

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

**District II**  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

**District III**  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

**District IV**  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
ARTESIA DISTRICT  
Energy Minerals and Natural Resources  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-101  
Revised July 18, 2013

☐ AMENDED REPORT

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

<sup>1</sup> Operator Name and Address RKI EXPLORATION & PRODUCTION 210 PARK AVE, STE. 700, OKC, OK 73102		<sup>2</sup> OGRID Number 246289
		<sup>3</sup> API Number 30-005-60424
<sup>4</sup> Property Code 171700	<sup>5</sup> Property Name R & S STATE	<sup>6</sup> Well No. 1

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
D	17	15 S	28 E		990	NORTH	990	WEST	CHAVES

**8. Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County

**9. Pool Information**

Pool Name	Pool Code
BUFFALO VALLEY (MORROW)	73080

**Additional Well Information**

<sup>11</sup> Work Type P & A	<sup>12</sup> Well Type GAS	<sup>13</sup> Cable/Rotary ROTARY	<sup>14</sup> Lease Type S	<sup>15</sup> Ground Level Elevation 3534'
<sup>16</sup> Multiple n/a	<sup>17</sup> Proposed Depth n/a	<sup>18</sup> Formation BUFFALO VALLEY (MORROW)	<sup>19</sup> Contractor	<sup>20</sup> Spud Date 6/30/1977
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☐ We will be using a closed-loop system in lieu of lined pits

DENIED

**21. Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
BRIDGE PLUG	7-7/8"	4-1/2"	11.6#	8750'	25 SKS	7900'

**Casing/Cement Program: Additional Comments**

Perf @7900' w/70 sks; Perf @6486' w/60 sks; Perf @5310' w/60sks; Perf @3546' w/60 sks; Perf @1960' w/35 sks; Perf @430' w/60 sks

**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
BOP RAM	5K#	5K#	

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

I further certify that I have complied with 19.15.14.9 (A) NMAC ☐ and/or 19.15.14.9 (B) NMAC ☐, if applicable.

Signature: *Heather Brehm*

Printed name: Heather Brehm

Title: Regulatory Analyst

E-mail Address: hbrehm@rkixp.com

Date: 08/24/2015

Phone: 405.996.5769

**OIL CONSERVATION DIVISION**

Approved By:

DENIED

Title:

Approved Date: 9/8/2015

Expiration Date:

Conditions of Approval Attached

*File on C-103 with Before and After Well Bore Diagrams*

### R and S State 1 Wellbore Diagram

Buffalo Valley Penn  
Chaves County, NM  
API # 30-005-60424

**Proposed WBD**

