

CEMENT JOB REPORT



CUSTOMER Petroleum Development Corp		DATE 10-DEC-10	F.R. # 1001731560	SERV. SUPV. RYAN SULLIVAN								
LEASE & WELL NAME SLW RANCH #41-7 - API 05123200620000		LOCATION 7-5N-63W		COUNTY-PARISH-BLOCK Weld Colorado								
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Workover		TYPE OF JOB Long String								
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES								
NA-Squeeze No Shoe		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY Bbl MIX WATER					
MATERIALS FURNISHED BY BJ												
Mud Clean II		0	8.4	0	0	00:00	20					
Premlum Lite Cement + Adds		450	11	3.22	19.86	12:00	258.1 213.07					
Fresh Water		0	8.34	0	0	00:00	2.96					
Fresh Water		0	8.34	0	0	00:00	1					
Available Mix Water 300 Bbl. Available Displ. Fluid 50 Bbl.						TOTAL	282.06 213.07					
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS						
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE		
10	0	3160	4.5	11.8	CSG	3160		0	0	0		
LAST CASING		PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID			
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP	RTM	SIZE	THREAD	TYPE	WGT.	
8.625	24	CSG	347	No packer	0	0	0	1.25	8RD	WATER BASED MU	8.4	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator		
3.6	BBLS	Fresh Water Fresh Water	8.34 8.34	0	0	0	4000	3000	0	0	Frac tank	
Circulation Prior to Job												
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1				Circulation Rate: 2 BPM				
Mud Density In: 8.4 LBS/GAL Mud Density Out: 8.4 LBS/GAL				PV & YP Mud In: 0				PV & YP Mud Out: 0				
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> Units:				Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>								
Displacement And Mud Removal												
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>				Amount Bled Back After Job: .2 BBLS								
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL				Method Used to Verify Returns: Visually								
Cement Returns at Surface: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO				Were Returns Planned at Surface: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES								
Pipe Movement: <input type="checkbox"/> ROTATION <input checked="" type="checkbox"/> RECIPROICATION <input type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE												
Centralizers: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Quantity: —				Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID				
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> MANIFOLD <input checked="" type="checkbox"/> NO MANIFOLD												
Plugs												
Number of Attempts by BJ: 0				Competition: 0				Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Quantity:
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES								
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Top of Plug: 0 FT				Bottom of Plug: 0 FT				
Squeezes (Update Original Treatment Report for Primary Job)												
BLOCK SQUEEZE <input type="checkbox"/>		SHOE SQUEEZE <input type="checkbox"/>		TOP OF LINER SQUEEZE <input type="checkbox"/>		PLANNED <input type="checkbox"/>		UNPLANNED <input checked="" type="checkbox"/>				
Liner Packer: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Bond Log: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		PSI Applied: 0		Fluid Weight: 0 LBS/GAL						
Casing Test (Update Original Treatment Report for Primary Job)												
Casing Test Pressure: 0 PSI				With 0 LBS/GAL Mud				Time Held: 00 Hours 00 Minutes				
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								
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None												

CEMENT JOB REPORT



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

PRESSURE/RATE DETAIL

EXPLANATION

TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	EXPLANATION
	PIPE	ANNULUS				
						SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>
						TEST LINES 4957 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
07:45	0	0	0	0	N/A	Pre-rig up safety meeting
08:54	0	0	0	0	N/A	Pre-job safety meeting
09:00	881	0	0	0	WATER	Low pressure test
09:01	4957	0	0	0	WATER	High pressure test
09:03	2048	0	2	20	WATER	Pre-flush
09:20	2034	0	1.9	64	CEMENT	Batch-up, weigh, & pump 225 sx of PLC + 4% Bentonite + 0.6% SMS + 8 lbs/sk CSE-2 @ 11 ppg
09:50	1763	0	1.7	65	CEMENT	Rate change due to pressure
10:29	1653	0	1.6	2.5	WATER	Displace
10:32	0	0	0	0	N/A	Switch over to rig to pull tubing
11:17	1784	0	2.2	40	CEMENT	Batch-up & pump 225 sx of PLC + 4% Bentonite + 0.6% SMS + 8 lbs/sk CSE-2 @ 11 ppg
11:35	800	0	1	1	WATER	Displace
11:37	0	0	0	0	N/A	Job done, pre-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 <input type="checkbox"/> N <input checked="" type="checkbox"/>	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	12	192.5	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

X J.L