

Submit 1 Copy To Appropriate District
Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

HOBBS
JUN 14 2018
RECEIVED
OIL CONSERVATION DIVISION
South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.	30-025-02757
5. Indicate Type of Lease STATE ☒ FEE ☐	
6. State Oil & Gas Lease No.	303290
7. Lease Name or Unit Agreement Name	STATE ETA
8. Well Number	002
9. OGRID Number	246289
10. Pool name or Wildcat	TOWNSEND; MORROW (GAS)

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well ☐ Gas Well ☒ Other	
2. Name of Operator	RKI EXPLORATION & PRODUCTION, LLC
3. Address of Operator	3500 ONE WILLIAMS CENTER MD 35 TULSA, OK 74172
4. Well Location Unit Letter <u>I</u> : <u>1980</u> feet from the <u>SOUTH</u> line and <u>660</u> feet from the <u>EAST</u> line Section <u>08</u> Township <u>16S</u> Range <u>35E</u> NMPM LEA County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	4,307' GR

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☒	REMEDIAL WORK ☐	INT TO P&A ☒
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P&A NR ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	P&A R ☐
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ☐		OTHER: ☐	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

RKI EXPLORATION & PRODUCTION, LLC RESPECTFULLY REQUESTS TO P&A THE ABOVE MENTIONED WELL.

THE WBD AND PROCESS ARE ATTACHED.

NOTIFY OCD 24 HOURS PRIOR TO
BEGINNING PLUGGING OPERATIONS

— PLEASE NOTE CHANGES —

Spud Date:

06/01/1969

Rig Release Date:

09/09/1969

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

Caitlin O'Hair
Caitlin O'Hair

TITLE

Permit Technician II

DATE

06/07/2018

Type or print name

E-mail address:

caitlin.ohair@wpenergy.com

PHONE:

539-573-3527

For State Use Only

APPROVED BY:

Mark Whitaker

TITLE

Petroleum Engr. Specialist

DATE

06/26/2018

Conditions of Approval (if any):

C103 INTENT TO P&A EXPIRES
1 YEAR FROM DATE OF APPROVAL

Current Completion

KB: 4037.0'

GL: 4025.0'

Datum: 12.0' above GL

Spud: 06/01/1969

Completed: 09/09/1969

State ETA #2

Current WB

Les Peeler 06/07/2018

API No: 30-025-02757

Sec. 8, 16 S, 35 E.
Lea Co. New Mexico
Townsend Morrow Field
Lease # F-704

13 3/8" (17 3/4" hole) to 350'
cmt'd w- 350 sxs. to surface

8 5/8" (11" Hole) 4,200' *4678'*
cmt'd w- 2200 sxs. to surface

5 1/2" (7 7/8" Hole) 17# P-110 & N-80 to 13,044'
cmt'd w- 425 sxs. to 12,765'

4 3/4" Liner (4" Hole) 12,886' - 13,363'
cmt'd w- 60 sxs. TOC @ 12,886'

PBTD: 11,900'

Tbg. @ 11,702'

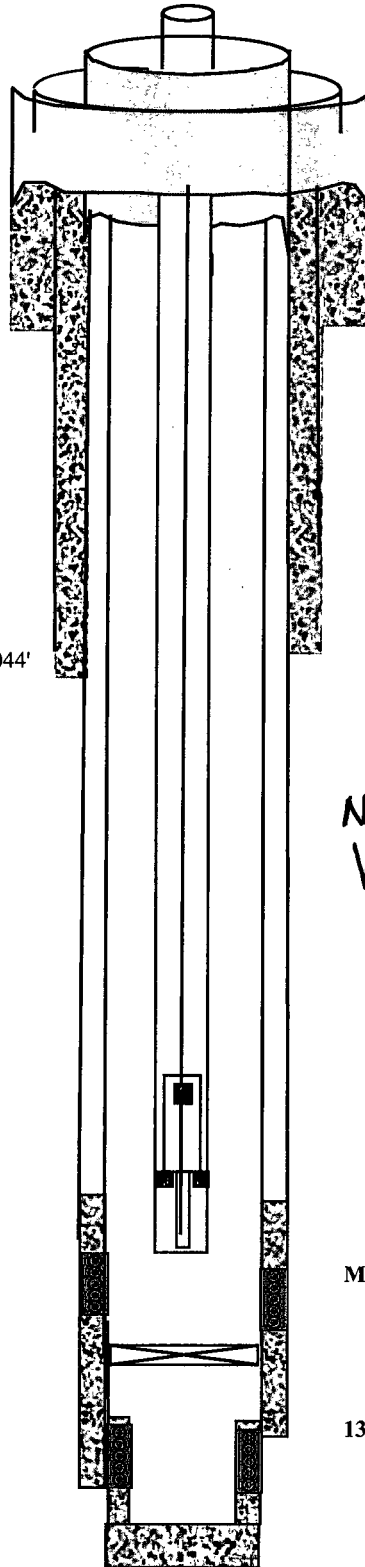
NOTE:
Whipstock @
6714'
CA 5 1/2 @ 6900'
ANHY ≈ 1520'

Morrow 11,770' - 11,786'

13,043' - 13,185'.

TD @ 13,363'

les@peeleroilfield.com



Proposed Plugged WBD

KB: 4037.0'

GL: 4025.0'

Datum: 12.0' above GL

Spud: 06/01/1969

Completed: 09/09/1969

400' CIRC

13 3/8" (17 3/4" hole) to 350'
cmt'd w- 350 sxs. to surface

1500'

1350'

8 5/8" (11" Hole) ~~4,200'~~ **4678'**
cmt'd w- 2200 sxs. to surface

4128'

4578'

5 1/2" (7 7/8" Hole) 17# P-110 & N-80 to 13,044'
cmt'd w- 425 sxs. to 12,765' **TOC**

~~Spud to 13,044' - 13,140'~~

~~Spud to 13,044' - 13,140'~~

4 3/4" Liner (4" Hole) 12,886' - 13,363'
cmt'd w- 60 sxs. TOC @ 12,886'

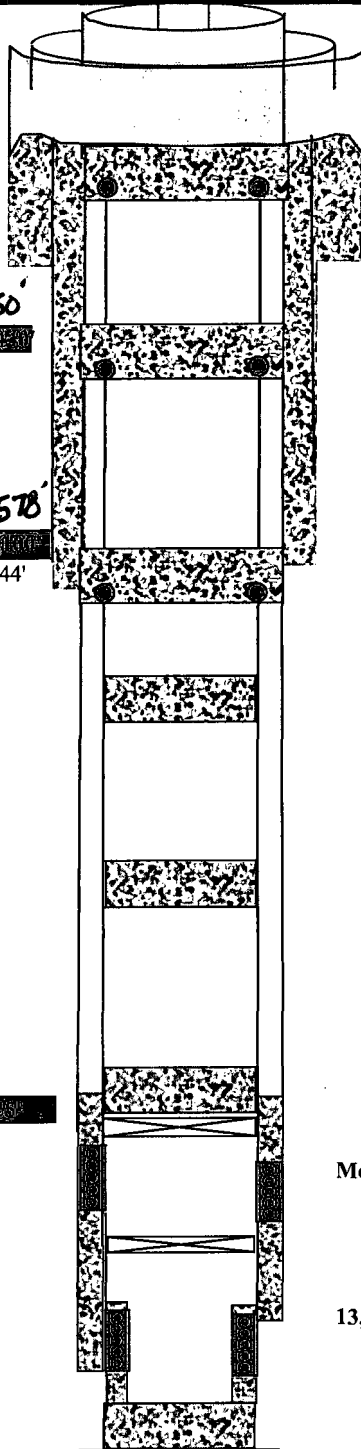
PBTD: 11,900'

**State ETA #2
Proposed WB**

Les Peeler 06/07/2018

API No: 30-025-02757

Sec. 8, 16 S, 35 E.
Lea Co. New Mexico
Townsend Morrow Field
Lease # F-704



Morrow 11,770' - 11,786'

13,043' - 13,185'

TD @ 13,363'

les@peeleroilfield.com



State ETA #2 Plug and Abandon Procedure

Townsend Morrow Field

Section 8, 16S, 35E
Lea Co., New Mexico

API # 30-025-02757
Lease # F-704

Spud Date: 06/01/1969
TD Date: 09/09/1969

Producing Formations:
Morrow: 11,770' – 11,786'

KB Elev: 4,037'
GL Elev: 4,025'
TD: 13,363'
PBTD: 11,900'
Marker Joint: N/A

CASING SUMMARY:

Safety Factor = 80% of new applied to burst, collapse and tension parameters in table.

Size	Depth (ft)	Weight (#/ft)	Grade psi	Connection Type	Capacity (bbls/ft)	ID (in)	Drift (in)	Burst (psi)	Collapse (psi)	Tension (lbs)
13 3/8"	350'	54.5 #	n/a	n/a	.1546	n/a	n/a	n/a	n/a	n/a
8 5/8"	3,317'	32 #	n/a	n/a	.0609	n/a	n/a	n/a	n/a	n/a
5 1/2"	7,506'	17 #	n/a	n/a	.0232	n/a	n/a	n/a	n/a	n/a
4 1/2" Liner	12,886' – 13,363'	10.5 #	n/a	n/a	.0159	n/a	n/a	n/a	n/a	n/a

Surface: 13 3/8": 0'-350' – TOC @ surface w-350 sxs
Production: 8 5/8" 0'- 4,200' – TOC @ surface w- 2200 sxs.
Production 5 1/2" : 0'- 13,044' -TOC @ 12,765' w- 425 sxs,
Production: 4 1/2" Liner: 12,886' – 13,363' TOC @ 12,886' w-60 sxs.

COMPLETION HISTORY TO DATE:

OBJECTIVE: Plug and abandon.

WPX REQUIRES THAT HARD HATS, STEEL TOE BOOTS, FIRE RETARDANT CLOTHING, AND SAFETY GLASSES BE WORN ON LOCATION.

HOLD SAFETY MEETING PRIOR TO COMMENCING PERFORATING, WIRE LINE AND PUMPING OPERATIONS

NO IGNITION SOURCES WITHIN 100 FT OF THE WELLHEAD, FLOWBACK TANKS OR MANIFOLD.

PROCEDURE:

- 1) Test safety anchors and replace as necessary.
- 2) MIRU Service Unit. Deliver, unload and tally 12,000' 2-3/8" 4.7# J-55 EUE work string.
- 3) Press. test tbg. if it holds – use existing tbg. as workstring. Pull pump off seat & LD rods. NDWH NUBOP TOO H w- tbg., stand back in derrick if tbg. holds & lay dn. if tbg. does not hold.
- 4) MI RU wireline unit. Run 5 1/2" GR/JB to 11,670'
- 5) RIH w- 5 1/2" tbg. conveyed CIBP & set @ 11,670' – PU 1 jt. Circulate 278 bbls. heavy mud. Press. test csg. to 500#. Spot 25 sxs. Class "H" cmt. on top to 11,425' & flush with heavy mud.
- 6) POOH & LD tbg. to 8,425'
- 7) ~~Spot 30~~ ^{Perf 40} sxs. Class "H" cmt. from 8,425' – 8,140'. — PERF & SQZ w/ 40 SX WOC & TAG
- 8) POOH & LD tbg. to 5,425'
- 9) ~~Spot 30~~ ^{Perf 40} sxs. class "C" from ~~5,425'~~ ^{6500'} – ~~5,140'~~ — PERF & SQZ w/ 40 SX WOC & TAG
- 10) POOH & stand back 4,250' of tbg. & LD rest.
- 11) RU WL & Perforate @ ~~4,250'~~ ^{4728'} (50' below 8 5/8" shoe)
- 12) RIH w- Pkr & tbg. – set Pkr. – Establish pump rate. Squeeze 70 sx Class C Cement (14.8 ppg, 6.3 gps, 1.32 cfs yield) from ~~4,250'~~ ^{4728'} to ~~4,100'~~ ^{4578'} (50' below & 100' above shoe).
- 13) WOC & Tag – Tag @ ~~4,100'~~ ^{4578'}
- 14) POOH & LD tbg. to 2,590'.
- 15) RU WL & Perforate @ ~~2,590'~~ ^{1500'}
- 16) RIH w- Pkr & tbg. – set Pkr. – Establish pump rate. Squeeze 70 sx Class C Cement (14.8 ppg, 6.3 gps, 1.32 cfs yield) from ~~2,590'~~ ^{1500'} to ~~2,440'~~ ^{1350'} (to cover salt @ 2,540'). TOP OF SALT
- 17) WOC & Tag – Tag @ ~~2,440'~~ ^{1350'}
- 18) LDD tbg.
- 19) RU WL & Perforate @ ~~150'~~ ^{400'}
- 20) RIH w- Pkr & tbg. – set Pkr. – Establish pump rate. Squeeze ~~100 sx~~ Class C Cement (14.8 ppg, 6.3 gps, 1.32 cfs yield) from ~~150'~~ ^{400'} to surface. INSIDE/OUTSIDE 5 1/2
- 21) ~~WOC & Tag – Tag @ 651'~~
- 22) RDMO Service Unit. RDMO Cementers.
- 23) MIRU Welder. Cut-off casing head. WO cap with well name and number, operator name, and date.
- 24) Pull safety anchors, dress, and reclaim surface location if necessary.

WPX Contact List:

WPX	Title	Ofc.	Cell
Justin Warren	Production Superintendent	575-885-7525	701-421-7324
Steve Bernhardt	Permian Production Engineer	539-573-3548	918-671-0683
Brad Ballinger	Permian Production Engineer	539-573-0135	303-928-0799
Bailey Nett	Permian Production Engineer	539-573-2547	505-386-8974
Brittani Vegher	Permian Production Engineer		918-600-8645
Josh Walker	Regulatory Specialist	539-573-0108	580-716-0330
Les Peeler	Plugging Consultant	405-659-5185	405-318-4726

Emergency Contacts – New Mexico:

Hospital: Carlsbad Medical Center (575) 887-4100
2430 W. Pierce St., Carlsbad, NM 88220

Sheriff's Office: Lea County Sheriff Dept (575) 396-3611
Eddy County Sheriff Dept (575) 887-7551

Emergency Contacts – Texas:

Hospital: Reeves County Hospital (432) 447-3551
2323 Texas St, Pecos TX 79772

Sheriff's Office: Reeves County Sheriff Dept (432) 445-4901
Loving County Sheriff Dept (432) 377-2411