

# CEMENT JOB REPORT



CUSTOMER PETERSON ENERGY OPERAT		DATE 17-APR-13	F.R. # 1001981282	SERV. SUPV. JASON L SJOBERG	
LEASE & WELL NAME NEILSEN #4-23 - API 05123344310000		LOCATION 23-1N-62W		COUNTY-PARISH-BLOCK Weld Colorado	
DISTRICT Brighton		DRILLING CONTRACTOR RIG # ENSIGN 226		TYPE OF JOB Plug & Abandon	
SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES MD TVD
None	No Shoe	None	0	0	None 0 0
<b>PHYSICAL SLURRY PROPERTIES</b>					
MATERIALS FURNISHED BY BJ	LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sup>3</sup>	WATER GPS
Spacer Ahead FW	0	0	8.34	0	00:00
Class G Neat	0	60	15.8	1.15	5.00
Spacer Behind FW	0	0	8.34	0	00:00
Fresh Water	0	0	8.34	0	00:00
Spacer Ahead FW	0	0	8.34	0	00:00
Class G Neat	0	40	15.8	1.15	5.00
Spacer Behind FW	0	0	8.34	0	00:00
Fresh Water	0	0	8.34	0	00:00
Spacer Ahead FW	0	0	8.34	0	00:00
Class G Neat	0	40	15.8	1.15	5.00
Spacer Behind FW	0	0	8.34	0	00:00
Fresh Water	0	0	8.34	0	00:00
Spacer Ahead FW	0	0	8.34	0	00:00
Class G Neat	0	15	15.8	1.15	5.00
Fresh Water	0	0	8.34	0	00:00
Available Mix Water 350 Bbl.		Available Displ. Fluid 350 Bbl.		TOTAL 194.69 18.45	
HOLE		TBG-CSG-D.P.			
SIZE	% EXCESS	DEPTH	ID	OD	WGT.
7.875	0	8450	8.097	8.625	24
			3.24	4	15.7
		CSG			
		7098 7098 P-110			
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH	
ID	OD	WGT	TYPE	MD	TVD
			BRAND & TYPE	DEPTH	TOP
			No Packer	0	
				4 FH	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.
71.9	BBLS	Fresh Water	8.34	0	0
		Fresh Water	8.34		
				0 0 0 0 7816 3000	
				Truck	
<b>Circulation Prior to Job</b>					
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time: 1		
Mud Density In: 8.8 LBS/GAL			Mud Density Out: 8.8 LBS/GAL		
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>			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: 0 BBLS		
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"/> 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					
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None					

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## Plugs

Number of Attempts by BJ: 4 Competition: 4 Wiper Balls Used: ☒ NO ☐ YES Quantity:  
 Plug Catcher Used: ☒ NO ☐ YES Parabow Used: ☒ NO ☐ YES  
 Was There a Bottom: ☒ NO ☐ YES Top of Plug: 6900 FT Bottom of Plug: 7098 FT

## Squeezes (Update Original Treatment Report for Primary Job)

BLOCK SQUEEZE ☐ SHOE SQUEEZE ☐ TOP OF LINER SQUEEZE ☐ PLANNED ☐ UNPLANNED ☐  
 Liner Packer: ☒ NO ☐ YES Bond Log: ☒ NO ☐ 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)  
 None

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)  
 Valves freezing, product line packed off, Co man wanted to circulate out what was pumped so far. Rig circulated out and we started over.

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)  
 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	4515 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
18:30	0	0	0	0	N/A	Yard Call	
20:10	0	0	0	0	N/A	Leave Yard	
23:00	0	0	0	0	N/A	Arrive on Location	
23:45	0	0	0	0	N/A	Spot Trucks	
23:55	0	0	0	0	N/A	Pre Rig-up Safety Meeting	
02:00	0	0	0	0	N/A	Safety Meeting	
03:10	4089	0	0	0	H2O	Pressure Test Pump and Lines	
03:38	550	0	5	5	H2O	Preflush Fresh Water	
03:52	600	0	4.7	5	CMT	Batch, Weigh, Pump 15.8# Class G Neat	
04:00	0	0	0	0	N/A	Product line packed off, Rig circulated cement out of hole	
05:25	4515	0	0	0	H2O	Pressure Test Pump and Lines	
05:35	450	0	3.4	5	H2O	Preflush Fresh Water	
05:37	625	0	4.7	12.3	CMT	Batch and Pump 15.8# Class G Neat @ 7098'	
05:46	200	0	4.9	1	H2O	Displacement	
05:49	174	0	4.9	69	MUD	Displacement	
06:08	0	0	0	0	N/A	Rig pull up pipe for next plug @ 6242'	
07:41	4139	0	0	0	H2O	Pressure Test Pump and Lines	
07:49	525	0	4.9	5	H2O	Preflush Fresh Water	
07:58	345	0	3.2	8.2	CMT	Batch and Pump 15.8# Class G Neat	
08:04	340	0	3.2	1	H2O	Displacement	
08:06	148	0	4.8	60	MUD	Displacement	
08:27	0	0	0	0	N/A	Rig pull up pipe for next plug @ 854'	
12:46	4440	0	0	0	H2O	Pressure Test Pump and Lines	
12:54	199	0	4.9	5	H2O	Preflush Fresh Water	
12:56	123	0	2.5	8.2	CMT	Batch and Pump 15.8# Class G Neat	
13:03	120	0	2.5	1	H2O	Displacement	
13:05	123	0	3.7	6.2	MUD	Displacement	



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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	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
13:14	0	0	0	0	N/A	Rig pull up pipe for next plug @ 85'	
14:30	60	0	2.5	5	H2O	Preflush Fresh Water	
14:41	90	0	2.5	3.1	CMT	Batch and Pump 15.8# Class G Neat	
14:43	50	0	1	.3	H2O	Displacement	
14:50	0	0	0	0	N/A	Post Job Safety Meeting	
BUMPED PLUG Y <input checked="" type="checkbox"/> N	PSI TO BUMP PLUG 0	TEST FLOAT EQUIP. Y <input checked="" type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 201	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input checked="" type="checkbox"/> N	Service Supervisor Signature: _____

