

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

|  |   |  |
|--|---|--|
| 1. Type of Well<br><input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other |   | 5. Lease Serial No.<br>NMNM102917                  |
| 2. Name of Operator<br>RKI EXPLORATION & PROD LLC  |   | 6. If Indian, Allottee or Tribe Name               |
| Contact: ROBYN L LAMPLEY<br>E-Mail: rlampley@rkixp.com   |   | 7. If Unit or CA/Agreement, Name and/or No.        |
| 3a. Address<br>210 PARK AVE SUITE 900<br>OKLAHOMA CITY, OK 73102   | 3b. Phone No. (include area code)<br>Ph: 405-996-5775<br>Fx: 405-996-5772 | 8. Well Name and No.<br>RDX FEDERAL 21 32          |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br>Sec 21 T26S R30E NESW 1880FSL 1650FWL                  |   | 9. API Well No.<br>30-015-40642-00-X1              |
|  |   | 10. Field and Pool, or Exploratory<br>BRUSHY DRAW  |
|  |   | 11. County or Parish, and State<br>EDDY COUNTY, NM |

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

| TYPE OF SUBMISSION                                    | TYPE OF ACTION                                |   |  |   |
|---|---|---|--|---|
| <input type="checkbox"/> Notice of Intent             | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off   |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity   |
| <input type="checkbox"/> Final Abandonment Notice     | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other |
|   | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       | Drilling Operations                       |
|   | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |   |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Started completion activities on 2/8/2013.

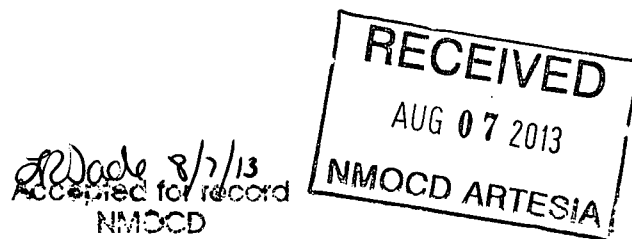
Drill out DV tool at 5530'. CIH picking up 79 jts of 2 7/8" L-80 tubing.  
Tagged PBTD @8100'.

On 2/9/2013, Tested production casing to 2800 psi for 30 minutes

Ran CBL/GR/CCL to surface. Estimated TOC at 2000'.

Perforated 5530' feet to 7170' feet in 6 stages (256 holes).

Test lines to 7500#. Pump STG 1, 162 Zone as follows, pumped 18 bbl of Aqua Vis 20G, bull head 44



|   |                          |
|---|--------------------------|
| 14. I hereby certify that the foregoing is true and correct.<br><b>Electronic Submission #212764 verified by the BLM Well Information System</b><br><b>For RKI EXPLORATION &amp; PROD LLC, sent to the Carlsbad</b><br><b>Committed to AFMSS for processing by KURT SIMMONS on 07/12/2013 (13KMS6720SE)</b> |                          |
| Name (Printed/Typed) ROBYN L LAMPLEY  | Title REGULATORY ANALYST |
| Signature (Electronic Submission)   | Date 07/08/2013          |

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

|   |                                      |                 |
|---|--------------------------------------|-----------------|
| Approved By <b>ACCEPTED</b>   | JAMES A AMOS<br>Title SUPERVISOR EPS | Date 08/03/2013 |
| Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. |                                      |                 |
| Office Carlsbad   |                                      |                 |

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.

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

## Additional data for EC transaction #212764 that would not fit on the form

### 32. Additional remarks, continued

BBL of 15% HCL acid, (BRK press 2501) 1232 bbl of Dyna Frac 20 w/ 104735 lb Premium White 16/30 prop in .5/1/2/3/4 ppg tailed with 439 bbl of DynaFrac 20 w/super set w/ 39033 lb of 16/30 Super LC prop at 5 ppg. Flushed 193 bbl, ISIP 470 psi, 5/10/15 min sip ? 429/413/404, F.G. .49, Avg rate 73 bpm, Max rate 82 bpm, MTP 4145, ATP 3031, 40 bio balls, 1143 psi ball out, total prop 140768 TLR 2703 bbl.

Test lines to 7500#. Pump STG 2, Castle as follows, pumped 27 bbl of Aqua Vis 20G, bull head 36 BBL of 15% HCL acid, (BRK press 5642) 1064 bbl of Dyna Frac 20 w/ 108785 lb Premium White 16/30 prop in .5/1/2/3/4 ppg tailed with 401 bbl of DynaFrac 20 w/super set w/ 32000 lb of 16/30 Super LC prop at 5 ppg. Flushed 166 bbl, ISIP 685 psi, 5/10/15 min sip ? 562/539/509, F.G. .54, Avg rate 72 bpm, Max rate 82 bpm, MTP 8976, ATP 4113, 20 bio balls, 8976 psi ball out, Total prop 113,940 TLR 2,143 bbl.

Test lines to 7500#. Pump STG 3, MWJ Zone as follows, pumped 24 bbl of Aqua Vis 20G, bull head 36 BBL of 15% HCL acid, (BRK press 2502) 1075 bbl of Dyna Frac 20 w/ 81380 lb Premium White 16/30 prop in .5/1/2/3/4 ppg tailed with 356 bbl of DynaFrac 20 w/super set w/ 30000 lb of 16/30 Super LC prop at 5 ppg. Flushed 153 bbl, ISIP 571 psi, 5/10/15 min sip ? 521/468/441, F.G. .52, Avg rate 78 bpm, Max rate 83 bpm, MTP 3353, ATP 2926, 25 bio balls, 1725 psi ball out, Total prop 111,380 TLR 2,042 bbl.

Test lines to 7500#. Pump STG 4, Kingrea/Tide as follows, pumped 27 bbl of Aqua Vis 20G, bull head 36 BBL of 15% HCL acid, (BRK press 1925) 1013 bbl of Dyna Frac 20 w/ 80700 lb Premium White 16/30 prop in .5/1/2/3/4 ppg tailed with 285 bbl of DynaFrac 20 w/super set w/ 34620 lb of 16/30 Super LC prop at 5 ppg. Flushed 125 bbl, ISIP 561 psi, 5/10/15 min sip ? 516/475/460, F.G. .52, Avg rate 69 bpm, Max rate 79 bpm, MTP 3113, ATP 2502, 25 bio balls, 964 psi ball out, Total prop 115,320 TLR 2,017 bbl.

Test lines to 7500#. Pump STG 5, Cougar/Costello Zone as follows, pumped 28 bbl of Aqua Vis 20G, bull head 24 BBL of 15% HCL acid, (BRK press 2222) 1046 bbl of Dyna Frac 20 w/ 76500 lb Premium White 16/30 prop in .5/1/2/3/4 ppg tailed with 301 bbl of DynaFrac 20 w/super set w/ 34000 lb of 16/30 Super LC prop at 5 ppg. Flushed 128 bbl, ISIP 521 psi, 5/10/15 min sip ? 496/468/449, F.G. .51, Avg rate 79 bpm, Max rate 81 bpm, MTP 2798, ATP 2499, 25 bio balls, 964 psi ball out, Total prop 110,500 TLR 1,939 bbl.

Test lines to 7500#. Pump STG 6, Getty/Topper as follows, pumped 24 bbl of Aqua Vis 20G, bull head 36 BBL of 15% HCL acid, (BRK press 534) 1315 bbl of Dyna Frac 20 w/ 75000 lb Premium White 16/30 prop in .5/1/2/3/4 ppg tailed with 166 bbl of DynaFrac 20 w/super set w/ 35000 lb of 16/30 Super LC prop at 5 ppg. Flushed 128 bbl, ISIP 552 psi, 5/10/15 min sip ? 532/511/489, F.G. .52, Avg rate 78 bpm, Max rate 80 bpm, MTP 3011, ATP 2563, 25 bio balls, 1147 psi ball out, Total prop 110,000 TLR 2,069 bbl.

TLR 12,792 BBL, Total Prop 711,100 LB.

3/25/2013- Began Flowback.