

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

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

WELL API NO. 30-025-22387
5. Indicate Type of Lease STATE ☒ / FEE ☐
6. State Oil & Gas Lease No. 312507
7. Lease Name or Unit Agreement Name BRIDGES STATE
8. Well Number 125
9. OGRID Number 298299
10. Pool name or Wildcat VACUUM; MIDDLE PENN
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4016 GR

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-104) FOR SUCH PROPOSALS.)

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

2. Name of Operator
CROSS TIMBERS ENERGY, LLC

3. Address of Operator
400 WEST 7th STREET, FORT WORTH, TX 76102

4. Well Location
Unit Letter H : 2180 feet from the N line and 660 feet from the E line
Section 14 Township 17S Range 34E NMPM County LEA

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☒ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
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.

RE-FRAC EXISTING PAY
PULL RODS, PUMP AND TUBING
VERIFY CASING INTEGRITY
RE-FRAC PREMIER SANDS
RETURN TO PRODUCTION

SEE ATTACHED WELLBORE SCHEMATIC AND PROCEDURE DETAILS.

Spud Date: 01/11/1968

Rig Release Date: 02/20/1968

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

SIGNATURE Laura Stone TITLE Regulatory Compliance DATE 11/18/2014

Type or print name LAURA STONE E-mail address: rgrigg@mspartners.com PHONE: 817-334-7842

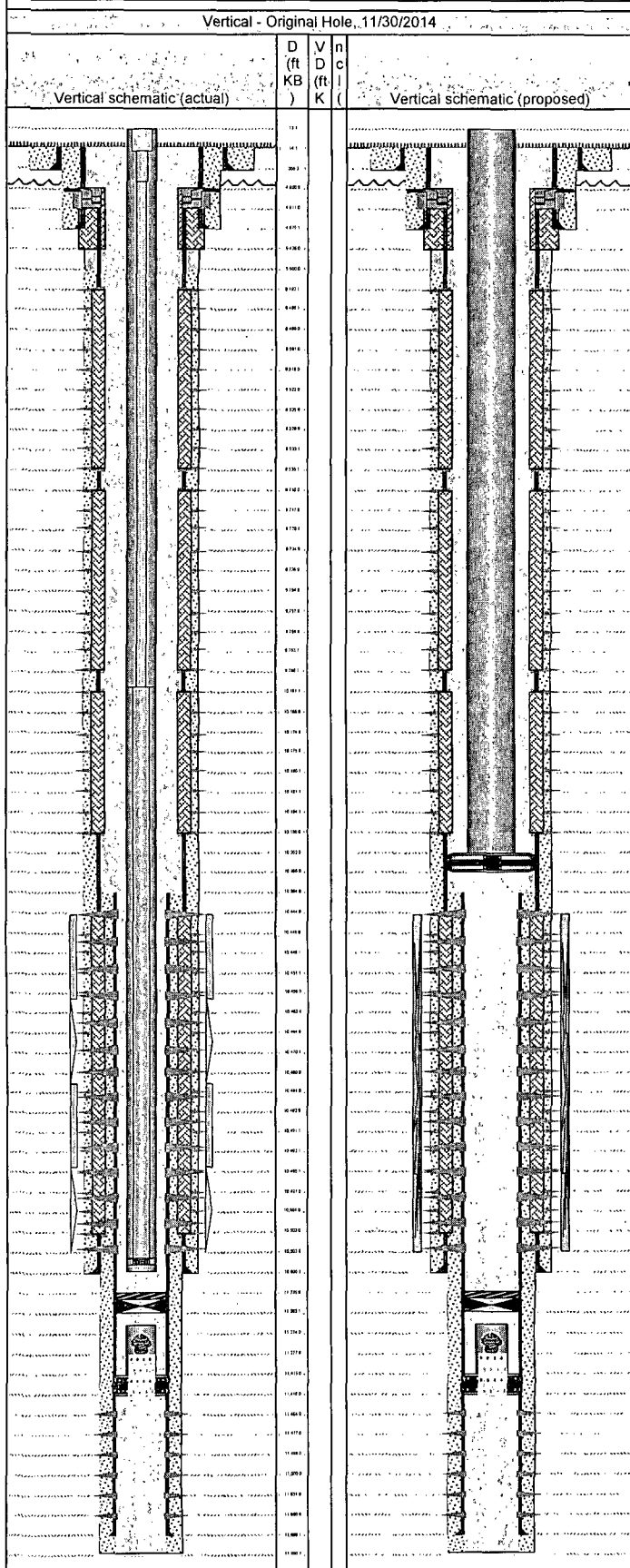
For State Use Only
APPROVED BY: Mary Brown TITLE Dist. Supervisor DATE 12/3/2014
Conditions of Approval (if any):

AFTER RETURNING THIS WELL TO PRODUCTION:
OCD requires form C-103 with dates and description of work done. Also form C-104 with Transports, Perfs producing from, Tubing size & Depth, and 24 hour production test.

DEC 03 2014

Proposed Schematic & Details

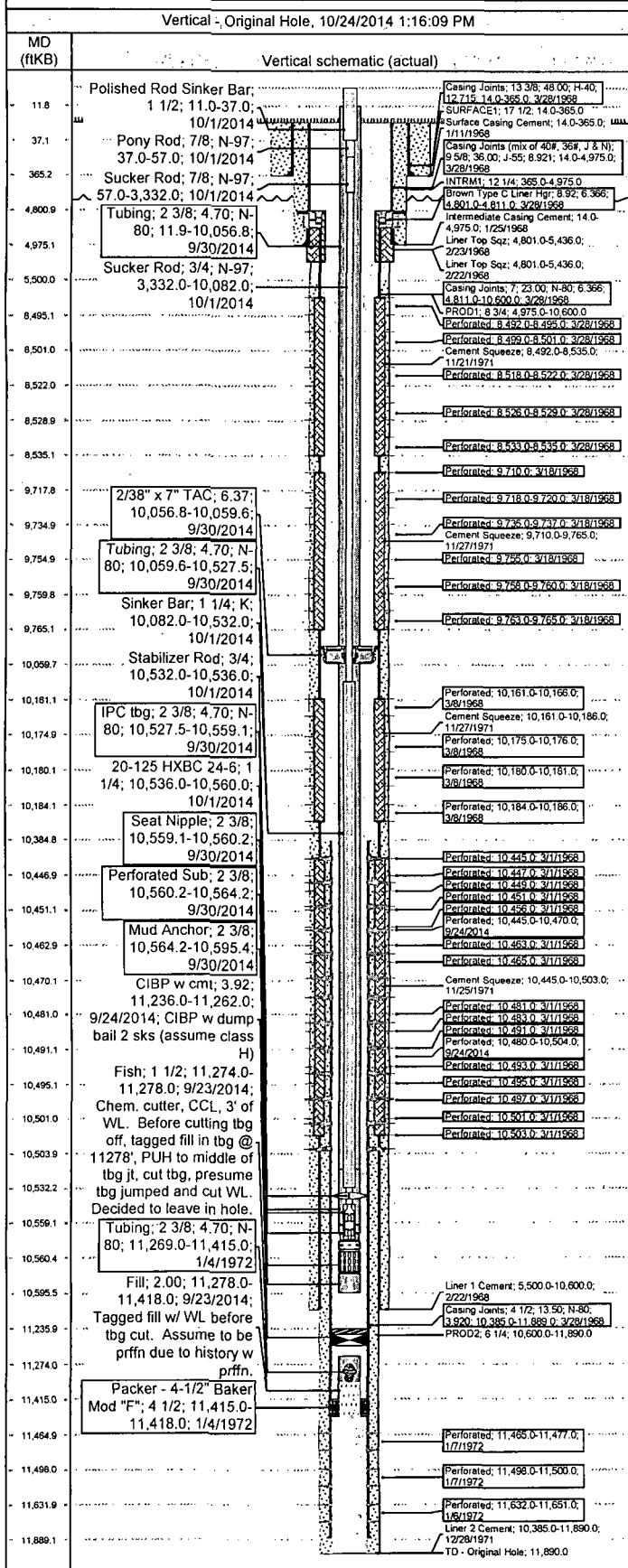
Well Name BRIDGES STATE 125		API/UWI 3002522387		County Lea		State/Province New Mexico		Field Name VACUUM N	
Location 2180 FNL & 660 FEL				Township 17S	Range 34E	Section 14	Latitude (°) 32° 24' 2.844" N	Longitude (°) 103° 31' 27.624" W	
Section Survey		Block		Township		Abstract			
Original KB Elevation (ft) 4,038.00		Ground/Corrected Ground Elevation (ft) 4,024.00		KB-Ground Distance (ft) 14.00		Spud Date			



Jobs							
<jobtyp>, <dtmstart>							
Type	Planned Start Date		Objective				
Wellbore Sections							
Section Des	Wellbore Name	Size (in)	Act Top (ftKB)	Act Btm (ftKB)	Start Date		
Cement Stages							
Description	Top (ftKB)	Btm (ftKB)	Top Meas Meth	Comment			
Perforations							
Top (ftKB)	Btm (ftKB)	Shot Dens (shot s/ft)	Date	Zone	Calculated Shot Total		
Stim/Treat Stages							
Type	Start Date	Top (ftKB)	Btm (ftKB)	Com			
Hydraulic Fracture	11/30/2014	10,445.0	10,504.0	Proposed frac			
Other In Hole							
Des	Com	OD (in)	Run Date	Top (ftKB)	Btm (ftKB)		
Frac String set at 10,355.0ftKB on 11/30/2014 00:00							
Set Depth (ftKB)	Comment	Run Date	Pull Date				
10,355.0		11/30/2014					
Item Des	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Jts	Top (ftKB)	Btm (ftKB)
Tubing	3 1/2	9.30	L-80	10,339.00	258	13.0	10,352.0
10k Treating pkr	6 3/8			3.00	1	10,352.0	10,355.0
<des> on <dtmrun>							
Rod Description							
Item Des	OD (in)	Grade	Jts	Len (ft)			

Schematic & History

Well Name BRIDGES STATE 125	API/UWI 3002522387	County Lea	State/Province New Mexico	Field Name VACUUM N
Location 2180 FNL & 660 FEL	Township 17S	Range 34E	Section 14	Latitude (°) 32° 24' 2.844" N
Section Survey	Block 	Township 	Abstract 	Longitude (°) 103° 31' 27.624" W
Original KB Elevation (ft) 4,038.00	Ground/Corrected Ground Elevation (ft) 4,024.00	KB-Ground Distance (ft) 14.00	Spud Date 	



Jobs

Type	Start Date	Summary
INITIAL COMPLETION	1/11/1968	D&C Pen producer. Perf M. Penn, A. & S. twice. Perf U. Penn, A. & S., sqz M. Penn perfs, re-shoot same depths, A. & S. three more times. Perf WC, A. & S. Perf Abo, A. & S. A.Frac Abo, POP Abo only.
Drilling Deepen/Liner	11/18/1971	Sqz Abo, Wfcp, U Penn, M Penn, deepen to Morrow, cement liner, perf, and produce Morrow up tbg.
Swab	5/11/2009	
Swab	9/17/2009	
Swab	5/11/2010	
Swab	6/1/2010	
Swab	12/7/2010	
Swab	2/15/2011	
Swab	8/5/2011	
Swab	9/27/2011	
Swab	9/2/2013	
Recompletion	9/22/2014	

Wellbore Sections

Section Des	Wellbore Name	Size (in)	Act Top (ftKB)	Act Btm (ftKB)	Start Date
SURFACE1	Original Hole	17 1/2	14.0	365.0	1/11/1968
INTRM1	Original Hole	12 1/4	365.0	4,975.0	1/25/1968
PROD1	Original Hole	8 3/4	4,975.0	10,600.0	2/21/1968
PROD2	Original Hole	6 1/4	10,600.0	11,890.0	12/27/1971

Surface 365.0 ftKB 3/28/1968

Comment

OD (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Des
13 3/8	48.00	H-40	14.0	365.0	351.00	Casing Joints

Intermediate 4,975.0 ftKB 3/28/1968

Comment

OD (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Des
9 5/8	36.00	J-55	14.0	4,975.0	4,961.00	Casing Joints (mix of 40#, 36#, J & N)

Liner 10,600.0 ftKB 3/28/1968

Comment

OD (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Des
8,921			4,801.0	4,811.0	10.00	Brown Type C Liner Hgr
7	23.00	N-80	4,811.0	10,600.0	5,789.00	Casing Joints

Liner 11,889.0 ftKB 3/28/1968

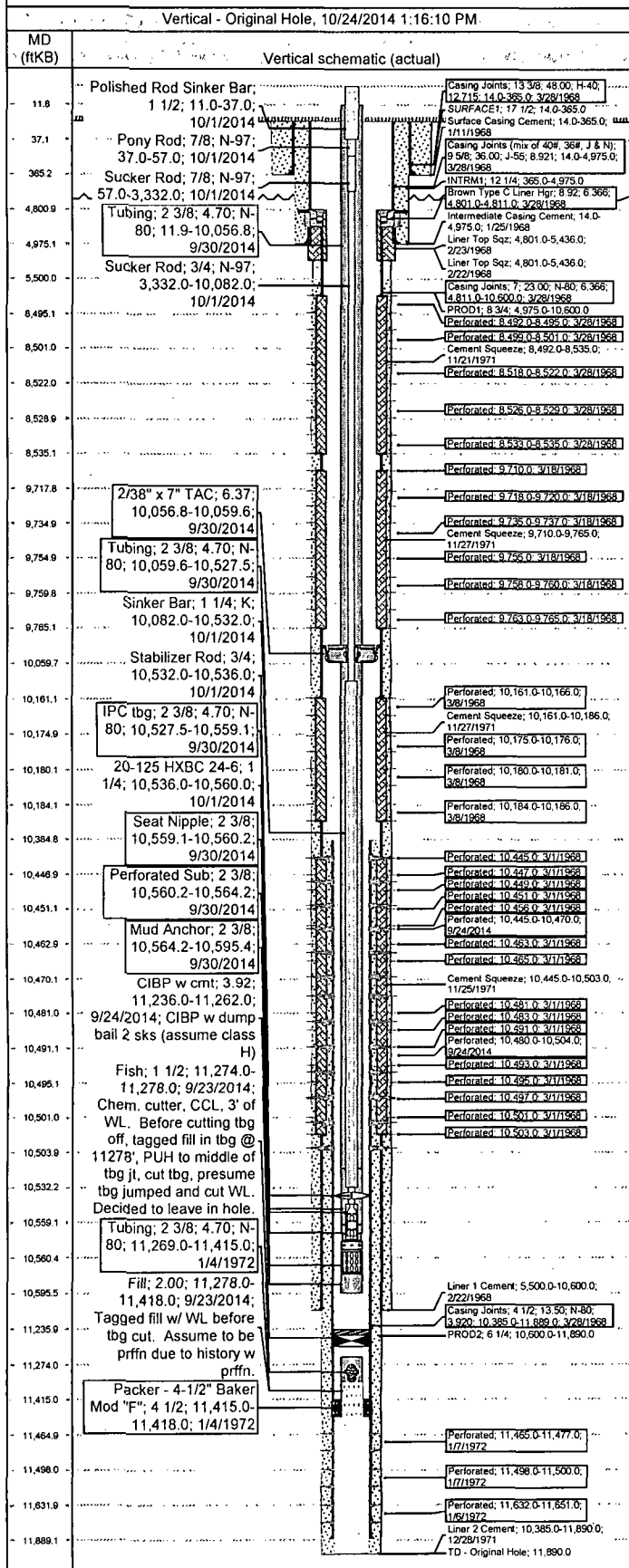
Comment

OD (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Des
4 1/2	13.50	N-80	10,385.0	11,889.0	1,504.00	Casing Joints

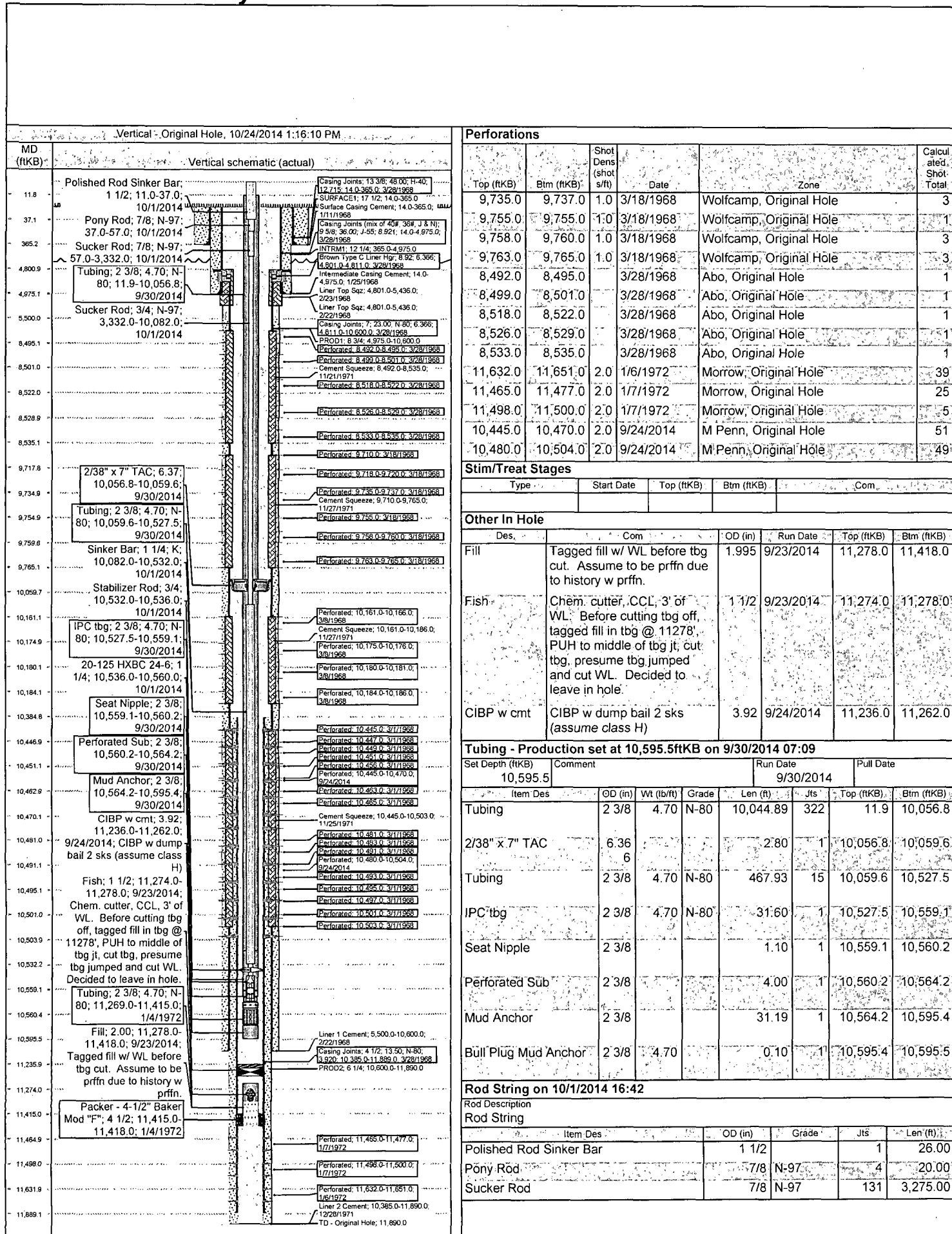
Cement Stages

Description	Top (ftKB)	Btm (ftKB)	Top Meas Meth	Comment
Surface Casing Cement	14.0	365.0	Cement Returns	325 SX INCORE NEAT CMT w/2% HA5. CIRC CMT TO SURF.
Intermediate Casing Cement	14.0	4,975.0	Cement Returns	2,400 SX INCORE CMT w/6% GEL & 100 SX INCORE NEAT CMT. CIRC CMT TO SURF.

Schematic & History



Schematic & History



Perforations

Top (ftKB)	Btm (ftKB)	Shot Dens (shot s/ft)	Date	Zone	Calculated Shot-Total
9,735.0	9,737.0	1.0	3/18/1968	Wolfcamp, Original Hole	3
9,755.0	9,755.0	1.0	3/18/1968	Wolfcamp, Original Hole	1
9,758.0	9,760.0	1.0	3/18/1968	Wolfcamp, Original Hole	3
9,763.0	9,765.0	1.0	3/18/1968	Wolfcamp, Original Hole	3
8,492.0	8,495.0		3/28/1968	Abo, Original Hole	1
8,499.0	8,501.0		3/28/1968	Abo, Original Hole	1
8,518.0	8,522.0		3/28/1968	Abo, Original Hole	1
8,526.0	8,529.0		3/28/1968	Abo, Original Hole	1
8,533.0	8,535.0		3/28/1968	Abo, Original Hole	1
11,632.0	11,651.0	2.0	1/6/1972	Morrow, Original Hole	39
11,465.0	11,477.0	2.0	1/7/1972	Morrow, Original Hole	25
11,498.0	11,500.0	2.0	1/7/1972	Morrow, Original Hole	5
10,445.0	10,470.0	2.0	9/24/2014	M Penn, Original Hole	51
10,480.0	10,504.0	2.0	9/24/2014	M Penn, Original Hole	49

Stim/Treat Stages

Type	Start Date	Top (ftKB)	Btm (ftKB)	Com

Other In Hole

Des.	Com	OD (in)	Run Date	Top (ftKB)	Btm (ftKB)
Fill	Tagged fill w/ WL before tbg cut. Assume to be prfn due to history w prfn.	1.995	9/23/2014	11,278.0	11,418.0
Fish	Chem. cutter, CCL, 3' of WL. Before cutting tbg off, tagged fill in tbg @ 11278', PUH to middle of tbg jt, cut tbg, presume tbg jumped and cut WL. Decided to leave in hole.	1 1/2	9/23/2014	11,274.0	11,278.0
CIBP w cmt	CIBP w dump bail 2 sks (assume class H)	3.92	9/24/2014	11,236.0	11,262.0

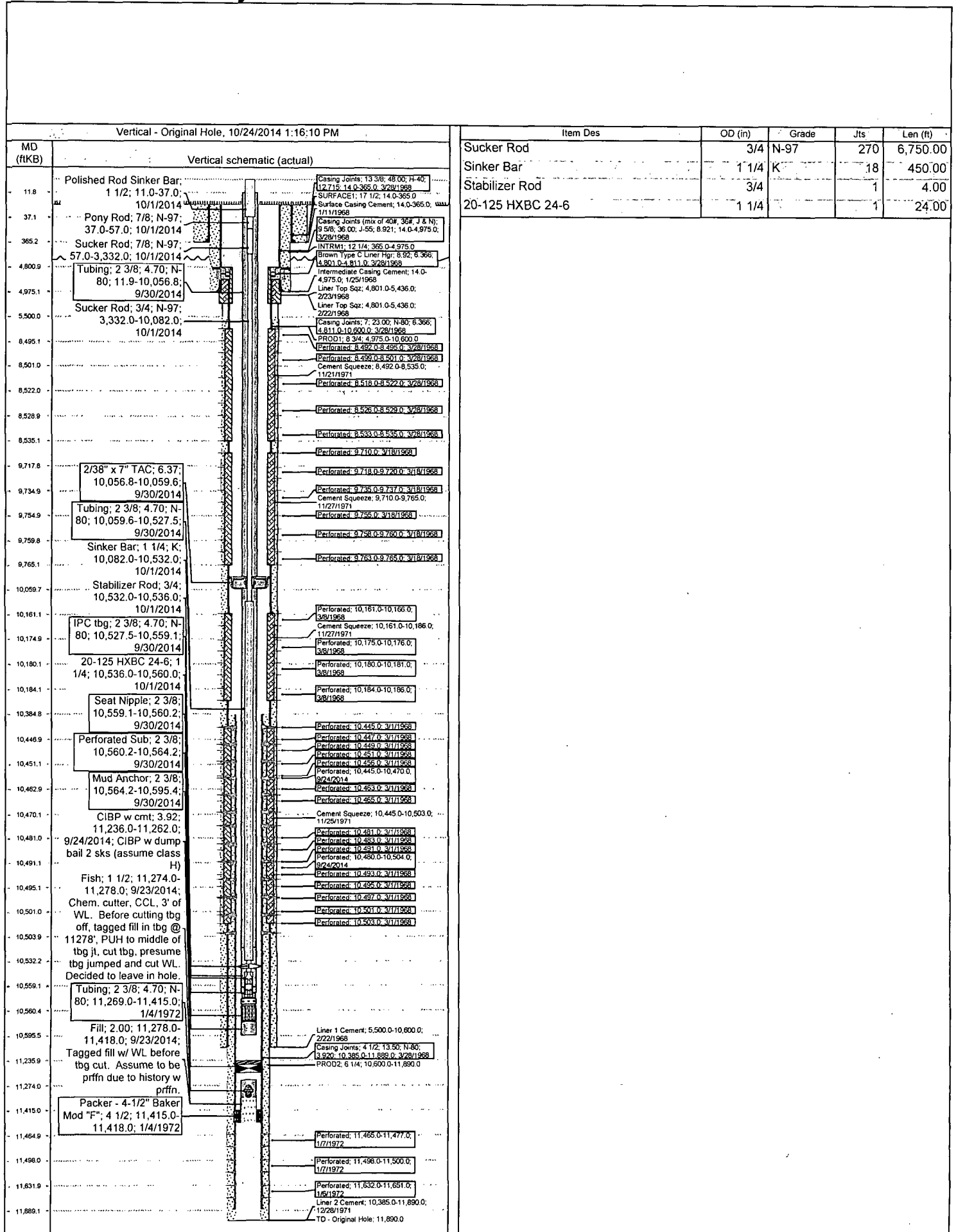
Tubing - Production set at 10,595.5ftKB on 9/30/2014 07:09

Set Depth (ftKB)	Comment	Run Date	Pull Date				
10,595.5		9/30/2014					
Item Des	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Jts	Top (ftKB)	Btm (ftKB)
Tubing	2 3/8	4.70	N-80	10,044.89	322	11.9	10,056.8
2 3/8" x 7" TAC	6.36 6			2.80	1	10,056.8	10,059.6
Tubing	2 3/8	4.70	N-80	467.93	15	10,059.6	10,527.5
IPC tbg	2 3/8	4.70	N-80	31.60	1	10,527.5	10,559.1
Seat Nipple	2 3/8			1.10	1	10,559.1	10,560.2
Perforated Sub	2 3/8			4.00	1	10,560.2	10,564.2
Mud Anchor	2 3/8			31.19	1	10,564.2	10,595.4
Bull Plug Mud Anchor	2 3/8	4.70		0.10	1	10,595.4	10,595.5

Rod String on 10/1/2014 16:42

Item Des	OD (in)	Grade	Jts	Len (ft)
Polished Rod Sinker Bar	1 1/2		1	26.00
Pony Rod	7/8	N-97	4	20.00
Sucker Rod	7/8	N-97	131	3,275.00

Schematic & History



SPECIFICS OF OPERATION:

- 1) Safety is the highest priority. Hold tailgate safety meetings prior to each significant stage of the operation. Ensure all personnel understand the procedure, its objectives, and the precautions to be followed at all points.
- 2) MIRU PU, kill trk w/ full load of 2% KCL trtd w/ biocide. POOH rods & pump, LD rods and move off location (can put in pasture next to gas flowline on south of location?).
- 3) ND WH, rls TAC, NU 3k manual BOP, POOH tbgs SB. RIH 4-1/2" RBP dressed for 13.5#, set between liner top (10,385') and top perf (10,445'). Test liner top and csg to 500 psi for 5". POOH 4-1/2" RBP, LD tbgs and move off location.
 - a. If LT/csg does NOT hold, leave 4-1/2" RBP in hole, POOH, RIH 7" tension pkr to LT. Tst LT to 500#. Tst 7" csg to surf. Identify btm and top of leak. Consult w/ operations team for path forward.
- 4) Change pipe rams to 3-1/2". MI, rack, and tally 10,440' of 3-1/2" 9.3# N-80 csg or better. RIH 7" 10k treating pkr dressed for 23# and frac string, tstg to 10k below the slips. (If it won't damage the pkr), set down on LT, then LD 1jt. ND BOP, set pkr, and NU frac stack. Load backside and tst to 500#. RDMO tstr, LD svc, and PU. Clean location & clear for frac svc.
- 5) MIRU 8 500 bbl frac tanks & 1 500 bbl flowback tank. Put biocide in FT's then fill w/ FW. Frac svc to take water sample for gel/breaker tests.
- 6) On day before frac, MIRU flowback manifold, T&T trailer, frac svc. NU psi transducer to 9-5/8" csg, tst surf. equip. to 10,000 psi. Set & test pop-off at 10,000 psi. Set kick-outs @ 9,600 psi. Frac well per schedule. Test formation with sand slugs throughout job. RDMO frac service.
- 7) Open well on 8/64 bean choke. As sand clears up, increase choke size 2/64's every hour. If more than trace sand is observed, reduce choke size in 4/64's increments every hour until sand stops flowing. After trace sand for 4 consecutive hours begin opening choke again. Report chk size, pressures, volumes, oil cut, gas blow, sand production, and equip. chgs hourly. If H2S is measured outside of FB tk, SWI immediately, continue recording pressure hourly, and consult operations team for path forward. Drain and rel FT's as needed. When well stabilizes release flow back crew. When pressures and volumes are low enough for battery to handle, tie WH into battery and put well into test at least once a week.
- 8) When well dies, MIRU PU, kill trk, and LD svc. ND frac stack, rls pkr, NU BOP, POOH LD frac string & pkr. Rls frac strg & tools. RDMO LD svc.
- 9) MI, rack, and tally production tbgs. Chg pipe rams to 2-3/8". MI extra 2 jts to tag with. RIH 3-3/4" bit on tbgs. TFF. If fill close to perms, att. circulate fill out. MIRU rvs unit if fill will not circ. out. POOH.

- 10) RIH same production tbg and rod strings and (redressed) pump as before frac. Notify pumper, space out, NU pumping tee and manifold, stuffing box, L&T, hang unit on, verify good pumping action, open well to battery, turn to production.
- 11) Clean location, RDMO. Report fluid levels and well tests at least once a week, optimize unit as needed.