

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. OIL CONSERVATION DIVISION

811 S. FIRST STREET

ARTESIA, NM

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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM0480904B
2. Name of Operator RKI EXPLORATION & PROD LLC Contact: JODY NOERDLINGER E-Mail: jnoerdlinger@rkxp.com		6. If Indian, Allottee or Tribe Name
3a. Address 210 PARK AVE SUITE 900 OKLAHOMA CITY, OK 73102	3b. Phone No. (include area code) Ph: 405-995-5774 Fx: 405-996-5772	7. If Unit or CA/Agreement, Name and/or No. 891013810X
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 22 T26S R30E SWSW 0990FSL 0430FWL 32.023277 N Lat, 103.875810 W Lon		8. Well Name and No. ROSS DRAW UNIT 45
		9. API Well No. 30-015-42018-00-X1
		10. Field and Pool, or Exploratory ROSS DRAW
		11. County or Parish, and State EDDY COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 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 recompleat 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 recompleat 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.)

RKI Exploration & Production requests a change in drilling plans for the subject well, scheduled to spud March 3, 2014.

Change production hole size from 8 3/4 inches to 7 7/8 inches.

The revised drilling program is attached.

NM OIL CONSERVATION
ARTESIA DISTRICT

JUN 02 2014

Accepted for record

NMOC D TES
6-3-2014

RECEIVED

14. I hereby certify that the foregoing is true and correct. Electronic Submission #237618 verified by the BLM Well Information System For RKI EXPLORATION & PROD LLC, sent to the Carlsbad Committed to AFMSS for processing by ANGEL MAYES on 05/02/2014 (14AXM0012SE)	
Name (Printed/Typed) JODY NOERDLINGER	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 03/04/2014

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

Approved By _____	Title _____	Date _____
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 _____

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 any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

BUREAU OF LAND MANAGEMENT
CARI SRAD FIELD OFFICE**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Revisions to Operator-Submitted EC Data for Sundry Notice #237618

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	DRG NOI	DRG NOI
Lease:	NMNM0480904B	NMNM0480904B
Agreement:		891013810X (NMNM71027X)
Operator:	RKI EXPLORATION AND PRODUCTION 210 PARK AVENUE SUITE 900 OKLAHOMA CITY, OK 73102 Ph: 405-949-2221	RKI EXPLORATION & PROD LLC 210 PARK AVE SUITE 900 OKLAHOMA CITY, OK 73102 Ph: 405.996.5750
Admin Contact:	JODY NOERDLINGER REGULATORY ANALYST E-Mail: jnoerdlinger@rkixp.com Cell: 405-414-0151 Ph: 405-995-5774 Fx: 405-996-5772	JODY NOERDLINGER REGULATORY ANALYST E-Mail: jnoerdlinger@rkixp.com Cell: 405-414-0151 Ph: 405-995-5774 Fx: 405-996-5772
Tech Contact:	JODY NOERDLINGER REGULATORY ANALYST E-Mail: jnoerdlinger@rkixp.com Cell: 405-414-0151 Ph: 405-995-5774 Fx: 405-996-5772	JODY NOERDLINGER REGULATORY ANALYST E-Mail: jnoerdlinger@rkixp.com Cell: 405-414-0151 Ph: 405-995-5774 Fx: 405-996-5772
Location:		
State:	NM	NM
County:	EDDY	EDDY
Field/Pool:	ROSS DRAW; DELAWARE EAST	ROSS DRAW
Well/Facility:	ROSS DRAW UNIT 45 Sec 22 T26S R30E Mer NMP SWSW 900FSL 430FWL	ROSS DRAW UNIT 45 Sec 22 T26S R30E SWSW 0990FSL 0430FWL 32.023277 N Lat, 103.875810 W Lon

Production	7-7/8"	hole			
Pipe OD	5 1/2"				
Setting Depth	7,454	ft			
Annular Volume	0.1732699	cf/ft	0.26074	cf/ft	500, ft
Excess	0.32		0.5	32 %	
DV Tool Depth	5500	ft			
Stage 1					
Lead:	418	sx	1.48	cf/sk	7.58 gal/sk 13.0 ppg
Lead:	PVL + 1.3% PF44 + 5% PF174 + 0.5% PF606 + 0.1% PF153 + 0.4 pps PF46 + 0.4% PF13				
Stage 2					
Lead:	250	sx	1.89	cf/sk	10.03 gal/sk 12.9 ppg
Tail:	175	sx	1.48	cf/sk	7.58 gal/sk 14.8 ppg
Lead:	35/65 Poz "C" + 5% PF44 (salt) + 6% PF20 (gel) + .125 pps PF29 (cellophane) + .25 pps PF46 (antifoam) + .2% PF13 (retarder)				
Tail:	PVL + 1.3% PF44 + 5% PF174 + 0.5% PF606 + 0.1% PF153 + 0.4 pps PF46 + 0.4% PF13				
	Top of cement: 2,940 ft				

8) Pressure control equipment:

The blowout preventer equipment (BOP) shown in Exhibit #1 will consist of a double ram type (3,000 psi WP) preventer, a bag-type annular preventer (3,000 psi WP), and rotating head. Both units will be hydraulically operated and the ram type preventer will be equipped with blind rams on top and pipe rams (sized to accommodate the drill pipe size being utilized) on bottom. A 13 3/8" SOW x 13 5/8" 3M casing head will be installed on the 13 3/8" casing and utilized until total depth is reached. All BOP and associated equipment will be tested to 3,000 psi and the annular will be tested to 1,500 psi after setting the 13 3/8" string. The 13 3/8" and 9 5/8" casing will be tested to .22 psi per ft of casing string length or 1,500 psi whichever is greater, but not to exceed 70% of the minimum yield.

The 9 5/8" casing will be hung in the casing head and the stack will not be nipped down at this point.

The stack will not be isolated and tested after running the 9 5/8" casing, but will be tested along with the 9 5/8" casing. Pipe rams will be operated and checked each 24 hour period and each time the drill string is out of the hole. These function test will be documented on the daily driller's log.

A drilling spool or blowout preventer with 2 side outlets (choke side shall be 3" minimum diameter, kill side shall be at least 2" diameter).

2 kill line valves, one of which will be a check valve.

2 chokes on the manifold along with a pressure gauge.

Upper kelly cock valve with handle available.

Safety valve and subs to fit all drill string connections in use.

All BOP equipment connections subjected to pressure will be flanged, welded, or clamped.

Fill up line above the upper most preventer.

9) Mud program:

Top	Bottom	Mud Wt.	Vis	Fluid Loss	Type System
	0	830	8.5 to 8.9	32 to 36	NC Fresh Water
	830	3,440	9.8 to 10.0	28 to 30	NC Brine
	3,440	7,454	8.9 to 9.1	28 to 36	NC Fresh Water

10) Logging, coring, and testing program:

No drillstem test are planned

Total depth to intermediate: CNL, Caliper, GR, DLL,

Intermediate to surface: CNL, GR

No coring is planned

11) Potential hazards:

No abnormal pressures or temperatures are expected. There is no known presences of H2S in this area, although some form a of H2S detection equipment will be utilized. Gas and pit level monitoring equipment will be utilized below the 9 5/8" casing as deemed necessary. Lost circulation and weighting material will be available.

12) Anticipated start date

ASAP

Duration

25 days

Production	7-7/8"	hole				
Pipe OD	5 1/2"					
Setting Depth	7,454	ft				
Annular Volume	0.1732699	cf/ft	0.26074	cf/ft		
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					12.9	ppg
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Top	Bottom	Mud Wt.	Vis	Fluid Loss	Type System	
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	830	3,440	9.8 to 10.0	28 to 30	NC	Brine
	3,440	7,454	8.9 to 9.1	28 to 36	NC	Fresh Water

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