

CEMENT JOB REPORT



CUSTOMER MARATHON OIL - XML			DATE 26-SEP-11		F.R. # 1001855675		SERV. SUPV. RYAN SULLIVAN				
LEASE & WELL NAME PAWNEE CREEK 9-57-18 #1M - API 0512333666000			LOCATION 18-9N-57W			COUNTY-PARISH-BLOCK Weld Colorado					
DISTRICT Brighton			DRILLING CONTRACTOR RIG #			TYPE OF JOB Long String					
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE			PHYSICAL SLURRY PROPERTIES						
Cement Plug, Rubber, Top 5-1/2 in		Centralizer, with Pins, 5-1/2 in			SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
		Float Collar, Auto Fill, 5-1/2 - 8rd									
MATERIALS FURNISHED BY BJ											
50:50:3 + 0.4% FL-52+0.1% SMS+20%S-8 + 0.2% R-3					182	13.5	1.74	8.04	11:37	56.4	34.77
Fresh Water					0	8.34	0	0	00:00	139.1	
Ultra Flush spacer					0	8.5	0	0	00:00	40	
Water + Claycare and Alpha-125					0	8.34	0	0	00:00	20	
Premium Lite+.25#/skCF+5#/skKS+.4%FL52+3%Gel					608	12.5	1.93	10.17	11:22	209	147.57
Available Mix Water _____ Bbl.		Available Displ. Fluid _____ Bbl.		TOTAL						464.5	182.34
HOLE			TBG-CSG-D.P.				COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE	
7.875	20	6360	5.5	20	CSG	6359	P-110	6359	6269		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	WGT.
8.625	32	CSG	670	No packer		0	0	0	5.5	8RD	9.4
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	
139.1	BBLS	Fresh Water	8.34	1421	0	0	0	0	10112	3000	Frac tank
Circulation Prior to Job											
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 3			Circulation Rate: 6 BPM		
Mud Density In: 9.4 LBS/GAL Mud Density Out: 9.4 LBS/GAL						PV & YP Mud In: 22			PV & YP Mud Out: 22		
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: 1.3 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 type="checkbox"/> RECIPROICATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE											
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES						Quantity: 44		Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID			
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input checked="" type="checkbox"/> MANIFOLD <input 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 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)

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		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 4249 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
19:00	0	0	0	0	N/A	Spot trucks on location, pre-rig up safety meeting	
21:20	0	0	0	0	N/A	Pre-job safety meeting	
21:56	1388	0	0	0	WATER	Low pressure test	
21:58	4249	0	0	0	WATER	High pressure test	
22:01	598	0	5.6	20	CLAYCARE	Claycare water	
22:06	360	0	1.6	40	ULTRA FLU	Ultra flush II spacer w/ LCM	
22:30	94	0	4.1	214	CEMENT	Batch-up, weigh, & pump 608 sx of PLC + 0.25 lbs/sk Cello Flake + 5 lbs/sk Kol-Seal + 0.4% FL-52 + 3% Bentonite @ 12.5 ppg	
23:26	100	0	4.1	62	CEMENT	Mix, weigh, & pump 182 sx of (50:50) Poz:G + 0.25 lbs/sk Cello Flake + 5 lbs/sk Kol-seal + 0.4% FL-52 + 3% Bentonite + 0.1% SM + 20% S-8 @ 13.5 ppg	
23:45	0	0	0	0	N/A	Drop plug & wash-up pumps & lines	
21:51	116	0	6.5	32	WATER	Displace	
00:01	260	0	4.1	93	WATER	Caught cement	
00:23	1449	0	2.6	14	WATER	Rate change	
00:29	1740	0	2.6	139	WATER	Bump plug to 2569 psi	
00:35	0	0	0	0	N/A	Pre-rig down safety meeting	
BUMPED PLUG <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	PSI TO BUMP PLUG 1740	TEST FLOAT EQUIP. <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 45	TOTAL BBL. PUMPED 475	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input type="checkbox"/> N	Service Supervisor Signature:

