



OCD Artesia

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NNMM101110

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 & PROD LLC E-Mail: JNOERDLINGER@RKIXP.COM

Contact: JODY NOERDLINGER

8. Lease Name and Well No.  
RDX FEDERAL COM 17 11H3. Address  
3817 NW EXPRESSWAY SUITE 950  
OKLAHOMA CITY, OK 731123a. Phone No. (include area code)  
Ph: 405-996-54479. API Well No.  
30-015-40641-00-S1

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

At surface SESW 205FSL 2130FWL

At top prod interval reported below SESW 790FSL 1730FWL

At total depth NENW 330FNL 1980FWL

10. Field and Pool, or Exploratory  
UNDESIGNATED11. Sec., T., R., M., or Block and Survey  
or Area Sec 17 T26S R30E Mer NMP12. County or Parish  
EDDY13. State  
NM14. Date Spudded  
10/11/201215. Date T.D. Reached  
11/02/201216. Date Completed  
☐ D & A ☒ Ready to Prod.  
02/07/201317. Elevations (DF, KB, RT, GL)\*  
3124 GL18. Total Depth: MD 12441  
TVD 761019. Plug Back T.D.: MD 12343  
TVD 761420. Depth Bridge Plug Set: MD  
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
RESISTIVITY POROSITY CBL22. 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    | 13.650 J-55 | 54.5        | 0        | 938         |                      | 850                         |                   | 0           |               |
| 12.250    | 9.625 J-55  | 40.0        | 0        | 3465        |                      | 957                         |                   | 0           |               |
| 8.750     | 5.500 P-110 | 17.0        | 5479     | 12432       | 5479                 | 1975                        |                   | 2170        |               |
|           |             |             |          |             |                      |                             |                   |             |               |
|           |             |             |          |             |                      |                             |                   |             |               |
|           |             |             |          |             |                      |                             |                   |             |               |

## 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 | 7008           |                   |      |                |                   |      |                |                   |

## 25. Producing Intervals

| Formation      | Top  | Bottom | Perforated Interval | Size  | No. Holes | Perf. Status             |
|----------------|------|--------|---------------------|-------|-----------|--------------------------|
| A) BONE SPRING | 8457 | 12801  | 8076 TO 11452       | 0.400 | 672       | STAGE 4 THROUGH STAGE 17 |
| B)             |      |        | 11548 TO 11700      | 0.400 | 48        | STAGE 3                  |
| C)             |      |        | 11798 TO 11946      | 0.400 | 48        | STAGE 2                  |
| D)             |      |        | 12044 TO 12196      | 0.400 | 48        | STAGE 1                  |

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

| Depth Interval | Amount and Type of Material   |
|----------------|---|
| 8076 TO 11452  | STAGE 4 THROUGH STAGE 17 TOTAL GEL=82,029 BBLs, TOTAL HCL ACID=21,000 GALS, TOTAL SAND = 2,832,708# |
| 11548 TO 11700 | STAGE 3 TOTAL GEL=6,031 BBLs, TOTAL HCL ACID=1500 GALS, TOTAL SAND = 202,560#                       |
| 11798 TO 11946 | STAGE 2 TOTAL GEL=6,168 BBLs, TOTAL HCL ACID=1500 GALS, TOTAL SAND = 200,193#                       |
| 12044 TO 12196 | STAGE 1 TOTAL GEL=7,731 BBLs, TOTAL HCL ACID=1500 GALS, TOTAL SAND = 207,007#                       |

## 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         |
|---------------------|----------------------|----------------|-----------------|---------|---------|-----------|-----------------------|-------------|---------------------------|
| 02/19/2013          | 02/27/2013           | 24             | →               | 246.0   | 3118.0  | 1831.0    |                       |             | ELECTRIC PUMP SUB-SURFACE |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press. SI | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status |                           |
| 42/64               | 900                  | 900.0          | →               | 237     | 2994    | 1831      |                       | 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 |
|---------------------|----------------------|----------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
|                     |                      |                | →               |         |         |           |                       |             |                   |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press. SI | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status |                   |
|                     |                      |                | →               |         |         |           |                       |             |                   |

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

ELECTRONIC SUBMISSION #201241 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

BUREAU OF LAND MANAGEMENT  
ARLISAD FIELD OFFICE

ACCEPTED FOR RECORD

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## 28b. Production - Interval C

| Date First Produced | Test Date                  | Hours Tested | Test Production<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity<br>Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------------|--------------|----------------------|---------|---------|-----------|--------------------------|-------------|-------------------|
| Choke Size          | Tbg. Press.<br>Flwg.<br>SI | Csg. Press.  | 24 Hr. Rate<br>→     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio            | Well Status |                   |

## 28c. Production - Interval D

| Date First Produced | Test Date                  | Hours Tested | Test Production<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity<br>Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------------|--------------|----------------------|---------|---------|-----------|--------------------------|-------------|-------------------|
| Choke Size          | Tbg. Press.<br>Flwg.<br>SI | Csg. Press.  | 24 Hr. Rate<br>→     | 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 |
| BONE SPRING | 8457 | 12801  |                              | BASE OF SALT  | 3481        |
|             |      |        |                              | DELAWARE      | 3506        |
|             |      |        |                              | CHERRY CANYON | 4695        |
|             |      |        |                              | BRUSHY CANYON | 7006        |
|             |      |        |                              | BONE SPRING   | 7304        |

## 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 #201241 Verified by the BLM Well Information System.**  
**For RKI EXPLORATION & PROD LLC, sent to the Carlsbad**  
**Committed to AFMSS for processing by KURT SIMMONS on 03/12/2013 (13KMSS460SE)**

Name (please print) JODY NOERDLINGERTitle REGULATORY ANALYST

Signature \_\_\_\_\_ (Electronic Submission)

Date 03/11/2013

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 \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***