

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA



FORM APPROVED
OMB No 1004-0137
Expires March 31, 2007

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
NMLC-028731 (b)
6 If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1 Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

APR - 2 2008

OCD-ARTESIA

2 Name of Operator
RKI EXPLORATION & PRODUCTION, LLC

8 Well Name and No
DURANGO "10" FEDERAL #1

9 API Well No
30-015-31974

3a Address
PO BOX 370
CARLSBAD, NM 88221

3b Phone No (include area code)
575-885-1313

10 Field and Pool or Exploratory Area
GRAYBURG; MORROW

4 Location of Well (Footage, Sec, T, R., M., or Survey Description)
UL P, 840' FSL & 1140' FEL
SEC 10, T-17S, R-29E

11. Country or Parish, State
EDDY, NEW MEXICO

12. CHECK THE 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 <u>SWD METHOD</u>
	<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	

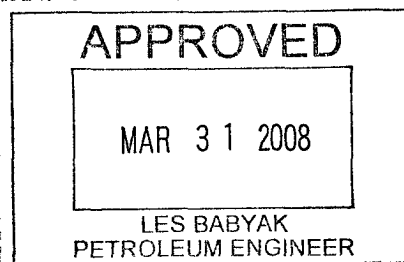
13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical 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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

1. FORMATION PRODUCING WATER ON THE LEASE: ATOKA
2. AMOUNT OF WATER PRODUCED FROM FORMATION: APPROXIMATELY 1 BBL PER MONTH
3. WATER ANALYSIS OF PRODUCTION WATER: SEE ATTACHED
4. HOW WATER IS STORED ON THE LEASE: 210 BBL FIBERGLASS TANK
5. HOW WATER IS MOVED TO DISPOSAL FACILITY: HAULED BY JIM'S WATER SERVICE TRUCK
6. OPERATOR'S NAME OF DISPOSAL FACILITY:

LOCO HILLS WATER DISPOSAL
PERMIT #R-3221
SEC. 16, T-17S, R-30E
EDDY COUNTY, NEW MEXICO

ALTERNATE SWD:
OXY T-BONE FED 1 SWD
PERMIT #NM 950
SEC. 33, T-24S, R-31E
EDDY COUNTY, NEW MEXICO

**Accepted for record
NMOCD**



14 I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)
GENE SIMER

Title PRODUCTION SUPERINTENDENT

Signature

Date 02/26/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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.

(Instructions on page 2)

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

Attn:
Fax #

Ryan Faulknerberry
1-505-885-3509

B J Services Water Analysis

Artesia District Laboratory
(505)-746-3140

Date: 19-Feb-03 Test #:
Company: Dominion Exploration Well #: Fed Com #1
Lease: Grizzly Adams 13 County: Eddy
State: NM Formation:
Depth: Source:

pH	5.25	Temp (F):	64.4
Specific Gravity	1.050		

CATIONS

	mg/l	mol/l	ppm
Sodium (calc.)	12751	554.6	12144
Calcium	3208	160.1	3055
Magnesium	170	14.0	162
Barium	< 25	—	—
Potassium	< 10	—	—
Iron	478	17.1	464

ANIONS

Chloride	26000	733.4	24762
Sulfate	476	9.9	454
Carbonate	< 1	—	—
Bicarbonate	281	4.0	267

Total Dissolved Solids (calc.) 43362 41287

Total Hardness as CaCO₃ 8712 174.1 8297

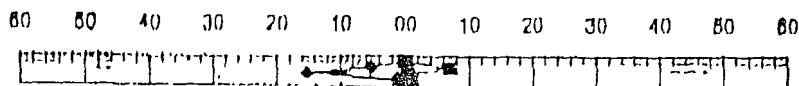
COMMENTS: Resistivity (ohm-meters-calc.) 0.179186

SCALE ANALYSIS:

CaCO₃ Factor 900184 Calcium Carbonate Scale Probability →
CaSO₄ Factor 1004000 Calcium Sulfate Scale Probability →

Possible
Remote

Stiff Plot



Attn:
Fax #

Ryan Faulkenberry
1-505-885-3509

B J Services Water Analysis

Artesia District Laboratory
(505)-748-3140

Date: 19-Feb-03 Test #:
Company: Dominion Exploration Well #: Federal #1
Lease: Durango 10 County: Eddy
State: NM Formation:
Depth: Source:

pH	5.69	Temp (F):	65.7
Specific Gravity	1.030		

CATIONS	mg/l	mol	ppm
Sodium (calc.)	11063	481.2	10741
Calcium	1283	64.0	1246
Magnesium	73	6.0	71
Barium	< 25	---	---
Potassium	< 10	---	---
Iron	243	8.7	236

ANIONS			
Chloride	19200	541.6	18641
Sulfate	49	1.0	47
Carbonate	< 1	---	---
Bicarbonate	1171	19.2	1137
Total Dissolved Solids(calc.)	33081		32118
Total Hardness as CaCO ₃	3505	70.0	3403

COMMENTS: Resistivity (ohm-meters--calc.) 0.219821

SCALE ANALYSIS:

CaCO₃ Factor 1502884 Calcium Carbonate Scale Probability→
CaSO₄ Factor 64160 Calcium Sulfate Scale Probability →

Probable
Remote

Stiff Plot

