



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

PRESSURE PUMPING

Job Log

Customer:	Raydon Exploration Inc		Cement Pump No.:	38117, 10919 11Hrs.		Operator TRK No.:	98816	
Address:	1601 NW Expressway STE 1300		Ticket #:	1718 19668 L		Bulk TRK No.:	30464, 37547 Oscar	14354, 19808 Sam
City, State, Zip:	Oklahoma City Ok 73118		Job Type:	Z-42 Cement Surface Casing				
Service District:	1718 - Liberal, Ks.		Well Type:	OIL				
Well Name and No.:	Rock #2-27		Well Location:	27-33S=31W	County:	Seward	State:	Kansas
Type of Cmt	Sacks	Additives			Truck Loaded On			
A-Con Blend	400	3% Calcium Chloride, 1/4# Polyflake, 0.2%WCA-1			30464, 37547 Oscar		Front	Back
Class C	150				14354, 19808 Sam		Front	Back
Class C	150	2% Calcium Chloride			14354, 19808		Front	Back
Lead/Tail:	Weight #1 Gal.	Cu/Ft/sk	Water Requirements		CU. FT.	Man Hours / Personnel		
Lead:	11.4	2.95	18.1		1180	TT Man Hours:	60	
Tail:	14.6	1.39	6.65		208.5	# of Men on Job:	3	
Time (am/pm)	(BPM)	Volume (BBLS)	Pumps		Pressure(PSI)		Description of Operation and Materials	
			T	C	Tubing	Casing		
15:45							ON LOCATION & SAFETY MEETING	
16:00							RIG UP	
9:18 PM							RIG TO CIRCULATE	
9:58 PM							RIG TO PT	
9:59 PM							PRESSURE TEST TO 1540PSI	
22:02	4.5	210.1 slurry				170	PUMP 400SX LEAD @ 11.4#	
22:56	4.3	37.1 slurry				80	PUMP 150SX TAIL @ 14.6#	
11:12 PM							SHUTDOWN / DROP PLUG	
23:15	4.5	10				60	DISPLACE	
	4.5	20				90		
	4.4	30				130		
	4.4	40				160		
	4.4	50				190		
	4.4	60				250		
	4.3	70				290		
23:37	4.3	80				330	SHUTDOWN / STAGE 20MINUTES	
0:04	3	90				370	SHUTDOWN / STAGE 20 MINUTES	
0:31	2	101.7				370	LAND PLUG / PRESSURE UP TO 640PSI	
0:33							RELEASE BACK --- FLOAT HELD	
0:35							RUN IN 1" TB TO 150'	
1:13		7					PUMP TB CLEAR W/ 7BBL & CIRCULATE	
1:30	1.9	42.4 slurry				190	PUMP 150SX @ 13.8# / CEMENT TO SURFACE	
1:57							SHUTDOWN / JOB COMPLETE	
Size Hole	12 1/4"	Depth			TYPE	Plug Container		
Size & Wt. Csg.	8 5/8" 24#	Depth	1641'	New / Used	Packer	Depth		
Landing Press.	325.9psi	Depth			Retainer	Depth		
Shoe JI.	41'	Type			Tubing 1"	150'	CIBP	
Customer Signature: <i>[Signature]</i>					Basic Representative:		Daniel Beck	
					Basic Signature:		<i>[Signature]</i>	
					Date of Service:		9/21/2019	