

# CEMENT JOB REPORT



CUSTOMER Noble Energy - Denver			DATE 30-NOV-07		F.R. # 225135257		SERV. SUPV. STEVEN W STEWART								
LEASE & WELL NAME STATE #A36-11 - API 05123147890000			LOCATION 36-6N-64W			COUNTY-PARISH-BLOCK Weld Colorado									
DISTRICT Brighton			DRILLING CONTRACTOR RIG # Workover			TYPE OF JOB Squeeze-Top									
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE			PHYSICAL SLURRY PROPERTIES										
					SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sup>3</sup>	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER				
MATERIALS FURNISHED BY BJ															
Fresh Water						8.34				20					
Freshwater						8.34				8					
Class G Cement + Additives					60	15.8	1.15	4.97	06:00	11.5	6.64				
Fresh Water						8.34				5					
Premium Lite + Additives					370	10.5	3.98	25.63		250	215.03				
Fresh Water						8.34				3					
Fresh Water						8.34				1					
Fresh Water						8.34				2					
Type III Neat					300	14.4	1.41	6.98		72	47.56				
Available Mix Water		600 Bbl.		Available Displ. Fluid		331 Bbl.		TOTAL		372.5	269.22				
HOLE			TBG-CSG-D.P.				COLLAR DEPTHS								
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE					
8	0	6950	9.625	36	CSG	302	J-55				580				
			2.875	6.5	CSG	6950	N-80								
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.			
9.625	36	CSG	400	No Packer		0	0	0	1.25	8RD	OTHER	8.6			
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					
12	BBSL	Freshwater	8.34	0	2700	0	6320	3000	4230	3000	Frac Tank				
		Fresh Water	8.34												
Circulation Prior to Job															
Circulated Well: Rig <input type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 0				Circulation Rate: 0 BPM							
Mud Density In: 0 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 type="checkbox"/> BJ <input checked="" type="checkbox"/>				Amount Bled Back After Job: 0 BBSL											
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL				Method Used to Verify Returns: Visual											
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 checked="" type="checkbox"/> RECIPROICATION <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			
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None															

## CEMENT JOB REPORT



### 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)

Deck engines not pulgged in the night before causing a delay in leaving the yard due to difficult deck engine start-up

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

Rig stuck tubing in the hole while trying to go back in for Tail Slurry

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

N/A

#### PRESSURE/RATE DETAIL

#### EXPLANATION

TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	EXPLANATION	
	PIPE	ANNULUS				SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	TEST LINES 4000 PSI
						CIRCULATING WELL - RIG <input type="checkbox"/> BJ <input type="checkbox"/>	
08:28	4000	0	.3	.3	H2O	Pressure Test	
08:31	2450	0	1.8	20	H2O	Pre-flush	
08:43	2370	0	1.8	11.5	CMT	Batch up and pump Lead Slurry of G = adds @ 15.8 PPG	
08:59	2480	0	1.8	8	H2O	Displacement	
09:06	0	0	0	0	N/A	Pull to 4204'	
09:32	1170	0	2	5	H2O	Pre-flush	
09:43	2185	0	2.4	145	CMT	Batch up and pump 1st Spacer slurry of PLC + adds @ 10.5 PPG	
10:41	2750	0	2.4	1.5	H2O	Displacement	
10:45	0	0	0	0	N/A	Pull to 2808'	
11:04	1890	0	2.5	105	CMT	Batch up and pump 2nd spacer slurry of PLC + adds @ 10.5 PPG	
11:49	1973	0	2.5	1.5	H2O	Displacement	
11:55	0	0	0	0	N/A	Pull to 580'	
13:20	740	0	2	20	H2O	Pre-flush	
13:28	755	0	2	72	CMT	Batch up and pump Tail Slurry of Type III + adds @ 14.4 PPG	
14:01	320	0	1.5	2		Displacement	

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	392	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	



# BJ Services JobMaster Program Version 3.10

Job Number: 225135257

Customer: Noble

Well Name: State #A36-11

