSTSignature (Electronic Submission)Date 07/28/2015

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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