

# CEMENT JOB REPORT



<b>CUSTOMER</b> PETROLEUM DEVELOPMENT				<b>DATE</b> 01-JUL-14				<b>F.R. #</b> 10011079727				<b>SERV. SUPV.</b> FELIPE LANDA													
<b>LEASE &amp; WELL NAME</b> TRINITY #43-7 - API 05123229730000				<b>LOCATION</b> 7-6N-63W				<b>COUNTY-PARISH-BLOCK</b> Weld Colorado																	
<b>DISTRICT</b> Bhibition				<b>DRILLING CONTRACTOR RIG #</b> WO				<b>TYPE OF JOB</b> Plug & Abandon																	
<b>SIZE &amp; TYPE OF PLUGS</b>				<b>LIST-CSG-HARDWARE</b>				<b>MECHANICAL BARRIERS</b>				<b>MD TVD HANGER TYPES MD TVD</b>													
				Retainers				3850																	
<b>PHYSICAL SLURRY PROPERTIES</b>																									
<b>MATERIALS FURNISHED BY BJ</b>				<b>LAB REPORT NO.</b>		<b>SACKS OF CEMENT</b>		<b>SLURRY WTG PPG</b>		<b>SLURRY YLD FT<sup>3</sup></b>		<b>WATER GPS</b>		<b>PUMP TIME HR:MIN</b>		<b>BI SLURRY</b>		<b>BI MIX WATER</b>							
Treated Water								8.3								0									
Plug 2						200		15.8		1.16		5.00				41.48		23.79							
Fresh Water								8.3								10									
Mud Clean								8.34								10									
ClayCare								8.34								5									
Plug 1						55		13.5		1.71		8.29				16.7		10.81							
Fresh Water								8.34								1									
<b>Available Mix Water</b> 150				<b>Bbl. Available Displ. Fluid</b> 150				<b>Bbl.</b>				<b>TOTAL</b> 84.18 34.60													
<b>HOLE</b>												<b>TBG-CSG-D.P.</b>				<b>COLLAR DEPTHS</b>									
<b>SIZE</b>		<b>% EXCESS</b>		<b>DEPTH</b>		<b>ID</b>		<b>OD</b>		<b>WGTL</b>		<b>TYPE</b>		<b>MD</b>		<b>TVD</b>		<b>GRADE</b>		<b>SHOE</b>		<b>FLOAT</b>		<b>STAGE</b>	
						4		4.5		11.6		CSG		3850		3850									
						1.995		2.375		4.7		TBG		3850											
<b>LAST CASING</b>												<b>PKR-CMT RET-BR PL-LINER</b>													
<b>ID</b>		<b>OD</b>		<b>WGTL</b>		<b>TYPE</b>		<b>MD</b>		<b>TVD</b>		<b>BRAND &amp; TYPE</b>		<b>DEPTH</b>		<b>PERF. DEPTH</b>		<b>TOP CONN</b>		<b>WELL FLUID</b>		<b>WGTL</b>			
8.1		8.63		24				415		415		CEMENT RETAINER		3850		TOP		BTM		SIZE		THREAD		WATER BASED	
														0		0		0		2.375		8RD			
<b>DISPL. VOLUME</b>		<b>UOM</b>		<b>TYPE</b>		<b>DISPL. FLUID</b>		<b>WGTL</b>		<b>BUMP PLUG</b>		<b>CAL. PSI</b>		<b>CAL. MAX PSI</b>		<b>OP. MAX</b>		<b>RATED</b>		<b>Operator</b>		<b>RATED</b>		<b>Operator</b>	
10		BBLs		Fresh Water				8.3		0		0		11200		1500		9970		1500		TRANSPOR		T	
								8.34																	
<b>Circulation Prior to Job</b>																									
<b>Circulated Well:</b> Rtg <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				<b>Circulation Time:</b> 1				<b>Circulation Rate:</b> 3 BPM																	
<b>Mud Density In:</b> 8.34 LBS/G Mud Density Out: 8.34 LBS/GAL				<b>PV &amp; YP Mud In:</b>				<b>PV &amp; YP Mud Out:</b>																	
<b>Gas Present:</b> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> Units:				<b>Solids Present at End of Circulation:</b> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>																					
<b>Displacement And Mud Removal</b>																									
<b>Displaced By:</b> Rtg <input type="checkbox"/> BJ <input checked="" type="checkbox"/>				<b>Amount Bled Back After Job:</b> 0 BBLs																					
<b>Returns During Job:</b> <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL				<b>Method Used to Verify Returns:</b> VISUAL																					
<b>Cement Returns at Surface:</b> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO				<b>We're Returns Planned at Surface:</b> <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES																					
<b>Pipe Movement:</b> <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROCATION <input type="checkbox"/> NONE				<b>UNABLE DUE TO STUCK PIPE</b>																					
<b>Centralizers:</b> <input checked="" type="checkbox"/> X NO <input type="checkbox"/> YES				<b>Quantity:</b>				<b>Type:</b> <input type="checkbox"/> BOW <input type="checkbox"/> RIGID																	
<b>Job Pumped Through:</b> <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input checked="" type="checkbox"/> MANIFOLD <input checked="" type="checkbox"/> NO MANIFOLD																									
<b>Plugs</b>																									
<b>Number of Attempts by BJ:</b> 0				<b>Competition:</b>				<b>Wiper Balls Used:</b> <input checked="" type="checkbox"/> X NO <input type="checkbox"/> YES				<b>Quantity:</b>													
<b>Plug Catcher Used:</b> <input checked="" type="checkbox"/> X NO <input type="checkbox"/> YES				<b>Parabow Used:</b> <input checked="" type="checkbox"/> X NO <input type="checkbox"/> YES																					
<b>Was There a Bottom:</b> <input checked="" type="checkbox"/> X NO <input type="checkbox"/> YES				<b>Top of Plug:</b> 0 FT				<b>Bottom of Plug:</b> 0 FT																	
<b>Squeezes (Update Original Treatment Report for Primary Job)</b>																									
<b>BLOCK SQUEEZE</b> <input type="checkbox"/> SHOE SQUEEZE <input type="checkbox"/> TOP OF LINER SQUEEZE <input type="checkbox"/> PLANNED <input type="checkbox"/> UNPLANNED <input type="checkbox"/>																									
<b>Liner Packer:</b> <input checked="" type="checkbox"/> X NO <input type="checkbox"/> YES				<b>Bond Log:</b> <input checked="" type="checkbox"/> X NO <input type="checkbox"/> YES				<b>PSI Applied:</b> 0				<b>Fluid Weight:</b> 0 LBS/GAL													
<b>Casing Test (Update Original Treatment Report for Primary Job)</b>																									
<b>Casing Test Pressure:</b> 0 PSI				<b>With</b> 0 LBS/GAL				<b>Mud</b>				<b>Time Held:</b> 00 Hours 00 Minutes													

# CEMENT JOB REPORT



## Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: 0 FT      Target EMW: 0 LBS/GAL      Actual EMW: 0 LBS/GAL  
 Number of Times Tests Conducted: 0      Mud Weight When Test was Conducted: 0 LBS/GAL

Problems Before Job (I.E. Running Casing, Circulating Well, ETC)

NONE

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)

NONE

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)

NONE

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE

PRESSURE/RATE DETAIL						EXPLANATION			
TIME HR:MIN.	PRESSURE - PSI PIPE	ANNULUS	RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW	TEST LINES	CO. REP.	
06:00	0	0	0	0	NA	ARRIVE ON LOCATION	CIRCULATING WELL - RIG	X	BJ
07:45	0	0	0	0	NA	SPOT TRUCKS/PRE RIG UP SAFETY MEETING			
08:35	0	0	0	0	NA	SAFETY MEETING			
08:48	0	0	.8	1	H2O	LOAD LINES			
08:54	3289	0	0	0	H2O	PRESSURE TEST			
09:00	550	0	.8	16.5	PLUG 1	55 SACKS OF 50:50 POZ (FLYASH) : CLASS "G" CEMENT + 0.6% FL-52 + 0.01 gps FP-6L + 20% SILICA FLOUR + 3% BENTONITE II @ 13.5 PPG			
09:26	900	0	.8	5	H2O	DISPLACE/ RIG STUNG OUT OF RETAINER (6.5 BBLs CEMENT THROUGH RETAINER)			
09:28	818	0	.8	12	H2O	DISPLACE ( 10 BBLs OF CEMENT ON TOP OF RETAINER)			
09:32	0	0	0	0	H2O	BALANCE CEMENT			
09:40	0	0	0	0	H2O	WASH PUMPLINES (RIG PULLING STANDS)			
11:54	0	0	2	10	H2O	MUD CLEAN I			
12:01	48	0	2	5	H2O	CLAYCARE WATER			
12:10	173	0	2.4	41	PLUG 2	200 SACKS OF CLASS "G" CEMENT + 2% CALCIUM CHLORIDE + 0.01 gps FP-6L @ 15.8 PPG			
12:28	223	0	2.4	1	H2O	DISPLACE ( 7 bbls cement to surface )			
12:30	0	0	0	0	H2O	BALANCE CEMENT			
12:45	0	0	0	0	NA	POST JOB RIG DOWN SAFETY MEETING			
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	Service Supervisor Signature:		
Y	N	0	Y	N	7	82	0	Y	N

*[Signature]*