

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
NM OIL CONSERVATION
Energy Minerals and Natural Resources
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

¹ Operator Name and Address RKI EXPLORATION & PRODUCTION 210 PARK AVE, STE. 700, OKC, OK 73102		² OGRID Number 249289
		³ API Number 30-015-31185
⁴ Property Code 127700	⁵ Property Name GERONIMO 36 STATE COM	⁶ 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

¹¹ Work Type RECOMPLETION	¹² Well Type G	¹³ Cable/Rotary ROTARY	¹⁴ Lease Type S	¹⁵ Ground Level Elevation 3690'
¹⁶ Multiple NO	¹⁷ Proposed Depth 8548'	¹⁸ Formation WOLFCAMP	¹⁹ Contractor	²⁰ 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#	

²³ 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: *D.S. Hefner*

Approved Date: 9/3/15

Expiration Date:

Conditions of Approval Attached

Provide C102

Heather Brehm

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

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

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

*Tubing Top to Btm: 10,650' (est. 338 jts.)
2-3/8" 4.7# P-110 Mod Tbg, TAC, 8 jts 2-
3/8" tubing, MHD, 4' PS, 2 jt tbg MA.
EOMA @ 10,980', MHD @ 10,890', TAC @
10,650'.*

*Rod string: 1 1/2"x1 3/4"x20'x24' PR/Inr,
133 ct. (3,325') 7/8" WFT T66/XD rods
w/ SHC, 290 ct. (7,250') 3/4" WFT
T66/XD rods, 12 ct. (300') 1 1/4" Flexbar
C sinker bars, 1' lift sub, 2"x 1 1/4"x 26'
RHBC pump w/ 20' gas anchor*

TOC @ 10,830' by CBL

Tubing anchor @ 10,650'

Perf Wolfcamp 10,892'-11,036' OA

Set CIBP @ 12,775' w/ 4 sx cmt

Morrow 12,864'-12,878'

PBTD 13,103'
TD 13,222'

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

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'

