







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

**PRESSURE PUMPING Job Log**

Customer:	Berexco	Cement Pump No.:	38117, 19919 8Hrs.	Operator TRK No.:	78939
Address:		Ticket #:	1718 13173 L	Bulk TRK No.:	14355, 37725 Sanitago 14354, 19578 Jose
City, State, Zip:	Wichita Ks	Job Type:	Z42 - Cement Production Casing		
Service District:	Liberal, Ks.	Well Type:	OIL		
Well Name and No.:	RA 1-6	Well Location:	6, 29, 40	County:	Stanton
				State:	Ks

Type of Cmt	Sacks	Additives		Truck Loaded On				
A-Con' Blend	200	2% CALCIUM CHLORIDE, 1/4# POLYFLAKE		14354, 19578 Jose	Front Back			
AA2 Cement	165	5% W-60, 10% SALT, .75% C-15, 5# GILSONITE, 1/4# DEFOAMER		14354, 19578 Jose	Front Back			
A-Con' Blend	175	2% CALCIUM CHLORIDE, 1/4# POLYFLAKE		14355, 37725 Sanitago	Front Back			
AA2 Cement	50	5% W-60, 10% SALT, .75% C-15, 5# GILSONITE, 1/4# DEFOAMER		14355, 37725 Sanitago	Front Back			
Lead/Tail:	Weight #1 Gal.	Cu/Ft/sk	Water Requirements	CU. FT.	Man Hours / Personnel			
<b>Lead:</b>	11.4	2.93	18	586	Man Hours: 14			
<b>Tail:</b>	14.8	1.51	6.63	249.15				
<b>Lead 2:</b>	11.4	2.93	18	512.75				
<b>Tail 2:</b>	14.8	1.51	6.63	75.5	# of Men on Job: 4			
Time (am/pm)	(BPM)	Volume (BBLs)	Pumps		Pressure (PSI)		Description of Operation and Materials	
			T	C	Tubing	Casing		
9:00							CALLED OUT FOR JOB	
14:50							ARRIVE ON LOCATION	
2:55 PM							SAFETY MEETING	
3:10 PM							START 5 1/2 CASING AND FLOAT EQUIPMENT	
							PUT STAGE TOOL ON JT# 59 @ 3201FT	
20:00							CASING ON BOTTOM HOOK UP PC & CIRC IRON	
20:05							BREAK CIRC WITH RIG	
8:25 PM							THRU CIRC HOOK IRON TO PT	
21:20							PSI TEST LINES TO 3000	
21:25	7	78.2 slurry				530	PUMP 150SX A-CON @ 11.4#	
21:35	7.1	44.3 slurry				240	PUMP 165SX AA-2 @ 14.8#	
21:45							SHUT DOWN STUFF PLUG & WASH UP	
21:50	6	20				60	START DISPLACEMENT H2O	
	6	57.6				70		
	6	57.6				70	START DISPLACEMENT MUDD	
	5.4	70				170		
	6.3	80				320		
	3	110				820	SLOW RATE	
	3	120				930		
Size Hole	7 7/8"	Depth	5672'				TYPE	PLUG CONTAINER
Size & Wt. Csg.	5 1/2" 15.5#	Depth	5664'	New / Used			Packer	Depth
D.V. Tool	5 1/2"	Depth	3201'				Retainer	Depth
Top Plugs		Type					Perfs	CIBP

Customer Signature: *[Signature]* Basic Representative: Chad Hinz, Daniel Beck  
 Basic Signature: *[Signature]*  
 Date of Service: 4/20/2016



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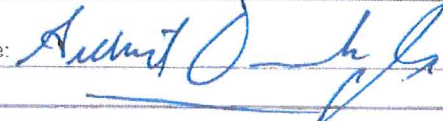
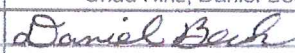
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City, State, Zip:		Job Type:	Z42 - Cement Production Casing				
Service District:	1718 - Liberal	Well Type:	OIL				
Well Name and No.:	RA 1-6	Well Location:	6, 29, 40	County:	Stanton	State:	Ks

Type of Cmt	Sacks	Additives	Truck Loaded On		
			14355, 37725 Sanitago	Front	Back
			14354, 19578 Jose	Front	Back
				Front	Back

Lead/Tail:	Weight #1 Gal.	Yield	Water Requirements	CU. FT.	Man Hours / Personnel	
<b>Lead:</b>				0	Man Hours:	
<b>Tail:</b>				0	# of Men on Job:	

Time (am/pm)	(BPM)	Volume (BBLs)	Pumps		Pressure(PSI)		Description of Operation and Materials
			T	C	Tubing	Casing	
22:17	0	133.8				1510	LAND PLUG
22:19							RELEASE FLOAT --- HELD
10:22 PM							DROP OPENING PLUG
10:42 PM	2.5					1100	OPEN STAGE TOOL
10:56 PM							CIRC WITH RIG
2:25		26 slurry					PLUG RAT AND MOUSE HOLES W 50SX A-CON
2:42	7	91.3 slurry				270	PUMP 175SX A-CON @ 11.4#
2:56 AM	7.2	13.4 slurry				270	PUMP 50SX AA-2 @ 14.8#
3:00							SHUT DOWN DROP CLOSING PLUG & WASH UP
	6.7	20				250	PUMP DISPLACEMENT
	6.6	30				420	
	6.6	40				510	
	6.6	50				550	
	6.5	60				590	
3:17	3	66				580	BBLs IN SLOW RATE
	3	70				630	
3:22	0	76.1				630	LAND PLUG - CLOSE STAGE TOOL @ 1800PSI
							RELEASE PSI - TOOL CLOSED
							JOB COMPLETE

Size Hole	7 7/8"	Depth	5672'		TYPE	
Size & Wt. Csg.	5 1/2" 15.5#	Depth	5664'	New / Used	Packer	Depth
tbg.		Depth	3201'		Retainer	Depth
Top Plugs		Type			Perfs	CIBP

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