

CEMENT JOB REPORT



CUSTOMER Petroleum Development Corp 0		DATE 26-JAN-11	F.R. # 1001752088	SERV. SUPV. PHILLIP S MULLINS											
LEASE & WELL NAME STATE #23-4 - API 05123206780000		LOCATION Sec.4 - T5N - R63W		COUNTY-PARISH-BLOCK Weld Colorado											
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Ensign 301		TYPE OF JOB Long String											
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES											
				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				/	/	-	-	-	-	-					
Fresh Water				0	8.34	0	0	00:00	10	-					
Premium Lite Cement + Adds				180	11	3.22	19.86	04:00	100	82.55					
Fresh Water				0	8.34	0	0	00:00	0.5	-					
Mud Clean II				0	8.43	0	0	00:00	10	-					
Fresh Water				0	8.34	0	0	00:00	10	-					
Available Mix Water <u>220</u> Bbl.		Available Displ. Fluid <u>219.5</u> Bbl.		TOTAL				130.5	82.55						
HOLE			TBG-CSG-D.P.				COLLAR DEPTHS								
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE					
10	0	6930	4.5	10.5	CSG	1988	J-55	-	-	0					
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID					
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.			
8.625	24	CSG	410	No packer		0	0	0	4.5	8RD	WATER BASED MU	8.7			
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					
0.5	BBLs	-	-	0	0	0	0	0	3832	2500	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: 8.7 LBS/GAL				Mud Density Out: 0 LBS/GAL				PV & YP Mud In: 0				PV & YP Mud Out: 0			
Gas Present: NO <input type="checkbox"/> YES <input checked="" type="checkbox"/>				Units: 0				Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>							
Displacement And Mud Removal															
Displaced By: Rig <input checked="" type="checkbox"/> BJ <input checked="" type="checkbox"/>				Amount Bled Back After Job: .25 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 type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 0				Type: <input checked="" 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											

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

N/A

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

N/A

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

N/A

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

PRESSURE/RATE DETAIL						EXPLANATION		
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>		
	PIPE	ANNULUS				TEST LINES	4520 PSI	
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/>	BJ
08:05	0	0	0	0	N/A	Pre rig up safety meeting		
08:45	0	0	0	0	N/A	Pre job safety meeting		
09:06	4520	0	0	0	H2O	Pressure test pumps and line		
09:08	1450	0	2	10	H2O	Spacer		
09:15	1350	0	2	10	MUD CLEA	Mud flush		
09:20	1350	0	2	10	H2O	Spacer		
09:25	1500	0	2.1	100	CEMENT	Batchup and pump 180 sks of PLC + 4% Bentonite + 0.6% SM + 8 lbs/sack CSE-2 @ 11.0#		
10:17	1340	0	1.7	.5	H2O	Displace		
10:18	0	0	0	0	N/A	Stop service		
10:25	0	0	0	0	N/A	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 <input checked="" type="checkbox"/> N	0	Y <input checked="" type="checkbox"/> N	4	130.5	0	Y <input checked="" type="checkbox"/> N		

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