

CEMENT JOB REPORT



CUSTOMER Noble Energy Production Inc		DATE 19-JUN-06	F.R. # 225130530	SERV. SUPV. NATHANIEL J WINDHOLZ							
LEASE & WELL NAME POWERS 12-22 - API 05123212550000		LOCATION 22-2N-65W		COUNTY-PARISH-BLOCK Weld Colorado							
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Workover		TYPE OF JOB Squeeze-Hole							
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			8.34				2				
Fresh Water			8.34				1				
Class "G" + 2% CaCl		247	15.8	1.16	5.01	02:15	51.23 29.44				
Available Mix Water 80 Bbl. Available Displ. Fluid 80 Bbl.		TOTAL					54.23 29.44				
HOLE		TBG-CSG-D.P.			COLLAR DEPTHS						
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE				
12.5		900	4.5	11.6	CSG	900	M-75				
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	803	NO PACKER	0	0	0	1.25	BRD	WATER BASED ML	9.3
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	
1	BBLs	Fresh Water	8.34	0		0	6000	2000	0	0	TRANSPORT
Circulation Prior to Job											
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1				Circulation Rate: 1 BPM			
Mud Density In: 9.3 LBS/GAL Mud Density Out: 9.3 LBS/GAL				PV & YP Mud In: 18				PV & YP Mud Out: 18			
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: EYE							
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 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: 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							
Problems Before Job (I.E. Running Casing, Circulating Well, ETC) N/A											

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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 type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	4000 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
12:04	4000	0	0	0	H2O	TEST	
12:06	480	0	2	5	H2O	BREAK CIRCULATION	
12:15	990	0	2	47	CMT	BATCH UP AND PUMP 247 SKS G + ADDS @ 15.8 PPG	
12:40	1300	0	2	1	H2O	DISPLACE	
						Service Supervisor Signature:	
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	
Y <input checked="" type="checkbox"/> N	0	Y <input checked="" type="checkbox"/> N	10	54	0	Y <input checked="" type="checkbox"/> N	