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

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

WELL API NO.
30-045-31592

5. Indicate Type of Lease
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

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.)

7. Lease Name or Unit Agreement Name
Ripley 26

8. Well Number 4

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

2. Name of Operator
Enduring Resources

9. OGRID Number 372286

3. Address of Operator
332 Road 3100 Aztec, NM 87410

10. Pool name or Wildcat
Basin Fruitland Coal

4. Well Location
Unit Letter F : 2230 feet from the N line and 1790 feet from the W line
Section 26 Township 32N Range 13W NMPM County San Juan

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
5913 GL

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

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

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.

12/11/2017 TOH, LD rods, sinker bars. 8 sinker bars, 6 bent. Rods, sinker bars full of scale.
ND WH, unable to get tbg hgr unseated, severe rust.

OIL CONS. DIV DIST. 3
JAN 22 2018

12/12/2017 Pump 1 drum H2S scavenger down csg. Pump 1 drum H2S scavenger down tbg. Wait 30 min
Remove WH. Unseat tbg hgr, install new.
Install mud cross, BOP. Test BOP (250 psi low - 1500 psi high for 5 min each). Test good
Pull tbg, TIH, tag (no fill). TOH standing back tbg. MS jt plugged w/coal fines.
Run tbg PU & TIH w 4.75in bit, csg scraper. TIH to PBTD. Tag no fill. Pull tbg TOH, LD tbg, scraper, bit.
Spot in WL equip. SDFN.

Spud Date: 04/26/2003 Rig Release Date:

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

SIGNATURE April E Pohl TITLE Regulatory Specialist DATE 1/22/2018

Type or print name April E Pohl E-mail address: apohl@enduringresources.com PHONE: 505-636-9722

For State Use Only

APPROVED BY: TITLE Deputy Oil & Gas Inspector, District #3 DATE 2/6/17

Conditions of Approval (if any):

5

12/13/2017 RU WL lubricator. Run GR/CCL log from 2137ft to surface.
Correlate depths OH logs. RIH perf guns. Get on depth. Rig pump frozen, thawed
Pump 10 bbls KCl fluid down csg. Perf FRLDC in single gun run as follows:
1994 - 1996; 1898 - 1900; 1884 - 1888; 1877 - 1879; 1809 - 1811; 1782 - 1784. 3 spf, 48 holes. RD WL
Run tbg MU pkr/sleeve assembly 3.5in P110 frac string. SD, WO on change out power tongs
Power tongs won't achieve proper MU torque for 3.5in frac string. Change out tongs
PU, TIH 15 jts frac string. SD, WO new elevators. Elevator latch slipping. PU frac string.
Latch staying closed but unlocking. New elevators to be delivered. Run tbg, PU, TIH w frac
Continue PU, TIH frac string using new elevators. Space out, get pkr - sleeve assembly on depth.
Set top pkr. Pump 10 bbls KCl fluid down annulus. Install TIW valve. SDFN.

12/14/2017 Note pkr, sleeve setting depths on final report after setting all pkrs, completing pressure tests
Set hydraulic pkrs. 1st pkr set @ 1000 psig. 2nd pkr set @ 1200 psig. Increase pressure to 5000psig
Test frac string 5000 psig 18 minutes. Test good. Release pressure. Remove BOPs, ND BOP. Flow cross
Install WH, NU frac stack. PT frac stack, frac string 5000 psig. Top flange leaked. Release pressure.
Replace ring gasket. Re-test frac stack, frac string 5000 psig for 30 minutes. Test good
RIH spear, knock at ceramic disc in bottom of frac string. RDMO. Final prep work report.

1/1/2018 MIRU frac equip. NU valves frac stack for balls. Prime, pressure test lines,frac stack 5000 psig, test good.
Frac lower FC perfs 1994ft - 2032ft down 3.5in frac string. Load, break 1282 gal water. Pump 500
gal 15% HCl. Pump 29,057 gal Water-Frac G 20lb linear gel, 68,601 gal Delta 140 20lb XL gel carrying
170,550 lbs 20/40 Brady sand.
3, 4, 5 ppg stages coated w/SandWedge NT. Max rate 30.6 BPM, max STP 2,854 psig, avg rate 30.0 BPM,
avg STP 1,959 psig, max sand conc 5 ppg. Flushed w/1,210 gal Water Frac G (10 bbls past btm perf,
clear frac string to ensure good ball drop & sleeve shift). ISIP. 567 psig (FG = 0.72 psi/ft).
Drop 1.900in frac ball. Displace ball to sleeve water @ 2 BPM. Sleeve shifted. Max pressure 2106 psig
Frac middle FC perfs 1876ft - 1900ft down 3.5in frac string. Load, break w 446 gal water.
Pump 500 gal 15% HCl. Pump 12,647 gal Water-Frac G 20lb linear gel, 28,617 gal Delta 140 20lb XL gel
carrying 65,750 lbs 20/40 Brady sand. 3, 4, 5 ppg stages coated w/SandWedge NT. Max rate 30.6 BPM,
max STP 2,802 psig, avg rate 29.9 BPM, avg STP 2,762 psig, max sand conc 5 ppg. Flushed w/1094 gal
Water Frac G (10 bbls past sleeve, clear frac string ensure good ball drop, sleeve shift).
ISIP 1,288 psig (FG =1.12 psi/ft).
Drop 2.048in frac ball. Displace ball to sleeve water @ 2 BPM. Sleeve shifted. Max pressure 2770 psig
Frac upper FC perfs 1780ft - 1812ft down 3.5in frac string. Load, break 1306 gal water.
Pump 500 gal 15% HCl. Pump 11,016 gal Water-Frac G 20lb linear gel, 23,684 gal Delta 140 20lb XL gel
carrying 50,660 lbs 20/40 Brady sand.
3, 4, 5 ppg stages coated w/SandWedge NT. Max rate 30.4 BPM, max STP 3,525 psig, avg rate 29.8 BPM
avg STP 2929 psig, max sand conc 5 ppg. Flushed 1072 gal Water Frac G (10 bbls past sleeve,
clear frac string, TCA for packer retrieval). ISIP 1297 psig (FG =1.12 psi/ft). RDMO.

1/11/2018 MIRU, ND Frac stack, NU BOP
Release pkrs, pull 55K, pkrs came free (all 3 pkrs released). TOH, LD 3.5in tbg hngr. Try to TOH
3.5in tbg. Unable to TOH (suspected sand bridge atop one pkr. Limited movement; 3ft up, down.
Pumped 10 bbls wtr down tbg, 10 bbl down csg - try to flush sand. Work frac string, no luck.
Pump 55 gal H2S scavenger down csg and 25 gal H2S scavenger down tbg as precaution. SDFN.

1/12/2018 MIRU WL, RIH spud bars, knock out balls from frac sleeves, try TOH w pkrs, no luck. MU freepoint tool
RIH freepoint tool, indicate free pipe just abv 2nd pkr, stuck pipe below same pkr
MU 1.78in chem cutter, RIH cutter 1884ft, fire cutter @1884ft, POOH WL. Work pipe, break cut, pull
65K lbs over. Pipe came loose. TOH, LD 3.5in tbg, all 3 pkrs, all tools, pipe on surf. SDFWE.

1/15/2018 Chg rams on BOP 3.5in to 2.685in. RIH, tag fill at 2060ft
CO air foam unit, pumping 8 BPH 1 gal foam, 1 gal inhibitor/hr, returns 10 BPH, sm amt coal fines
Pumping at 350lb, CO down to 2122ft, rotating on something hard
Pumping 8 BPH w 8 BPH returns, pump psi 325lb, sm amt sand
Pumping 8 BPH w 10 BPH returns, pump psi 325lb, sm amt sand
Shut off mist, dry up WB, POOH 5 stds tbg to get above top perfs. SDFN.

1/16/2018 TIH ck for fill. Tag fill at 2148ft (2ft fill), TOH bit & tbg.
Run Tubing MU BHA, TIH with BHA. BHA consists of:
2875in BP 1 - 8ft 2.875in pup jt 1 - 24ft 2.875in sand screen 1 - 4ft 2.875in pup jt

1 - SN 64 jts 2.875in tbg, wt 4.70lbs, J-55 EOT @ 2117ft. SN @ 2077ft.

ND BOP, NU WH, RU swab lubr, 8 runs from SN @ 2077ft . Final 2 runs dirty water, no solid material.

RD lubricator. RIH pump, rods. Seat pump, load hole, test tbg 500 psi, test good.

Long stroke pump 500 psi, test good. SDFN.

Rod string consists of:

2.5in x 2in x 16ft RWAC pump	1- 1.875in pony rod	1- 1.5in sinker bar
7 - 1.5in sinker bars w rollers	10 - 8ft-.875in pony rods w rollers	
67 - .875in guided rods	2 - .875in plain rods	1 - 8ft x .875in pony rod
1 - 6ft x .875in pony rod	1 - 26ft x 1.25in polish rod	

1/17/2018 Space out pump, hang horse head, hang rods w bridle on horse head. RDMO.

WellView

Schematic - Current

Well Name: Ripley 26-4

API/UWI	Surface Legal Location	Field Name	License #	State/Province	Well Configuration Type
3004531592		Basin(New Mexico)	000000	New Mexico	Land
Original KB Elevation (ft)	**KB-Tubing Head Distance (ft)**	**Spud Date**	**Rig Release Date**	**PBTD (All) (ftKB)**	**Total Depth All (TVD) (ftKB)**
5,928.00		4/26/2003 00:00		Original Hole - 2,150.0	Original Hole - 2,211.9

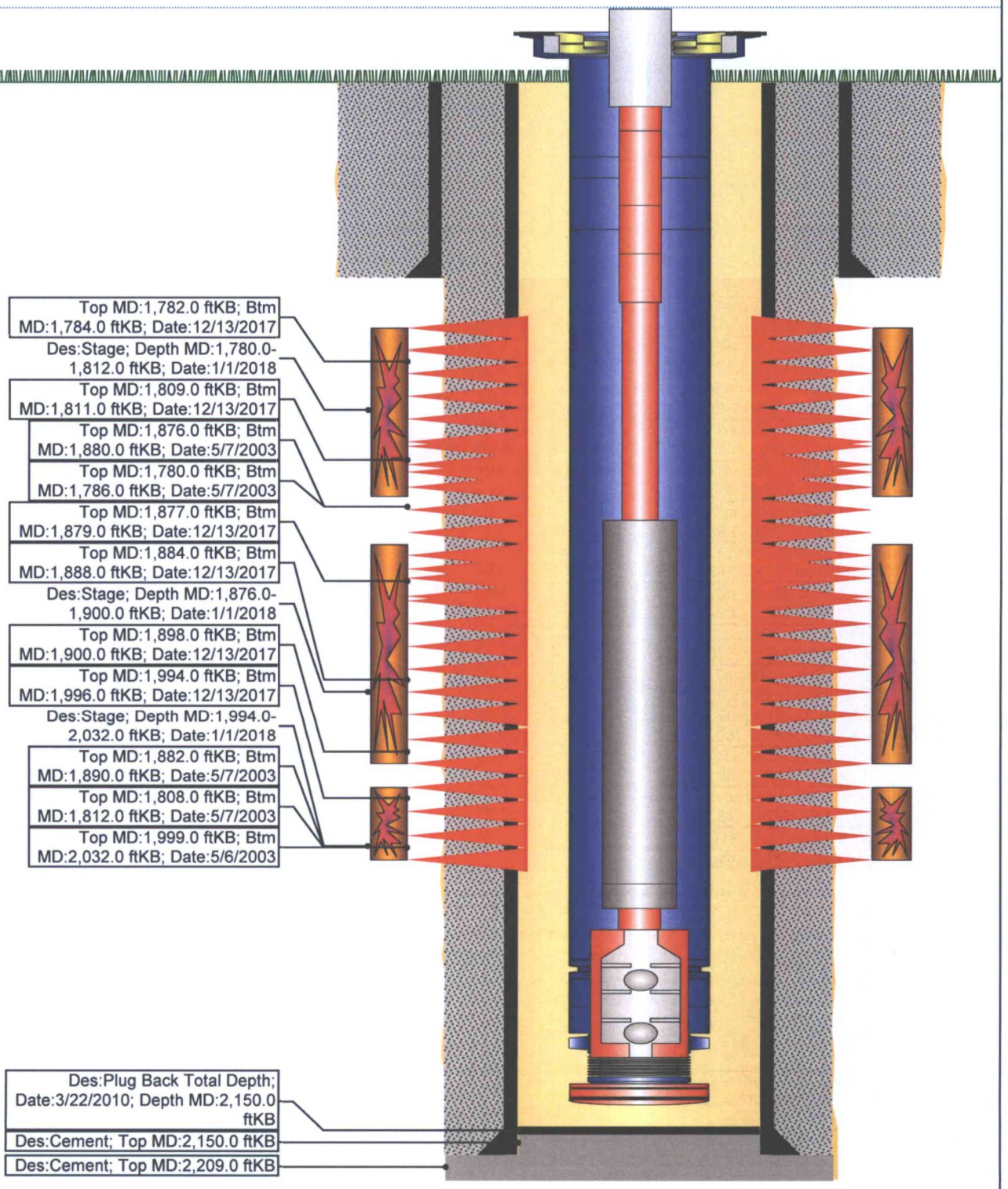
Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Start Date	End Date
Completion/Workover	Recompletion	Refrac	12/11/2017	1/17/2018

TD: 2,212.0

Land, Original Hole, 1/22/2018 7:02:10 AM

MD (ftKB)	TVD (ftKB)	Vertical schematic (actual)
8.5		
11.2		
11.5		
15.1		
34.4		
40.7		
42.7		
44.9		
48.6		
50.9		
98.8		
365.2		
1,773.6		
1,779.9		
1,782.2		
1,784.1		
1,786.1		
1,808.1		
1,809.1		
1,811.0		
1,812.0		
1,862.9		
1,876.0		
1,877.0		
1,878.9		
1,879.9		
1,881.9		
1,883.9		
1,888.1		
1,890.1		
1,898.0		
1,899.9		
1,994.1		
1,996.1		
1,999.0		
2,032.2		
2,049.9		
2,075.1		
2,076.1		
2,077.4		
2,078.7		
2,083.0		
2,091.5		
2,091.9		
2,115.8		
2,117.1		
2,149.9		
2,209.0		
2,211.9		



WellView

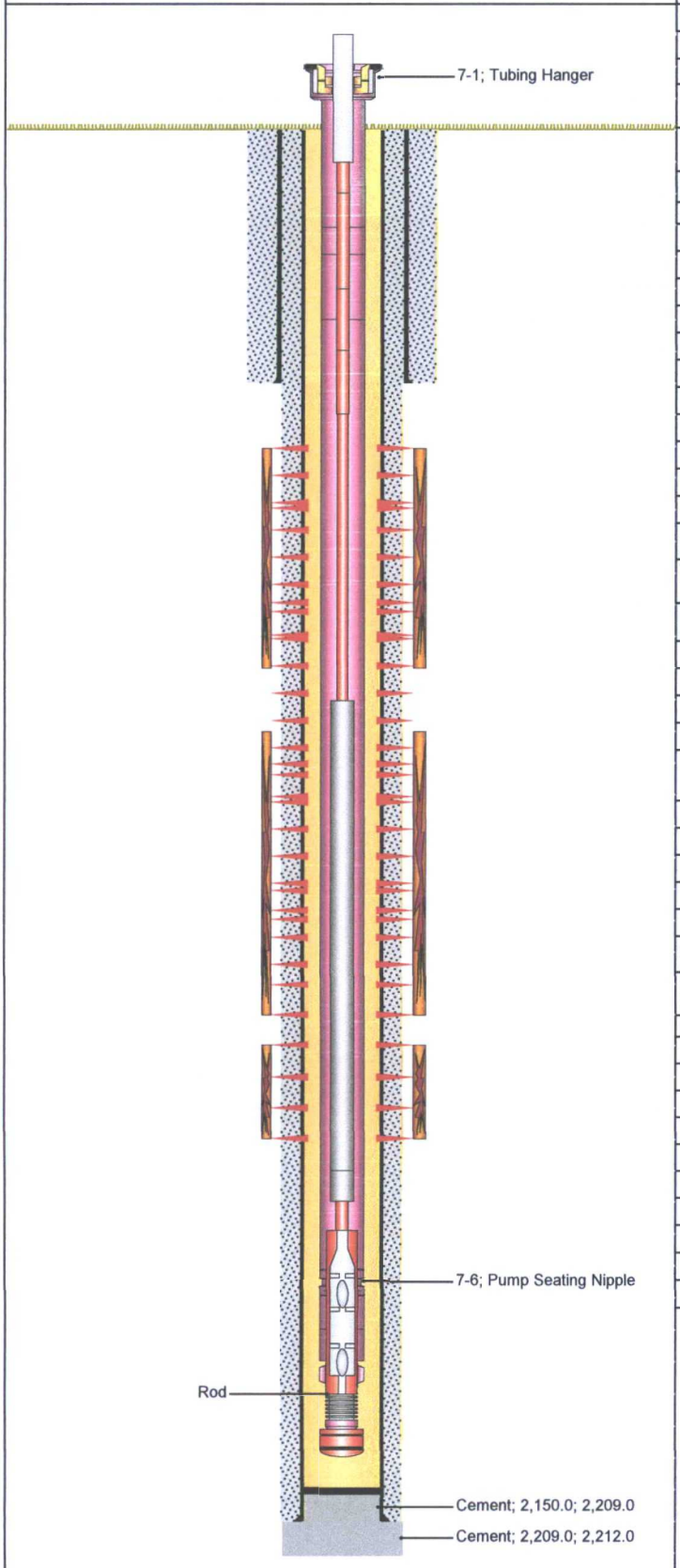
ERC - Current WBD

Well Name: Ripley 26-4

API/UWI	Surface Legal Location	Field Name	License #	State/Province	Well Configuration Type
3004531592		Basin(New Mexico)	000000	New Mexico	Land
Original KB Elevation (ft)	**KB-Tubing Head Distance (ft)**	**Spud Date**	**Rig Release Date**	**PBTD (All) (ftKB)**	**Total Depth All (TVD) (ftKB)**
5,928.00		4/26/2003 00:00		Original Hole - 2,150.0	Original Hole - 2,211.9

Land, Original Hole, 1/22/2018 8:38:34 AM

Vertical schematic (actual)



Casing Strings

Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Top Thread	Top (ftKB)	Set Depth (ftKB)
Surface	8 5/8	24.00	J-55		15.0	365.0
Production Casing	5 1/2	15.50	J-55		15.0	2,209.0

Cement

Description	Comment
Surface Casing Cement	260 sx Class B, circ 22 bbls to surface
Production Casing Cement	340 sx FM LITE, circ 29 bbls to surface

Perforations

Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)
5/7/2003	1,780.0	1,786.0	4.0
12/13/2017	1,782.0	1,784.0	3.0
5/7/2003	1,808.0	1,812.0	4.0
12/13/2017	1,809.0	1,811.0	3.0
5/7/2003	1,876.0	1,880.0	4.0
12/13/2017	1,877.0	1,879.0	3.0
5/7/2003	1,882.0	1,890.0	4.0
12/13/2017	1,884.0	1,888.0	3.0
12/13/2017	1,898.0	1,900.0	3.0
12/13/2017	1,994.0	1,996.0	3.0
5/6/2003	1,999.0	2,032.0	4.0

Tubing Strings

Tubing Description	Run Date	String Length (ft)	Set Depth (ftKB)
Tubing - Production	1/16/2018	2,106.00	2,117.0

Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)	Grade	Wt (lb/ft)
1	Tubing Hanger	4.9	0.50	11.0	11.5		
1	Tubing	2 7/8	31.30	11.5	42.8	J-55	6.50
1	Tubing	2 7/8	2.00	42.8	44.8	J-55	6.50
1	Tubing	2 7/8	6.00	44.8	50.8	J-55	6.50
65	Tubing	2 7/8	2,026.70	50.8	2,077.5	J-55	6.50
1	Pump Seating Nipple	2 7/8	1.10	2,077.5	2,078.6		
1	Tubing	2 7/8	4.40	2,078.6	2,083.0	J-55	6.50
1	Tubing	2 7/8	8.40	2,083.0	2,091.4	J-55	6.50
1	Wirewrap Screen	2 7/8	24.50	2,091.4	2,115.9		
1	Bull Plug	2 7/8	1.10	2,115.9	2,117.0		

Rod Strings

Rod Description	Run Date	String Length (ft)	Set Depth (ftKB)
Rod	1/16/2018	2,083.41	2,092.0

Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
1	Polished Rod	1 1/4	26.00	8.6	34.6
1	Sucker Rod	7/8	6.00	34.6	40.6
1	Sucker Rod	7/8	8.00	40.6	48.6
2	Sucker Rod	7/8	50.00	48.6	98.6
67	Sucker Rod	7/8	1,675.00	98.6	1,773.6
10	Sucker Rod	3/4	89.37	1,773.6	1,863.0
7	Sinker Bar	1 1/2	187.04	1,863.0	2,050.0
1	Sinker Bar	1 1/2	25.00	2,050.0	2,075.0
1	Sucker Rod	7/8	1.00	2,075.0	2,076.0
1	Rod Pump	2	16.00	2,076.0	2,092.0