

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
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101
Revised July 18, 2013

NM OIL CONSERVATION
SANTA FE DISTRICT
SEP 03 2015
RECEIVED

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 248289 |
| ⁴ Property Code 303299 | | ³ API Number 30-025-34423 |
| ⁵ Property Name TORO 33 STATE | | 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 |
|----------|---------|----------|-------|---------|-----------|----------|-----------|----------|--------|
| G | 33 | 19S | 35E | | 1650 | NORTH | 1650 | EAST | LEA |

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 KLEIN RANCH; MORROW | Pool Code 96886 |
|----------------------------------|--------------------|

Additional Well Information

| | | | | |
|-----------------------------------------|----------------------------------------|----------------------------------------|-------------------------------|-----------------------------------------------|
| ¹¹ Work Type RECOMPLETION | ¹² Well Type G | ¹³ Cable/Rotary ROTARY | ¹⁴ Lease Type S | ¹⁵ Ground Level Elevation 3695' |
| ¹⁶ Multiple NO | ¹⁷ Proposed Depth 12775' | ¹⁸ Formation WOLFCAMP | ¹⁹ Contractor | ²⁰ Spud Date 12/16/1998 |
| 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 |
|--------|-----------|-------------|------------------|---------------|-----------------|---------------|
| CIBP | 7 7/8" | 5 1/2" | 17# | 12775' | 4 | 10830' |
| TUBING | | 2 3/8" | 4.7# | 10650' | | |

Casing/Cement Program: Additional Comments

PERF 10892'-11036'; STRING & RHBC 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 19.15.139 (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: <i>Dr. Wade</i> | |
| Title: <i>Dist. Supervisor</i> | |
| Approved Date: <i>9/3/2015</i> | Expiration Date: |
| Conditions of Approval Attached <i>Provide CIOZ</i> | |

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" x 1 3/4" x 20' x 24' 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'

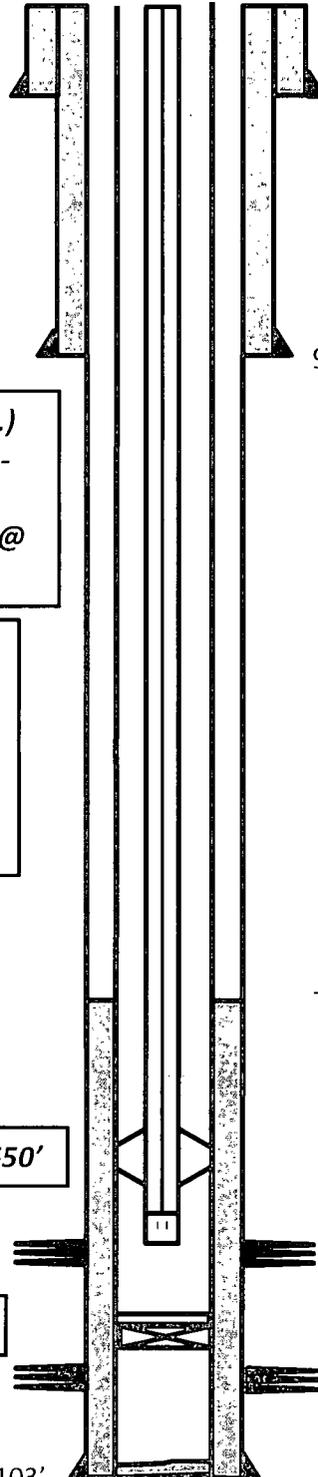
Perf Wolfcamp 10,892'-11,036' OA

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'

