

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	O'Brien Energy Resources Corp.
Well Name	PREEDY 3-4
Doc ID	1428705

Tops

Name	Top	Datum
Heebner	4442	-1761
Toronto	4454	-1773
Lansing	4586	-1905
Marmaton	5223	-2542
Cherokee	5395	-2714
Atoka	5643	-2962
Morrow	5695	-3014
Mississippi	5800	-3119
Basal Chester	6006	-3325
Ste. Genevieve	6038	-3357
St. Louis	6129	-3448
Spergen	6325	-3644



Liberal Yard #1717 - Phone 620-624-2277 - 1700 S. Country Estates Road, Liberal KS 67901

PRESSURE PUMPING

Job Log

Customer:	Obrien Energy	Cement Pump No.:	38117, 19919 5Hrs.	Operator TRK No.:	96816
Address:	18 Congress St. Suite 207	Ticket #:	1718 15906 L	Bulk TRK No.:	70897, 37725 Santiago 14355, 37724 Noel
City, State, Zip:	Portsmouth NH 03801	Job Type:	Z42 Cement Surface Casing		
Service District:	1718 - Liberal, Ks.	Well Type:	OIL		
Well Name and No.:	Preedy 3-4	Well Location:	4,33,29	County:	Meade
				State:	Ks

Type of Cmt	Sacks	Additives	Truck Loaded On	
A-Con' Blend	375	3% Calcium Chloride, 1/4# Polyflake, .2% WCA1	70897, 37725 Santiago	Front Back
Premium Plus Cement	150	2% Calcium Chloride, 1/4# Polyflake	14355, 37724 Noel	Front Back
				Front Back

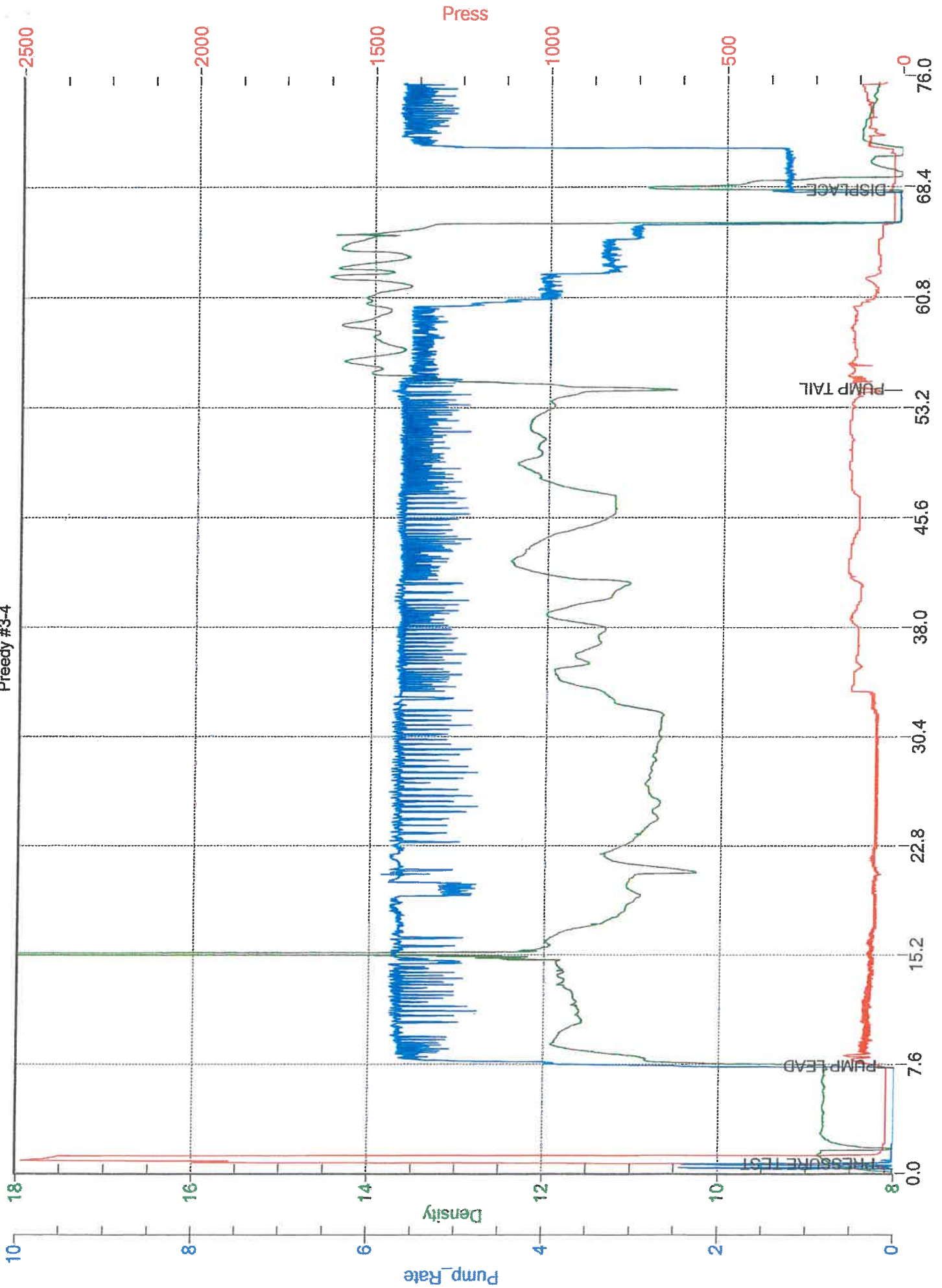
Lead/Tail:	Weight #1 Gal.	Cu/Ft/sk	Water Requirements	CU. FT.	Man Hours / Personnel	
Lead:	11.4	2.95	18.1	1106.25	TT Man Hours:	42
Tail:	14.8	1.34	6.33	201	# of Men on Job:	4

Time (am/pm)	(BPM)	Volume (BBLs)	Pumps		Pressure (PSI)		Description of Operation and Materials
			T	C	Tubing	Casing	
13:50							ON LOCATION
14:00							SAFETY MEETING
2:15 PM							RIG UP
4:20 PM							RIG TO CIRCULATE
4:45 PM							RIG TO P.T.
16:47							PRESSURE TEST TO 2400PSI
16:54	5.5	197.0 slurry				120	PUMP 350SX LEAD @ 11.4#
5:41 PM	5.6	35.7 slurry				140	PUMP 150SX TAIL @ 14.8#
17:53							SHUTDOWN / DROP PLUG
17:55	5.5	10				80	DISPLACE / CEMENT RETURNS
	5.5	20				100	
	5.5	30				120	
	5.5	40				160	
	5.5	50				220	
	5.5	60				270	
	5.5	70				340	
	5.5	80				400	
	5.5	84				420	SLOW RATE TO 2.0BPM @ 350PSI
	2	90				380	
18:18	2	94.7				390	LAND PLUG / PRESSURE UP TO 870PSI
18:20							RELEASE BACK — FLOAT HELD
							JOB COMPLETE

Size Hole	12 1/4"	Depth	1540'		TYPE	Plug Container	
Size & Wt. Csg.	8 5/8" 24#	Depth	1532.19	New / Used	Packer	Depth	
Landing Press.	304.4psi	Depth			Retainer	Depth	
Shoe Jt.	42.03'	Type			Perfs	CIBP	

Customer Signature: <i>y</i>	Basic Representative:	Daniel Beck
	Basic Signature:	<i>Daniel Beck</i>
	Date of Service:	9/1/2018

O'Brien Energy Preedy #3-4





Liberal Yard #1717 - Phone 620-624-2277 - 1700 S. Country Estates Road, Liberal KS 67901

PRESSURE PUMPING Job Log

Customer:	Obrien Energy	Cement Pump No.:	38750-19842	Operator TRK No.:	78938 Ruben
Address:	18 Congress St. Suite 207	Ticket #:	1718 15800 L	Bulk TRK No.:	19827-19808 Ocar
City, State, Zip:	Portsmouth NH 03801	Job Type:	Z42 Cement Production Casing		
Service District:		Well Type:	OIL		
Well Name and No.:	Preedy 3-4	Well Location:	4,33,29	County:	Meade
				State:	Ks

Type of Cmt	Sacks	Additives	Truck Loaded On		
60/40 POZ	100		19827-19808 Ocar	Front	Back
AA2 CEMENT	170	5%W-60,10%SALT,6%C-15,1/4# DEFOAMER,5#GILSONITE		Front	Back
				Front	Back

Lead/Tail:	Weight #1 Gal.	Cu/Ft/sk	Water Requirements	CU. FT.	Man Hours / Personnel	
Lead:	12	2.08	11.89	208	Man Hours:	36
Tail:	14.8	1.51	6.65	256.7	# of Men on Job:	3

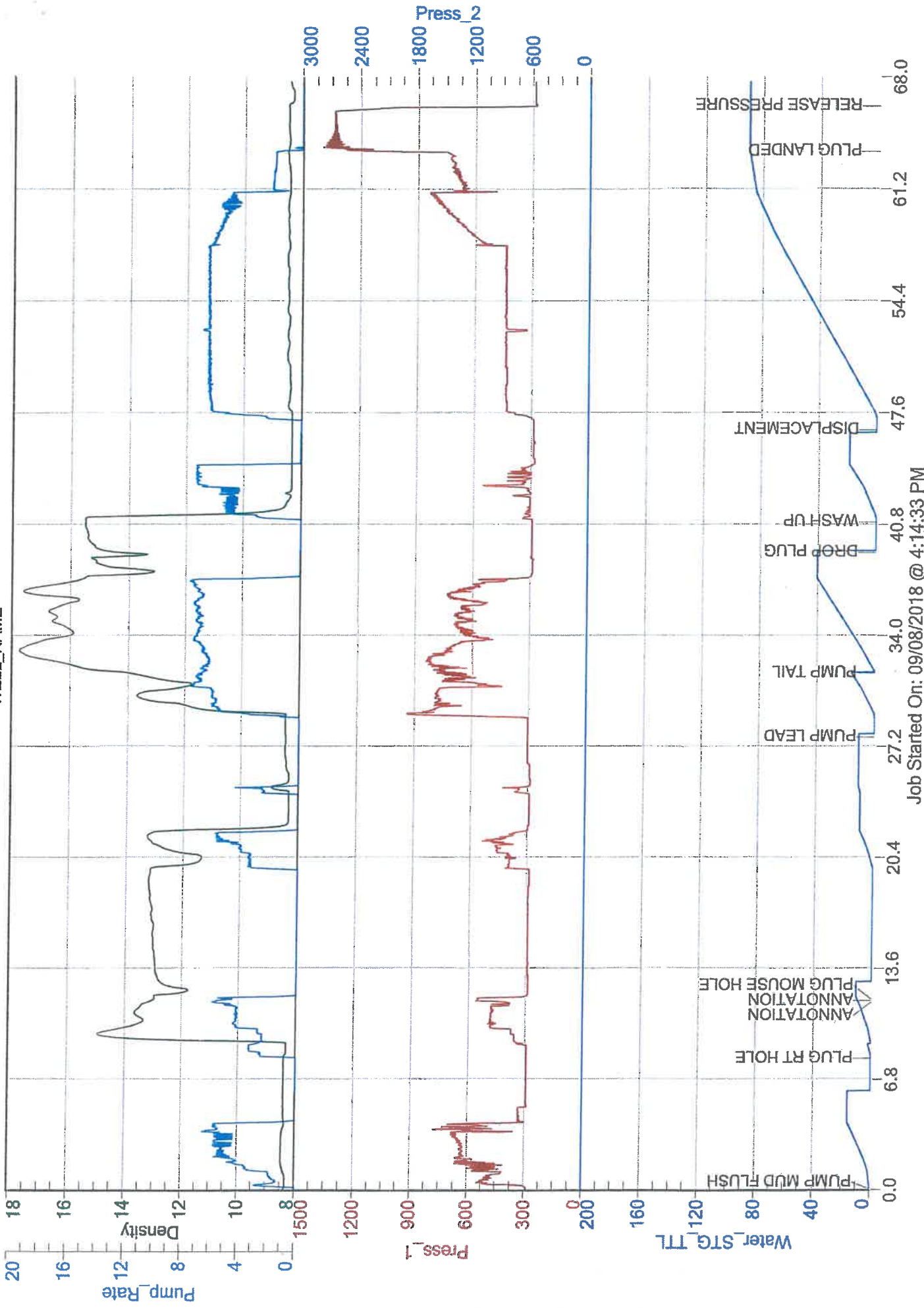
Time (am/pm)	(BPM)	Volume (BBLs)	Pumps		Pressure(PSI)		Description of Operation and Materials
			T	C	Tubing	Casing	
12:00							ON LOCATION
12:30							SAFETY MEETING
1:00 PM							RIG UP
4:10 PM	0.3	0.4				1500	PRESSURE TEST
4:14 PM	4	12				100	PUMP 500 GALLONS OF MUD FLUSH
16:22	3	10				50	PLUG RAT HOLE 30SX @13#
16:23	3	8				50	PLUG MOUSE HOLE 20SX 13#
4:40 PM	5.8	18.5				200	PUMP 50SX @12#
16:46	5.7	45.6				200	PUMP 170SX @14.8#
16:54	4	7				70	DROP PLUG/ WASH UP
17:01	6.1	10,20				120	DISPLACEMENT 3% KCL
		30				120	
		40				120	
		50				120	
		60				120	
17:12	5.7	70				250	CAUGHT CEMENT
17:15	2	85				400	SLOW RATE
		90				400	
17:19		97.8				1000	PLUG LANDED
17:21							RELEASE PRESSURE/FLOAT HELD
							SHUT DOWN/RIG DOWN -0-PSI

Size Hole	7 7/8	Depth	6350'		TYPE	
Size & Wt. Csg.	4 1/2 11.6#	Depth	6331.53'	New / Used	Packer	Depth
tbg.		Depth			Retainer	Depth
Top Plugs	6295.22'	Type			Perfs	CIBP

Customer Signature: <i>Casey Coats</i>	Basic Representative:	RUBEN MARTINEZ
	Basic Signature:	<i>Rub M</i>
	Date of Service:	9/8/2018

PREEDY #3-4

WELL_NAME



Job Started On: 09/08/2018 @ 4:14:33 PM



Liberal Yard #1717 - Phone 620-624-2277 - 1700 S. Country Estates Road, Liberal KS 67901

PRESSURE PUMPING

Job Log

Customer:	O'Brien Energy	Cement Pump No.:	37712, 19919 4Hrs.	Operator TRK No.:	96816
Address:	18 Congress St. Suite 207	Ticket #:	1718 15963 L	Bulk TRK No.:	33021, 14284 Jesse
City, State, Zip:	Portsmouth NH 03801	Job Type:	Z41 - Squeeze Raise Cement		
Service District:	1718 - Liberal, Ks.	Well Type:	OIL		
Well Name and No.:	Preeedy 3-4	Well Location:	4,33,29	County:	Meade
				State:	Ks

Type of Cmt	Sacks	Additives	Truck Loaded On		
Premium / Common	75	.8% C-17	33021, 14284 Jesse	Front	Back
				Front	Back
				Front	Back

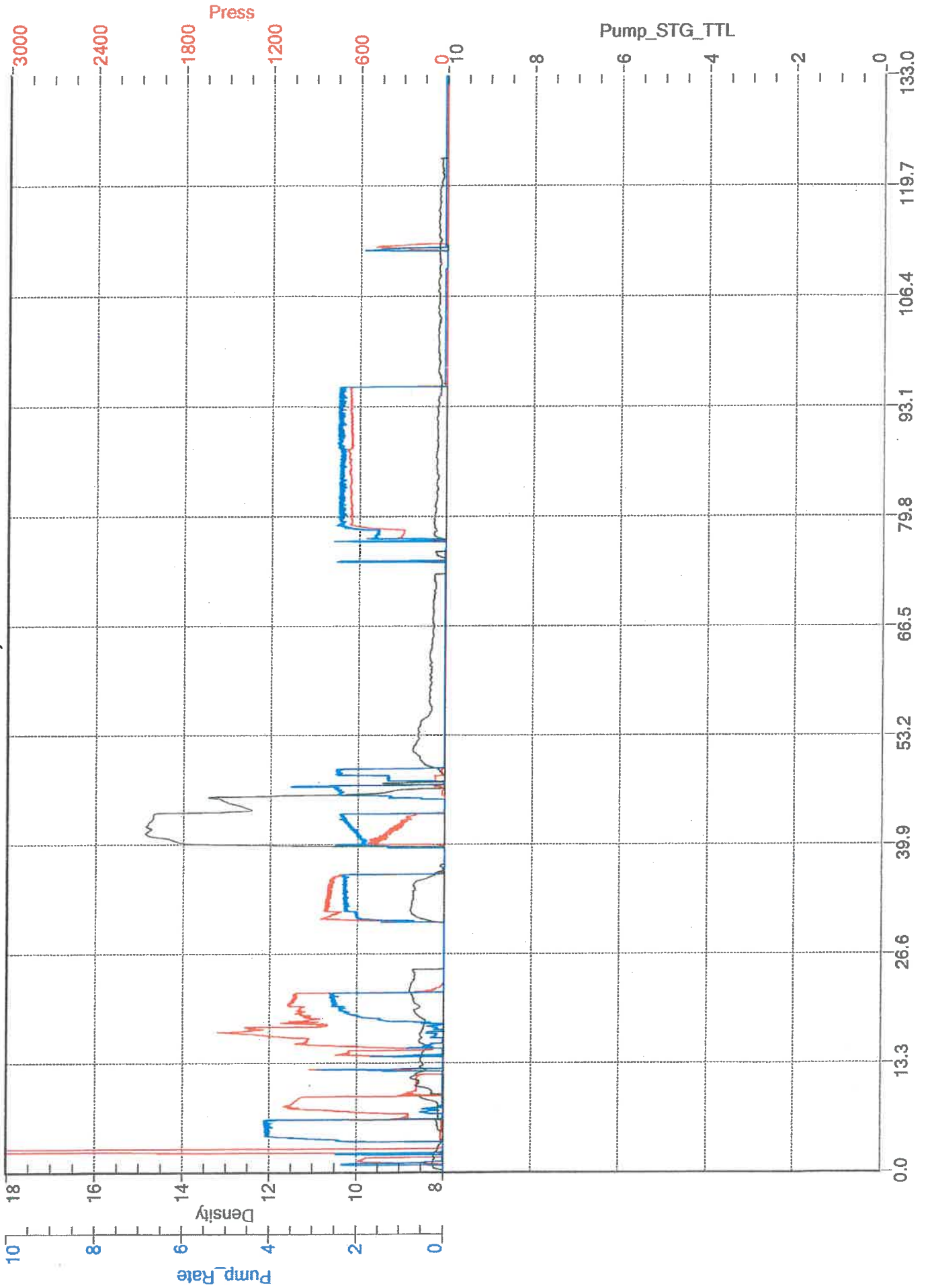
Lead/Tail:	Weight #1 Gal.	Cu/Ft/sk	Water Requirements	CU. FT.	Man Hours / Personnel	
Lead:	15.8	1.18	5.18	88.5	TT Man Hours:	28.5
Tail:					# of Men on Job:	3

Time (am/pm)	(BPM)	Volume (BBLs)	Pumps		Pressure (PSI)		Description of Operation and Materials
			T	C	Tubing	Casing	
11:30							ON LOCATION & SAFETY MEETING
11:45							RIG UP & WAIT
12:45 PM							RIG TO P.T.
1:03 PM		1				550	LOAD BS. W/ 1BBL 550PSI
1:05 PM							PRESSURE TEST TO 3540PSI
13:06	1.5	10				670	PUMP 3% KCL WATER FOR CIRCULATION
13:33	2	11.9				850	PUMP 500GALLONS MUD FLUSH
1:39 PM							SHUTDOWN
13:41	2.5	10.5				500	PUMP 50SX @ 15.6#
13:46							SHUTDOWN / W.P.
13:50	2.5	4				20	DISPLACE W/ 23.2BBLs
14:18		23.2					SHUTDOWN / ON VACUUM 0.75BPM
14:20	2.4	10				660	REVERSE OUT
	2.4	20				660	
	2.4	43				660	SHUTDOWN / PULL T.B.
14:45							PRESSURE UP TO 350PSI
							CLOSE IN
							JOB COMPLETE

Size Hole	7 7/8"	Depth		TYPE		Swage	
Size & Wt. Csg.	4 1/2" 1.5#	Depth		Packer		Depth	
tbg.	2 3/8" 4.7#	Depth		Retainer	6170'	Depth	
Top Plugs		Type		Perfs	6180' 4Holes	CIBP	

Customer Signature: *Ronald K... Daniel Beck*
 Basic Representative: Daniel Beck
 Basic Signature: *Daniel Beck*
 Date of Service: 10/22/2018

O'Brien
Preedy #3-4





Liberal Yard #1717 - Phone 620-624-2277 - 1700 S. Country Estates Road, Liberal KS 67901

PRESSURE PUMPING

Job Log

Customer:	Obrien Energy	Cement Pump No.:	37223-19572 3HRS	Operator TRK No.:	21884
Address:	18 Congress St. Suite 207	Ticket #:	1718-17156L	Bulk TRK No.:	70897-37725
City, State, Zip:	Portsmouth NH 03801	Job Type:	Z41 - Squeeze Raise Cement		
Service District:	1718-Liberal Ks	Well Type:	OIL		
Well Name and No.:	Preeedy 3-4	Well Location:	4,33,29	County:	Meade
				State:	Ks

Type of Cmt	Sacks	Additives	Truck Loaded On	
H	200	1/3#SK OWB	70897-37725	Front Back
				Front Back
				Front Back

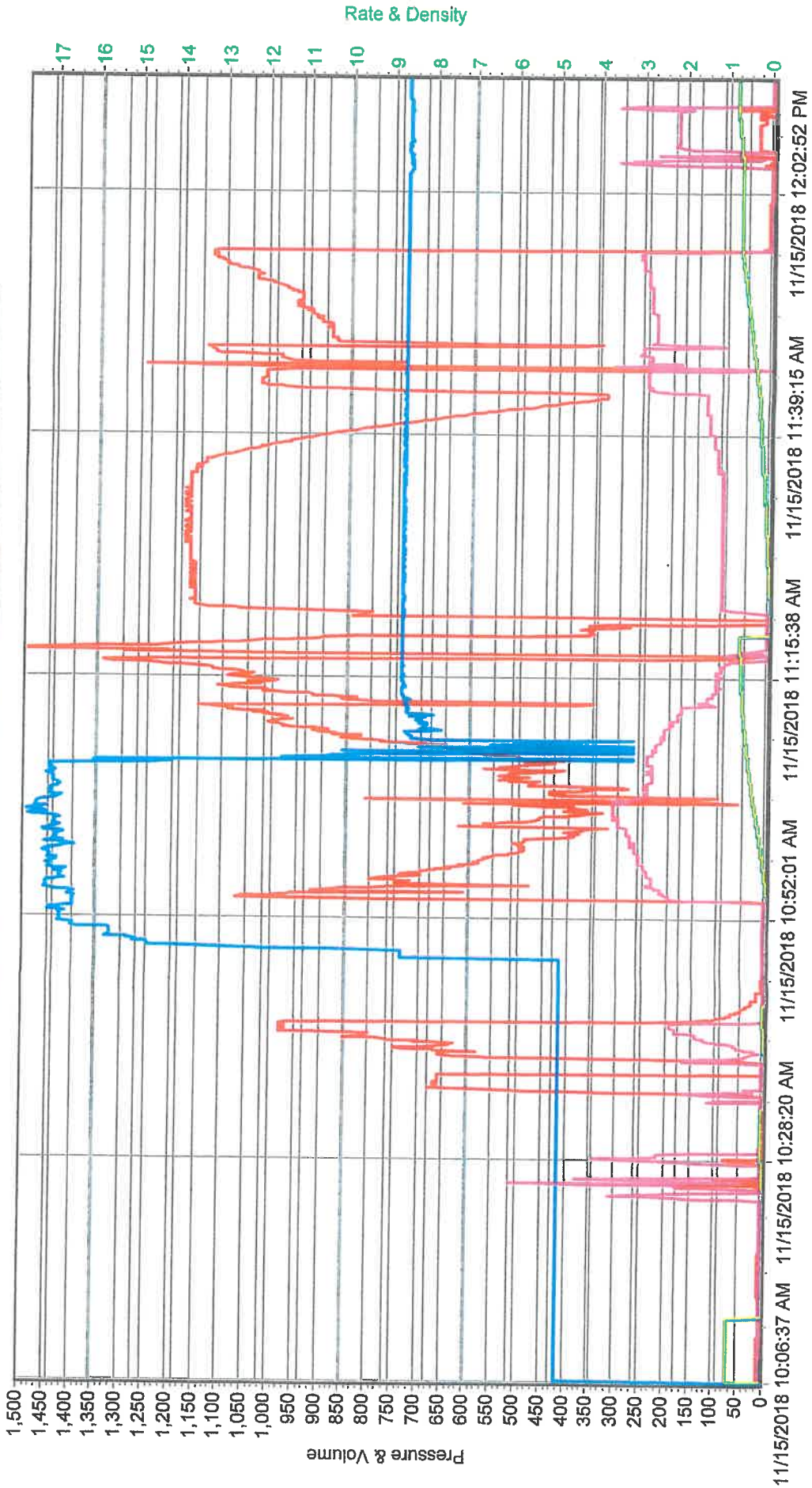
Lead/Tail:	Weight #1 Gal.	Cu/Ft/sk	Water Requirements	CU. FT.	Man Hours / Personnel	
Lead:	15.6	1.18	5.2	236	Man Hours:	24
Tail:					# of Men on Job:	3

Time (am/pm)	(BPM)	Volume (BBLs)	Pumps		Pressure(PSI)		Description of Operation and Materials
			T	C	Tubing	Casing	
6AM							CALLED OUT FOR JOB
830AM							ON LOC. SAFETY MEETING
9AM							RIG UP IRON
1033AM	1	1		X		500	LOAD ANNULAS
1037AM	2	5	X		900		GET INJ. RATE
1054	2,6	42	X		800		PUMP 200SX CLASS H WITH OWB @ 15.6#
1110AM	3	23.9	X		400		PUMP DISPLACEMENT
1115AM	1.5				1200		15.5 BBLs IN PSI CAME UP 1400 - SHUT DOWN
1117AM							STING OUT OF RETAINER
1122AM	1	55		X		1000	Reverse out tubing - Reversed out 7bbls of cement
1200PM		55					SHUT DOWN
1200PM							JOB OVER

Size Hole	Depth		TYPE
Size & Wt. Csg.	Depth	New / Used	Packer
tbg.	Depth		Retainer
Top Plugs	Type		Perfs
			Depth
			Depth
			CIBP

Customer Signature:	Basic Representative:	Tyce Davis
	Basic Signature:	
	Date of Service:	

SERIES 2000



O'Brien Energy Resources, Inc.

Preedy No. 3-4

Section 4, T33S, R29W

Meade County, Kansas

September 2018

Well Summary

The O'Brien Energy Resources, Preedy No. 3-4 was drilled to a total depth of 6350' in the Spergen without any problems. It offset the Keystone No. 4-4 by approximately 1900' to the East. Formation tops ran variable to this offset. The Heebner came in 7' high. The Toronto and Lansing ran 23' and 11' high. The Cherokee, Atoka and Morrow ran 8', 4' and 2' low. The Mississippian Chester came in 5' high and the primary objective St. Louis, 4' high.

The only hydrocarbon show documented occurred in the St. Louis(6129'-6135') and consists of a Dolomite: Medium to dark mottled brown, microcrystalline, microsugrosic in part, clean, brittle, predominately hard, tight to trace intercrystalline porosity with even brown oil matrix staining, fossiliferous with isolated oil filled moldic vugs, very dull gold hydrocarbon fluorescence in 5% of the samples, excellent streaming cut, oil odor. A 40 Unit gas increase was documented on the hotwire.

4 ½" production casing was run on the Preedy no 3-4 for St. Louis oil production.

Respectfully Submitted,

Peter Debenham

WELL DATA

Operator: O'Brien Energy Resources, Inc., John Forma – Portsmouth, NH
Geologist: Paul Wiemann – Denver, CO

Prospect Geologist: David Ward, Ed Schuett, Denver

Well: Preedy No. 3-4, Angell SE Field

API: 15-119-21425

Location: 1980' FSL & 2305' FEL, Section 4, T33S, R29W, Meade County, Kansas
– Southeast of Plains.

Elevation: Ground Level 2668', Kelly Bushing 2681'

Contractor: Duke Drilling Rig No. 7, Type: Double jackknife, double stand, Toolpusher
Galen Roach, Drillers: Craig Merten, Scott Edwards, Steven Green

Company Man: Dana Greathouse, Casey Coats

Spud Date: 8/30/18

Total Depth: 9/8/18, Driller 6350', Logger 6351', Spergen Formation

Casing Program: 36 joints of 8 5/8", J-55, 24Lbs/ft, set at 1528'. Plug down 6:15 pm 9/2/18.
4 1/2" production casing set to TD.

Mud Program: Winter Mud, engineer Drew Smith, Theran Hegwood. displaced 2610',
Chem. gel/LCM.

Wellsite Consultant: Peter Debenham with mudlogging trailer, Call depth 3000', Box 350,
Drake, CO 80515, 720/220-4860.

Samples: 30' to 5600', 20' to TD.

Electric Logs: Weatherford, engineer Adam Sill, Array Induction, Compensated
Neutron/Density, Microlog, Hi Res.

Status: 4 1/2" production casing run to TD on 9/9/2018.

WELL CHRONOLOGY

<u>DATE</u>	<u>DEPTH</u>	<u>FOOTAGE</u>	<u>RIG ACTIVITY</u>
8/30			Move and rig up rotary tools. Mix spud mud. Spud in 12 1/4" surface hole(9:15 PM).
8/31	490'	490'	
9/1	1480'	990'	Drilling surface hole.
9/2	1540'	60'	To 1540' and circulate. Wiper trip and circulate. Trip out and run 36 joints of 8 5/8" casing set at 1528' and cement, did circulate. Plug down 6:15 PM. Wait on cement. Nipple up and pressure test BOP. Drill plug and cement.
9/3	2550'	1010'	Drill cement and 7 7/8" hole to 2550'.
9/4	3700'	1150'	Displace mud system at 2620'.
9/5	4815'	1115'	
9/6	5545'	730'	To 5012' and circulate and wiper trip 56 stands and circulate.
9/7	6330'	785'	
9/8	6350'TD	20'	To TD and circulate and short trip.Trip out for logs and run Elogs. Trip in and circulate.
9/9	TD		Circulate. Trip out laying down and run and cement 156 joints of 4 1/2" production casing set at 6327'. Rig down.

BIT RECORD

<u>NO.</u>	<u>MAKE HOURS</u>	<u>TYPE</u>	<u>SIZE</u>	<u>OUT</u>	<u>FOOTAGE</u>	
1	Logic	PDC	12 1/4"	1540'	1540'	26 1/2
2	HTC	DP506	7 7/8"	6350'	4810'	85 1/2

Total Rotating Hours:	112
Average:	56.7
Ft/hr	

DEVIATION RECORD - degree

200' ½, 500' 1, 900' ¾, 1500' ¾, 2000' ½, 2500' ¾, 3000' ¾, 3500' ¾, 4000' ¾,
4500' ¾, 5000' 1 ½, 5250' 1 ½, 5350' 1 ¼, 5500' 1, 6000' ¾

MUD PROPERTIES

<u>DATE</u> <u>LBS/BBL</u>	<u>DEPTH</u>	<u>WT</u>	<u>VIS</u>	<u>PV</u>	<u>YP</u>	<u>pH</u>	<u>WL</u>	<u>CL</u>	<u>LCM-</u>
8/31	701'	9.6	35	9	18	8.0	nc	4K	4
9/1	1540'	10.0	36	5	21	8.0	nc	26K	5
9/3	2660'	8.7	65	19	19	11.6	5.0	3.7K	2
9/4	3810'	9.2	50	10	46	11.0	44.0	6.5K	2
9/5	4876'	9.3	50	16	18	12.0	16.0	5K	2
9/6	5577'	9.2	60	22	20	11.0	8.4	4.1K	6
9/7	6350'	9.1	58	16	10		7.2		

ELECTRIC LOG FORMATION TOPS- KB Elev. 2681'

<u>FORMATION</u>	<u>DEPTH</u>	<u>DATUM</u>	<u>*Keystone No. 4-4</u> <u>DATUM</u>	<u>POSITION</u>
Casing	1529'			
Heebner	4442'	-1761'	-1768'	+7'
Toronto	4454'	-1773'	-1796'	+23'
Lansing	4586'	-1905'	-1916'	+11'
Marmaton	5223'	-2542'	-2536'	-6'
Cherokee	5395'	-2714'	-2706'	-8'
Atoka	5643'	-2962'	-2958'	-4'
Morrow	5695'	-3014'	-3012'	-2'
Mississippi Chester	5800'	-3119'	-3124'	+5'
Basal Chester	6006'	-3325'	-3316'	-9'
Ste. Genevieve	6038'	-3357'	-3355'	-2'
St. Louis	6129'	-3448'	-3452'	+4'
Spergen	6325'	-3644'	-3643'	-1'
TD	6350'			

*O'Brien Energy Resources, Keystone No. 4-4, 2305' FSL & 445' FWL, Section 4, 33 S, 29W – app. 1900' to the West, K.B. Elev. 2656'.