

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5 Lease Serial No  
NMNM0480904B

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6 If Indian, Allottee or Tribe Name		
b Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff Resvr Other _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator RKI EXPLORATION & PRODUCTION-Email: cahn@rkxp.com			8 Lease Name and Well No. RDU FEDERAL 22 2H		
3. Address 3817 NW EXPRESSWAY, SUITE 950 OKLAHOMA CITY, OK 73112			3a Phone No (include area code) Ph: 405-996-5771		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWNE Lot B 330FNL 2105FEL At top prod interval reported below SWSE Lot O 330FSL 1650FEL At total depth SWSE Lot O 330FSL 1650FEL			9. API Well No. 30-015-39262		
14. Date Spudded 08/09/2011			15. Date T.D. Reached 09/28/2011		
16 Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod 05/08/2012			17 Elevations (DF, KB, RT, GL)* 3091 GL		
18. Total Depth MD TVD 12110 7696		19. Plug Back T.D. MD TVD 12064		20 Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GAMMA RAY/DENSITY/NEUTRON/CALIPER LOGS			22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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 J-55	54.5	0	869		875	284	0	
12 250	9.625 K-55	40.0	0	3532		1278	405	0	
8.750	5.500 P-110	17.0	0	12109		2440	849	3010	

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	7144							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	8441	12011	11913 TO 12011	0 400	48	OPEN
B)			11665 TO 11817	0 400	48	OPEN
C)			11417 TO 11569	0 400	48	OPEN
D)			8441 TO 11321	0 400	576	OPEN, 12 STAGES (4 THROUGH

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

Depth Interval	Amount and Type of Material
8441 TO 12011	22,500 GALS OF 15% HCL ACID, 14,951 GALS OF SLICKWATER, 1,596,102 GALS OF LINEAR R(11/16) GEL

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
05/18/2012	05/24/2012	24	→	167 0	1252 0	1140 0	51 6		ELECTRIC PUMP SUB SURFACE
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
N/A	250	60 0	→	167	1252	1140		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	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 #141064 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

RECEIVED

JUN 25 2012

NMOCD ARTESIA

ACCEPTED FOR RECORD

JUN 21 2012

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

## 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
RUSTLER	660			BASE LIME	3571
SALADO	1008			DELAWARE	3598
BASE LIME	3571			CHERRY CANYON	4697
DELAWARE	3598			BONE SPRING	7421
CHERRY CANYON	4697				
BRUSHY CANYON	5754				
BONE SPRING	7421				

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

THIS IS AN AMENDMENT OF THE PREVIOUS 3160-4 REPORT (00751-02986) SUBMITTED ON 6/07/12  
PLEASE NOTE CHANGES IN SUMMARY OF POROUS ZONES AND FORMATION (LOG) MARKERS

## 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 #141064 Verified by the BLM Well Information System.

For RKI EXPLORATION & PRODUCTION, sent to the Carlsbad  
Committed to AFMSS for processing by KURT SIMMONS on 06/20/2012 ()

Name (please print) CHARLES K AHN

Title HS&E/REGULATORY MANAGER

Signature (Electronic Submission)

Date 06/19/2012

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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***