

**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: (505) 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  
**Energy Minerals and Natural Resources**  
NM OIL CONSERVATION  
ARTESIA DISTRICT  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505  
RECEIVED  
SEP 03 2015

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 249289
<sup>4</sup> Property Code 127700		<sup>3</sup> API Number 30-015-31185
<sup>5</sup> Property Name GERONIMO 36 STATE COM		<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
C	36	17S	23E		1060	NORTH	1980	WEST	EDDY

**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 EMPIRE; WOLFCAMP, SOUTH	Pool Code 22430
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**Additional Well Information**

<sup>11</sup> Work Type RECOMPLETION	<sup>12</sup> Well Type G	<sup>13</sup> Cable/Rotary ROTARY	<sup>14</sup> Lease Type S	<sup>15</sup> Ground Level Elevation 3690'
<sup>16</sup> Multiple NO	<sup>17</sup> Proposed Depth 8548'	<sup>18</sup> Formation WOLFCAMP	<sup>19</sup> Contractor	<sup>20</sup> Spud Date 04/22/2001
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

**21. Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
SQUEEZE	8 3/4"	5 1/2"	17#	8000'	100	7990'
SQUEEZE	12 1/4"	9 5/8"	30#	7520'	100	7504'
TUBING		2 7/8"	6.5#	7425'		

**Casing/Cement Program: Additional Comments**

PERF 8512'-8548'; PERF 7552'-7787'; STRING & RHMB PUMP

**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:

*[Signature]*

Title:

*District Supervisor*

Approved Date:

*9/3/15*

Expiration Date:

Conditions of Approval Attached

*Provide C102*

## Heather Brehm

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**From:** Jaime McAlpine  
**Sent:** Monday, August 10, 2015 4:01 PM  
**To:** Heather Brehm  
**Cc:** Charles Ahn; Jody Noerdlinger  
**Subject:** Toro 33 State 1 WC recompletion  
**Attachments:** Toro 33 State 1 wellbore schematic 201508.pptx

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

**Categories:** DO TODAY

Heather please see attached wellbore schematic and information below to file sundry for above well recompletion. Thanks.

1. Set CIBP 12,775' w/ 4 sx cmt on plug (35')
2. Perforate and acid frac Wolfcamp 10,892'-11,040' OA.
3. Install PU/rod pump and produce well on rod pump production.

Jaime L. McAlpine, PE  
o: (405) 996-5741  
c: (405) 850-6685

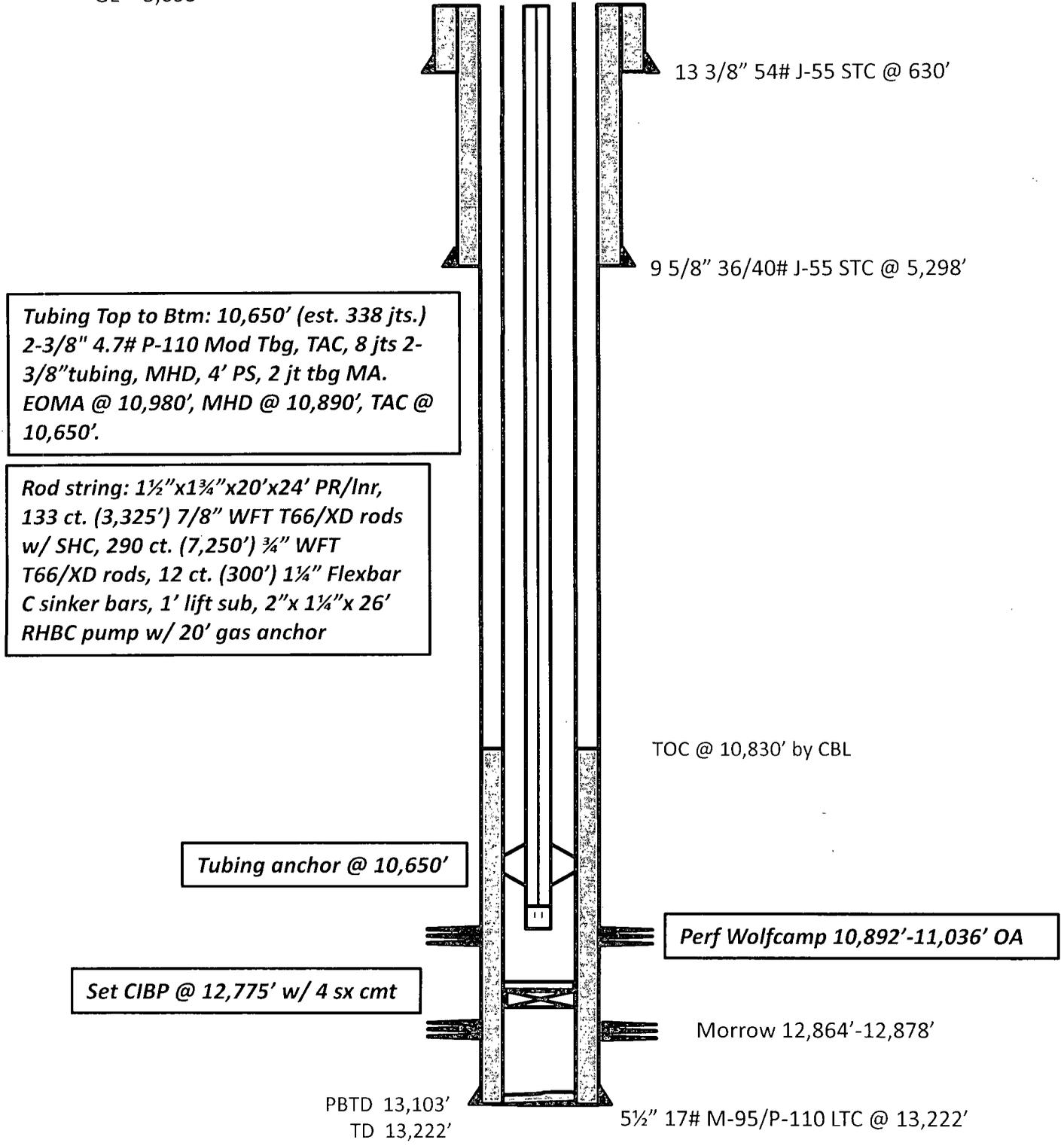
# RKI Exploration and Production, LLC

Toro 33 State 1  
Section 33 T19S R35E  
Lea County, NM  
API No. 30-025-34423

**PROPOSED**

KB - 3,703'  
GL - 3,695'

8/5/15; JLM



# RKI Exploration and Production, LLC

Toro 33 State 1  
Section 33 T19S R35E  
Lea County, NM  
API No. 30-025-34423

**CURRENT**

KB - 3,703'  
GL - 3,695'

8/5/15; JLM

13 3/8" 54# J-55 STC @ 630'

9 5/8" 36/40# J-55 STC @ 5,298'

**Tubing Top to Btm: 406 ct. 2-3/8" 4.7#  
P-110 Mod Tbg, 6' RA marker sub, seal  
divider w/ 1.81" X Profile nipple, PLS pkr,  
1.875" XN nipple, 10' sub, 6' TCP mech.  
Release, TCP. PLS pkr @ 12,852'.**

TOC @ 10,830' by CBL

PLS packer @ 12,852'

Morrow 12,864'-12,878'

PBTD 13,103'  
TD 13,222'

5 1/2" 17# M-95/P-110 LTC @ 13,222'

