

# CEMENT JOB REPORT



CUSTOMER Noble Energy Production Inc			DATE 01-JUN-06		F.R. # 225130434		SERV. SUPV. STEVEN W STEWART					
LEASE & WELL NAME Louis C Camp B#1			LOCATION Sec.30-T3N-R65W			COUNTY-PARISH-BLOCK Weld Colorado						
DISTRICT Brighton			DRILLING CONTRACTOR RIG # Action			TYPE OF JOB Squeeze-Perforation						
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												
Class G Cement Plus Additives						313	13.5	1.92	9.19	03:00	107.11	68.51
Fresh Water							8.34				17	
Fresh Water							8.34				10	
Available Mix Water 400 Bbl.			Available Displ. Fluid 270 Bbl.						TOTAL		134.11	68.51
HOLE			TBG-CSG-D.P.				COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE		
			4.5	11.6	CSG	7998	N-80					
			2.375	4.7	TBG	4245	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.
				Cement Retainer		4245	4200	4800	2.375	8RD	KCL WATER	8.43
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		
15.5	BBLs	Fresh Water	8.34	0	1136	2500	8960	3000	6224	3000	Transport	
Circulation Prior to Job												
Circulated Well: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>			Circulation Time: .1			Circulation Rate: 2.1 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: .3 BBLs									
Returns During Job: <input type="checkbox"/> NONE <input checked="" type="checkbox"/> PARTIAL <input type="checkbox"/> FULL			Method Used to Verify Returns: Visual									
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 checked="" 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: 2500			Fluid Weight: 8.34 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									
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None												

# CEMENT JOB REPORT



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

### 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 type="checkbox"/>	TEST LINES 4000 PSI
						CIRCULATING WELL - RIG <input type="checkbox"/> BJ <input checked="" type="checkbox"/>	
11:02	370	0	2.1	6	H2O	Break Circulation	
11:27		2000	.3	.3	H2O	Pressure Test Backside	
11:28	4000	0	.3	.3	H2O	Pressure Test Pump and Lines	
11:37	800	0	2.1	10	H2O	Pre-flush	
11:42	975	0	2.1	108	CMT	Batch up and Pump Lead Slurry of 50:50 POZ + adds @ 13.5 PPG	
12:28	552	0	2.1	15.5	H2O	Displacement	
12:36	0	0	0	0	N/A	Pull 3 Joints	
12:47	1500	0	3.4	70	H2O	Reverse Out, Cement returns @ 44 Bbls. away, clear @ 51	
13:10	0	0	0	0	N/A	Shutdown	

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"/>		Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	7	209	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

# CEMENT JOB REPORT



CUSTOMER Noble Energy Production Inc		DATE 05-JUN-06	F.R. # 225130448	SERV. SUPV. JOSHUA K GOFF											
LEASE & WELL NAME LOUIS C CAMP B#1		LOCATION SEC 30 - 3 N - 65 W		COUNTY-PARISH-BLOCK Weld Colorado											
DISTRICT Brighton		DRILLING CONTRACTOR RIG # ACTION		TYPE OF JOB Squeeze-Perforation											
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															
Class G Cement Plus Additives		150	15.8	1.15	5.00	02:16	30.67 17.85								
Fresh Water			8.34				2								
Fresh Water			8.34				10								
CACL2 MIX WATER			8.4				4.76								
Available Mix Water 200 Bbl.		Available Displ. Fluid 100 Bbl.		TOTAL			47.43 17.85								
HOLE		TBG-CSG-D.P.			COLLAR DEPTHS										
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE								
			4.5	10.5	CSG	7998									
			2.375	4.7	TBG	393.7	J-55								
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.				
				TENSION PACKER	393	735	735	2.375	8 RD	WATER BASED MU	9.1				
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					
7.6	BBLs	Fresh Water	8.34	0	0	3000	7000	3000	5000	3000	FRAC TANK				
Circulation Prior to Job															
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 5				Circulation Rate: 1.5 BPM							
Mud Density In: 9.2 LBS/GAL				Mud Density Out: 9.2 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: 2 BBLs											
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FULL				Method Used to Verify Returns:											
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"/> 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 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 checked="" 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: 1520		Fluid Weight: 8.34 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											

# CEMENT JOB REPORT



Problems Before Job (I.E. Running Casing, Circulating Well, ETC)

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

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

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:

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	4400 PSI	CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
07:45	0	0	0	0	N/A	SAFETY MEETING		
07:50	4400	0	0	0	H2O	TEST LINE		
07:53	1000	0	1.95	10	H2O	WATER AHEAD		
08:01	1000	0	1.9	30.2	CMT	BATCH AND PUMP CEMENT @ 15.8# CaCl2 MIX WATER LAST 9 BBLs		
08:22	1580	0	2	4.2	H2O	DISPLACEMENT		
08:24	400	0	0	0	H2O	SHUT DOWN, WASH UP		
08:56	300	0	0	0	H2O	EQUALIZE PRESSURE		
08:59	550	0	.5	.5	H2O	SQUEEZE		
09:31	900	0	.4	.5	H2O	SQUEEZE		
10:10	1360	0	.2	.3	H2O	SQUEEZE		
10:45	1520	0	.1	.1	H2O	SQUEEZE		
10:57	0	0	0	0	H2O	SQUEEZE SUCCESSFUL		

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	25.8	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

# CEMENT JOB REPORT



CUSTOMER Noble Energy Production Inc		DATE 16-JUN-06	F.R. # 225130518	SERV. SUPV. Steve Devers								
LEASE & WELL NAME LOUIS C CAMP B 1 - API 05123077450001		LOCATION 30-3N-65W		COUNTY-PARISH-BLOCK Weld Colorado								
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Action		TYPE OF JOB Liner								
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES								
Latch Down Plug & Assembly, 2-7/8				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					10		
Premium Lite Cement + Additives					110	11	3.31	20.43	04:00	62.8	51.81	
50:50 Poz:G + Additives					110	13.5	1.92	9.17	04:00	36.2	23.13	
Fresh Water					8.34					45.15		
Available Mix Water 250 Bbl.		Available Displ. Fluid 170 Bbl.		TOTAL				154.15	74.94			
HOLE			TBG-CSG-O.P.				COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE		
4.052		7830	2.875	6.5	CSG	7800						
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.
4.5	10.5		7830	No packer		0			2.875	8RD	KCL WATER	8.43
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		
44.9	BBLs	Fresh Water	8.34	2500	1554	0	8000	4000	0	0	Frac tank	
<b>Circulation Prior to Job</b>												
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time:				Circulation Rate: BPM				
Mud Density In: LBS/GAL				Mud Density Out: LBS/GAL				PV & YP Mud In:		PV & YP Mud Out:		
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"/>				
<b>Displacement And Mud Removal</b>												
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 type="checkbox"/> FULL				Method Used to Verify Returns:								
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"/> 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 type="checkbox"/> NO MANIFOLD												
<b>Plugs</b>												
Number of Attempts by BJ:				Competition:				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: FT				Bottom of Plug: FT				
<b>Squeezes (Update Original Treatment Report for Primary Job)</b>												
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:		Fluid Weight: LBS/GAL						
<b>Casing Test (Update Original Treatment Report for Primary Job)</b>												
Casing Test Pressure: PSI		With LBS/GAL		Mud		Time Held: Hours		Minutes				
<b>Shoe Test (Update Original Treatment Report for Primary Job)</b>												
Depth Drilled out of Shoe: FT				Target EMW: LBS/GAL				Actual EMW: LBS/GAL				
Number of Times Tests Conducted:				Mud Weight When Test was Conducted: LBS/GAL								
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:												

# CEMENT JOB REPORT



Problems Before Job (I.E. Running Casing, Circulating Well, ETC)

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

After dropping the plug we caught cement in 4 bbls and the pressure started climbing, circulation was stopping. At this time we surged the pressure off and resumed to displace. The pressure started to fall and circulation increased slightly. The pressure increased all through displacement and circulation was never regained.

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

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	3450 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
14:00	0	0	0	0	0	Arrive location.	
15:45	0	0	0	0	0	Safety meeting.	
16:02	3450	0	0	0	WATER	Pressure test.	
16:04	415	0	2	20	WATER	Pump ct-3c water ahead.	
16:22	368	0	2.4	62.8	CEMENT	Batch and pump 11# lead.	
16:44	645	0	2.5	36.2	CEMENT	Pump tail @ 13.5#.	
16:57	0	0	0	0	WATER	Shut down wash up and drop plug.	
17:06	275	0	2	4	WATER	Start displacement, pressure climbing.	
17:10	3218	0	1.3	41	WATER	Bump plug.	
<b>BUMPED PLUG</b>	<b>PSI TO BUMP PLUG</b>	<b>TEST FLOAT EQUIP.</b>	<b>BBL.CMT RETURNS/ REVERSED</b>	<b>TOTAL BBL. PUMPED</b>	<b>PSI LEFT ON CSG</b>	<b>SPOT TOP OUT CEMENT</b>	<b>Service Supervisor Signature:</b>
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	5648	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	164	2500	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<i>Steve Jones</i>