

CEMENT JOB REPORT



CUSTOMER Noble Energy, Inc.			DATE 04-JUN-10		F.R. # 1001628578		SERV. SUPV. RYAN SULLIVAN			
LEASE & WELL NAME PARKER RED D #23-2J - API 05123165530000			LOCATION 23-3N-64W			COUNTY-PARISH-BLOCK Weld Colorado				
DISTRICT Brighton			DRILLING CONTRACTOR RIG #			TYPE OF JOB Plug & Abandon				

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	
Class "G" Neat				50	15.8	1.15	4.98		10.24	5.93
Fresh Water				0	8.34	0	0	00:00	5.5	
Fresh Water				0	8.34	0	0	00:00	10	
10.5# PLC				195	10.5	3.98	25.59	00:00	138.21	118.82
Fresh Water				0	8.34	0	0	00:00	1.75	
Fresh Water				0	8.34	0	0	00:00	10	
Class "G"				320	15.8	1.15	5.00	00:00	65.43	38.08
Freshwater				0	8.34	0	0	00:00	1	
Available Mix Water <u>220</u> Bbl. Available Displ. Fluid <u>50</u> Bbl.									TOTAL	252.12 162.83

HOLE			TBG-CSG-D.P.				COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
10	0	7550	3.5	9.3	CSG	7500				

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.
				No packer		0	0	0	1.25	8RD	WATER BASED MU	10

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				
8.3	BBLS	Fresh Water	8.34	0	0	0	3500	2500	0	0	Transports			
		Fresh Water	8.34											

Circulation Prior to Job

Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 2		Circulation Rate: 2 BPM	
Mud Density In: 10 LBS/GAL Mud Density Out: 10 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 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"/> RECIPROCATION <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 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	
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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)
 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 4400 PSI		
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		
08:30	0	0	0	0	N/A	Pre-rig up safety meeting		
09:50	0	0	0	0	N/A	Pre-job safety meeting		
09:56	1456	0	0	0	WATER	Low pressure test		
09:57	4400	0	0	0	WATER	High pressure test		
10:01	2193	0	2	10	WATER	Pre-flush		
10:11	1609	0	1.6	9.7	CEMENT	Batch-up and pump 50 sx Class G + 0.4% R-3 @ 15.8 ppg		
10:20	1864	0	1.6	5.5	WATER	Displace		
10:25	0	0	0	0	N/A	Shut-down, pull tubing		
11:03	1565	0	2	10	WATER	Pre-flush		
11:11	1625	0	2	137	CEMENT	Batch-up and pump 195 sx of PLC + 10% Bentonite + 0.5% SMS + 3 lbs/sk CSE-2 @ 10.5 ppg		
12:17	1217	0	1.6	1.75	WATER	Displace		
12:21	0	0	0	0	N/A	Shut-down, pull tubing		
13:15	353	0	2.1	5	WATER	Pre-flush		
13:26	550	0	1.5	67	CEMENT	Batch-up and pump 320 sx of Class G @ 15.8 ppg - Approx. 8 bbls of 10.5# cement in returns between 33 & 41 bbls of displacement.		
14:11	561	0	2.1	1	WATER	Displace		
14:25	0	0	0	0	N/A	Pre-rig down safety meeting		
BUMPED PLUG Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	PSI TO BUMP PLUG 0	TEST FLOAT EQUIP. Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	BBL.CMT RETURNS/ REVERSED 7	TOTAL BBL. PUMPED 246.9	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	Service Supervisor Signature:	