

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.*5. Lease Serial No.
NMLC0069159A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other: INJECTION

2. Name of Operator

Contact: BILL AUBREY

RKI EXPLORATION & PRODUCTION E-Mail: baubrey@rkxp.com

8. Well Name and No.
BIG EDDY 117 SWD9. API Well No.
30-015-27261

3a. Address

3817 NW EXPRESSWAY, STE 950
OKLAHOMA CITY, OK 73112

3b. Phone No. (include area code)

Ph: 405-996-5750

10. Field and Pool, or Exploratory
EAST HERRADURA/DELAWARE
SWD, Delaware 96100

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 25 T22S R28E SWSW 330FSL 330FWL

11. County or Parish, and State

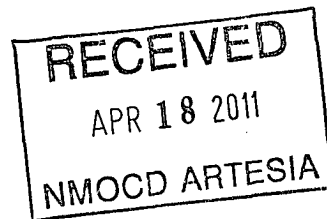
EDDY COUNTY COUNTY, NM

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 checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<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, LLC is requesting permission to add the additional perforations to the Big Eddy 117 SWD well. Please see the attached procedure.

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

14. Thereby certify that the foregoing is true and correct.

Electronic Submission #106185 verified by the BLM Well Information System
For RKI EXPLORATION & PRODUCTION, sent to the Carlsbad

Name (Printed/Typed) BILL AUBREY

Title OPERATIONS

Signature (Electronic Submission)

Date 04/11/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE APPROVAL

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 to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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

RKI Exploration and Production, LLC

LEASE: Big Eddy SWD
WELL: #117
LOCATION: 25-22S-28E
COUNTY/STATE: Eddy County, New Mexico

TOTAL DEPTH: 6484' **PBTD:** 5950' (CIBP) **KB:** ?' above GL

CASING RECORD:

11 3/4" 42# H-40 8 rd ST&C casing set at 448'. Circulated to surface.
8 5/8" 24# wt & grade unknown set at 2760'. Circulated to surface.
5 1/2" 14# & 15.5# K-55 8rd LT&C. Stage 1: 350 sx, Stage 2: 410 sx.
Set at 6484', DV tool at 4497'

EXISTING PERFS:

2950 - 2972'
4281 - 4289'
4560 - 4570'
4700 - ~~4710~~ 4770'
CIBP @ 5950'
6012 - 6093'
CIBP @ 6130'
6146 - 6160'

TUBING:

2 3/8" 4.7# grade unknown
Packer set at 2847'

PROCEDURE:

1. MIRU workover rig, NU BOP. Release packer and TOH.
2. TIH with 2 7/8" 6.5# N-80 tubing and packer. Set packer at approximately 4500'. Frac as follows:
 - 500 gal slick water
 - 2500 gal 15% HCl
 - 4200 gal slick water with .25 ppg 20/40 sand
 - 2500 gal 15% HCl
 - 4200 gal slick water with .25 ppg 20/40 sand
 - 4200 gal slick water
 - Flush with brine
3. Release packer and TOH. Set composite bridge plug at approximately 4550'. Perforate as follows:

4374 - 4397'	23'	4 spf	92 holes
4433 - 4475'	42'	4 spf	168 holes

3. TIH with 2 7/8" 6.5# N-80 tubing and packer. Set packer at approximately 4250'. Frac as follows:

500 gal slick water
2500 gal 15% HCl
4200 gal slick water with .25 ppg 20/40 sand
2500 gal 15% HCl
4200 gal slick water with .25 ppg 20/40 sand
2500 gal 15% HCl
4200 gal slick water with .25 ppg 20/40 sand
4200 gal slick water
Flush with brine

4. Release packer and TOH. Set composite bridge plug at approximately 4230'. Perforate as follows:

3862 – 3945'	83'	4 spf	332 holes
3955 – 3975'	20'	4 spf	80 holes
3984 – 4019'	35'	4 spf	140 holes
4031 – 4056'	25'	4 spf	100 holes
4067 – 4182'	115'	4 spf	460 holes

5. TIH with 2 7/8" 6.5# N-80 tubing and packer. Set packer at approximately 3800'. Frac as follows:

500 gal slick water
2500 gal 15% HCl
4200 gal slick water with .25 ppg 20/40 sand
2500 gal 15% HCl
4200 gal slick water with .25 ppg 20/40 sand
2500 gal 15% HCl
4200 gal slick water with .25 ppg 20/40 sand
2500 gal 15% HCl
4200 gal slick water with .25 ppg 20/40 sand
2500 gal 15% HCl
4200 gal slick water with .25 ppg 20/40 sand
4200 gal slick water
Flush with brine

6. Release packer and TOH. Drill out composite bridge plugs. TIH with 2 3/8" lined tubing setting packer at approximately 2850'.

7. ND BOP, NU wellhead and place well on injection.