



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

**Job Log**

Customer:	Obrien Energy	Cement Pump No.:	38117-19919	Operator TRK No.:	78939
Address:	18 Congress St. Suite 207	Ticket #:	1718-14351 L	Bulk TRK No.:	14355-37724 30463-37547
City, State, Zip:	Portsmouth NH 03801	Job Type:	Z41 Cement Surface Casing		
Service District:		Well Type:	OIL		
Well Name and No.:	Clayton 5-33	Well Location:	33,33,29	County:	Meade State: Ks

Type of Cmt	Sacks	Additives	Truck Loaded On	
A - CON	385	2%CaCl, 1/4# POLYFLAKE	14355-37724	Front Back
PREMIUM PLUS	150	2%CaCl, 1/4# POLYFLAKE	30463-37547	Front Back
				Front Back

Lead/Tail:	Weight #1 Gal.	Cu/Ft/sk	Water Requirements	CU. FT.	Man Hours / Personnel	
<b>Lead:</b>	11.4	2.95	18.1	1135.75	Man Hours:	7
<b>Tail:</b>	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	
17:00							ON LOC, SAFTEY MTG, R.U.
20:42					2000		TEST LINES
8:46 PM	5.5				90		START MIXING LEAD @ 11.4#
9:36 PM	5.7	202			170		ON TAIL @ 14.8#
9:44 PM		36					SHUT DOWN, DROP PLUG
9:46	5.6				60		START DISPLACEMENT, WASHUP ON PLUG
22:03	2	85			330		SLOW ARTE
10:10 PM		95			400-1500		PLUG DOWN
22:12					1500-0		RELEASE PSI, FLOAT HELD
							JOB COMPLETE
							THANK YOU FOR YOUR BUSINESS!!!

Size Hole	12 1/4	Depth			TYPE	
Size & Wt. Csg.	8 5/8 24	Depth	1527.9	New / Used	NEW	Packer
tbg.		Depth				Retainer
Top Plugs		Type				Perfs

Customer Signature:	Basic Representative:	CHAD HINZ
	Basic Signature:	
	Date of Service:	4/13/2017



**BASIC ENERGY SERVICES**

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.:	70897, 19919 3.5Hrs.	Operator TRK No.:	78938
Address:	18 Congress St. Suite 207	Ticket #:	1718 14321 L	Bulk TRK No.:	14355, 37724 Willie
City, State, Zip:	Portsmouth NH 03801	Job Type:	Z41 Cement Production Casing		
Service District:	1718 - Liberal, Ks.	Well Type:	OIL		
Well Name and No.:	Clayton 5-33	Well Location:	33,33,29	County:	Meade
				State:	Ks

Type of Cmt	Sacks	Additives	Truck Loaded On		
AA2	215	5% W-60, 10% Salt, .6% C-15, 1/4# Defoamer, 5# Gilsomite	14355, 37724 Willie	Front	Back
AA2	50	5% W-60, 10% Salt, .6% C-15, 1/4# Defoamer, 5# Gilsomite	14355, 37724	Front	Back
				Front	Back

Lead/Tail:	Weight #1 Gal.	Cu/Ft/sk	Water Requirements	CU. FT.	Man Hours / Personnel	
<b>Lead:</b>	14.8	1.51	6.64	324.65	TT Man Hours:	32
<b>Tail:</b>	14.8	1.51	6.64	75.5	# of Men on Job:	3

Time (am/pm)	BPM	Volume (BBLs)	Pumps		Pressure(PSI)		Description of Operation and Materials
			T	C	Tubing	Casing	
22:30							ON LOCATION & SAFETY MEETING
23:00							RIG UP & WAIT
2:45 AM							RIG UP TO CIRCULATE
3:00 AM							RIG TO P.T.
3:40 AM							PRESSURE TEST TO 2900PSI
3:41	1.9	11.9				500	PUMP 500GALLONS MUD FLUSH
3:50	1.9	13.4slurry				20	PUMP 50SX @ 14.8# RAT AND MOUSE
4:03 AM	4.7	57.8slurry				450	PUMP 215SX TAIL @ 14.8#
4:26							SHUTDOWN / DROP PLUG / W.P.
4:36	3.4	10				20	DISPLACE
	6	20				80	
	6	30				80	
	6	40				80	
	6	50				80	
	6	60				580	
	6	70				750	
	5.8	80				840	
	5.5	90				1000	SLOW RATE TO 2.0B.P.M. @ 670PSI
	1.9	100				910	
5:00	1.9	101.6				910	LAND PLUG / PRESSURE UP TO 1200PSI
5:01							RELEASE BACK -- FLOAT HELD
							JOB COMPLETE

Size Hole	7 7/8"	Depth			TYPE	Plug Container	
Size & Wt. Csg.	4 1/2" 10.5#	Depth	6435.66'	New / Used	Packer	Depth	
tbg.		Depth			Retainer	Depth	
Top Plugs		Type			Perfs	CIBP	

Customer Signature: <i>[Signature]</i> 4-19-17	Basic Representative:	Daniel Beck
	Basic Signature:	<i>Daniel Beck</i>
	Date of Service:	4/19/2017