



BE 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.:	38117, 19919 Hrs.	Operator TRK No.:	78938
Address:	18 Congress St. Suite 207	Ticket #:		Bulk TRK No.:	33021, 14284 Willie 30463, 37547 Santiago
City, State, Zip:	Portsmouth NH 03801	Job Type:	Z42 Cement Surface Casing		
Service District:	1718 - Liberal, Ks.	Well Type:	OIL		
Well Name and No.:	Clayton 6-28	Well Location:	28,33,29	County:	Meade State: Ks

Type of Cmt	Sacks	Additives	Truck Loaded On		
A-Con' Blend	385	3% Calcium Chloride, 1/4# Polyflake, .2%WCA1	33021, 14284 Willie	Front	Back
Premium Plus Cement	150	2% Calcium Chloride, 1/4# Polyflake	30463, 37547 Santiago	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	1135.75	TT Man Hours:	52
Tail:	14.8	1.34	6.33	201	# of Men on Job:	3

Time (am/pm)	(BPM)	Volume (BBLs)	Pumps		Pressure(PSI)		Description of Operation and Materials
			T	C	Tubing	Casing	
13:30							ON LOCATION & SAFETY MEETING
18:30							RIG UP
7:25 PM							RIG TO CIRCULATE
7:50 PM							RIG TO P.T.
19:55							PRESSURE TEST TO 2200PSI
19:58	6	202.2 slurry				170	PUMP LEAD @ 11.4#
8:30 PM	6.1	35.7 slurry				200	PUMP TAIL @ 14.8#
20:38							SHUTDOWN / DROP PLUG
20:40	5.3	10				40	DISPLACE
	6	20				110	
	6	30				110	37BBLs IN CEMENT RETURNS
	6	40				150	
	6	50				210	
	6	60				280	
	6	70				350	
	5.9	80				410	
21:01	6	86				450	SLOW RATE TO 2.0BPM @ 380PSI
	2	90				410	
21:09	2	96.3				440	LAND PLUG / PRESSURE UP TO 1040PSI
21:12							RELEASE BACK — FLOAT HELD
							JOB COMPLETE

Size Hole	12 1/4"	Depth		TYPE	Plug Container	
Size & Wt. Csg.	8 5/8" 24#	Depth	1557.74'	Packer	Depth	
Shoe Jt.	42.25'	Depth		Retainer	Depth	
Landing Press.	313.3psi	Type		Perfs	CIBP	

Customer Signature: <i>[Signature]</i>	Basic Representative:	Daniel Beck
	Basic Signature:	<i>Daniel Beck</i>
	Date of Service:	7/25/2017



DANIEL
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.:	38119, 19570 3Hrs.	Operator TRK No.:	78938
Address:	18 Congress St. Suite 207	Ticket #:	1718 14502 L	Bulk TRK No.:	30463, 37547 Angel
City, State, Zip:	Portsmouth NH 03801	Job Type:	Z42 Cement Production Casing		
Service District:	1718 - Liberal, Ks.	Well Type:	OIL		
Well Name and No.:	Clayton 6-29	Well Location:		County:	Meade
				State:	Ks

Type of Cmt	Sacks	Additives	Truck Loaded On		
AA2	280	5% W-60, 10% Salt, .6% C-15, 1/4# Defoamer, 5# Gilsonite	30463, 37547 Angel	Front	Back
AA2 (Rat & Mouse)	50	5% W-60, 10% Salt, .6% C-15, 1/4# Defoamer, 5# Gilsonite	30463, 37547	Front	Back
				Front	Back

Lead/Tail:	Weight #1 Gal.	Cu/Ft/sk	Water Requirements	CU. FT.	Man Hours / Personnel	
Tail:	14.8	1.51	6.64	422.8	TT Man Hours:	37.5
Rat & Mouse:	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	
12:00							ON LOCATION
12:05							SAFETY MEETING
4:55 PM							RIG TO CIRC.
6:02 PM							RIG TO P.T.
6:06 PM							PRESSURE TEST TO 3200PSI
18:08	5.4	11.9				130	PUMP 500 GALLONS MUD FLUSH
18:15		13.4 slurry					PLUG RAT & MOUSE W/ 50SX
6:50 PM	7	75.3 slurry				350	PUMP TAIL @ 14.8# 280SX
18:43							SHUTDOWN / DROP PLUG / W.P.
18:26	7.1	10				180	DISPLACE W/ 3%KCL FLUSH
	7.2	20				180	
	7.2	30				180	
	8.8	40				240	
	9	50				250	
	7.8	60				400	
	7.1	70				490	
	6	80				640	
	4.6	90				850	
19:05	4.4	91				860	SLOW RATE TO 3.4BPM @ 820PSI
	2.8	100				1030	
19:08	2.7	101.8				1060	LAND PLUG / PRESSURE UP TO 1610PSI
19:10							RELEASE BACK — FLOAT HELD
							JOB COMPLETE

Size Hole	7 7/8"	Depth	6450'		TYPE	Plug Container	
Size & Wt. Csg.	4 1/2" 10.5#	Depth	6450.36'	New / Used	Packer	Depth	
Landing Press.	819.4psi	Depth			Retainer	Depth	
Top Plugs		Type			Perfs	CIBP	

Customer Signature: *[Signature]* 10-4-17

Basic Representative: Daniel Beck

Basic Signature: *[Signature]*

Date of Service: 10/4/2017