

CEMENT JOB REPORT



CUSTOMER Kerr McGee Corp		DATE 14-JUL-10	F.R. # 1001650094	SERV. SUPV. RYAN SULLIVAN								
LEASE & WELL NAME UPRR 22 PAN AM UT/S #1 - API 05123144030000		LOCATION Sec.17 - T3N - R65W		COUNTY-PARISH-BLOCK Weld Colorado								
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Work-Over		TYPE OF JOB Squeeze-Hole								
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES								
NA-Squeeze		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												
Premium Lite Cement + adds		222	12.5	1.89	10.37	01:00	74.80 54.80					
Fresh Water		0	8.34	0	0	00:00	5					
Fresh Water		0	8.34	0	0	00:00	10					
Fresh Water		0	8.34	0	0	00:00	5					
Calcium Chloride Water		0	8.34	0	0	00:00	10					
Sodium Metasilicate Water		0	8.34	0	0	00:00	10					
Class "G" Neat		50	15.8	1.15	5.00		10.22 5.95					
Fresh Water		0	8.34	0	0	00:00	16.5					
Available Mix Water	200 Bbl.	Available Displ. Fluid	200 Bbl.	TOTAL			141.52 60.75					
HOLE			TBG-CSG-D.P.			COLLAR DEPTHS						
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE		
			5.5	17	CSG	4750						
			2.375	4.7	TBG	4645						
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.
				Cement Retainer		4645	4749	4750	2.375	8RD	FRESH WATER	8.34
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		
16.5	BBLS	Fresh Water	8.34	0	2000	2000	8960	2000	0	0	Transport	
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: 8.34 LBS/GAL				Mud Density Out: 8.34 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: .1 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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO				Were Returns Planned at Surface: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES								
Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROCATION <input checked="" 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 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: 15.8 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						

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		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 3000 PSI		CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>																	
11:35	0	0	0	0	N/A	Pre-rig up safety meeting																			
12:40	0	0	0	0	N/A	Pre-job safety meeting																			
12:53	1600	0	0	0	WATER	Low pressure test / Backside pressure test																			
12:55	3000	0	0	0	WATER	High pressure test																			
12:58	500	0	0	0	WATER	Pressure up backside																			
13:07	236	0	1.6	10	WATER	Freshwater																			
13:31	935	0	3.6	10	CACL	Calcium chloride																			
13:36	840	0	3.6	5	WATER	Freshwater																			
13:40	910	0	3.6	10	SMS	Sodium metasilicate																			
13:47	1279	0	4	35	CEMENT	Batch-up and pump 222 sx of PLC + 0.25% R-3 + 0.4% FL-52 + 3% Bentonite @ 12.5 ppg																			
13:59	1366	0	4	32	CEMENT	Rate and pressure check																			
14:11	90	0	2	9.3	CEMENT	Batch-up and pump 50 sx of Class G @ 15.8 ppg																			
14:15	1253	0	3.5	16.5	WATER	Displace, did not wash-up pumps and lines per customer request																			
14:23	1296	0	3.5	28	WATER	Reverse through backside																			
14:35	0	0	0	0	N/A	Job done, pre-rig down safety meeting																			
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>BUMPED PLUG</th> <th>PSI TO BUMP PLUG</th> <th>TEST FLOAT EQUIP.</th> <th>BBL.CMT RETURNS/ REVERSED</th> <th>TOTAL BBL. PUMPED</th> <th>PSI LEFT ON CSG</th> <th>SPOT TOP OUT CEMENT</th> <th>Service Supervisor Signature:</th> </tr> </thead> <tbody> <tr> <td>Y <input type="checkbox"/> N <input checked="" type="checkbox"/></td> <td>0</td> <td>Y <input type="checkbox"/> N <input checked="" type="checkbox"/></td> <td>0</td> <td>160.8</td> <td>0</td> <td>Y <input type="checkbox"/> N <input checked="" type="checkbox"/></td> <td style="text-align: center; vertical-align: middle;"></td> </tr> </tbody> </table>										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"/>	0	160.8	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
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