

# CEMENT JOB REPORT



<b>CUSTOMER</b> BAYSWATER EXPLORATION &			<b>DATE</b> 31-MAR-15		<b>F.R. #</b> 10011147147			<b>SERV. SUPV.</b> ERIC S DEWIT						
<b>LEASE &amp; WELL NAME</b> SHERLEY #G-4-9HC - API 05123408960000			<b>LOCATION</b> 4-5N-65W			<b>COUNTY-PARISH-BLOCK</b> Weld Colorado								
<b>DISTRICT</b> Brighton			<b>DRILLING CONTRACTOR RIG #</b> FRONTIER 10			<b>TYPE OF JOB</b> Intermediate								
<b>SIZE &amp; TYPE OF PLUGS</b>		<b>LIST-CSG-HARDWARE</b>			<b>MECHANICAL BARRIERS</b>		<b>MD</b>	<b>TVD</b>	<b>HANGER TYPES</b>		<b>MD</b>	<b>TVD</b>		
Cement Plug, Rubber, Top 7 in		Centralizer, with Pins, 7 in												
		Float Collar, Auto Fill, 7 - 8rd												
		Float Shoe 7 - 8rd												
<b>MATERIALS FURNISHED BY BJ</b>				<b>LAB REPORT NO.</b>		<b>PHYSICAL SLURRY PROPERTIES</b>								
						<b>SACKS OF CEMENT</b>	<b>SLURRY WGT PPG</b>	<b>SLURRY YLD FT<sup>3</sup></b>	<b>WATER GPS</b>	<b>PUMP TIME HR:MIN</b>	<b>Bbl SLURRY</b>	<b>Bbl MIX WATER</b>		
FRESH WATER						0	8.34	0	0		20			
MUD CLEAN I						0	8.5	0	0		20			
FRESH WATER						0	8.34	0	0		20			
PLHS + ADDITIVES						470	12	2.42	13.59		202.57	152.28		
50:50 Class G/Poz + Addds						230	14.4	1.22	5.37		49.97	29.32		
Fresh Water							8.34				286.28			
<b>Available Mix Water</b> 400 <b>Bbl.</b>				<b>Available Displ. Fluid</b> 400 <b>Bbl.</b>				<b>TOTAL</b>		598.82		181.60		
<b>HOLE</b>			<b>TBG-CSG-D.P.</b>						<b>COLLAR DEPTHS</b>					
<b>SIZE</b>	<b>% EXCESS</b>	<b>DEPTH</b>	<b>ID</b>	<b>OD</b>	<b>WGT.</b>	<b>TYPE</b>	<b>MD</b>	<b>TVD</b>	<b>GRADE</b>	<b>SHOE</b>	<b>FLOAT</b>	<b>STAGE</b>		
8.75	25	7428	6.184	7	29	CSG	7418	7050	P-110	7418	7370			
<b>LAST CASING</b>			<b>PKR-CMT RET-BR PL-LINER</b>			<b>PERF. DEPTH</b>			<b>TOP CONN</b>		<b>WELL FLUID</b>			
<b>ID</b>	<b>OD</b>	<b>WGT</b>	<b>TYPE</b>	<b>MD</b>	<b>TVD</b>	<b>BRAND &amp; TYPE</b>		<b>DEPTH</b>	<b>TOP</b>	<b>BTM</b>	<b>SIZE</b>	<b>THREAD</b>	<b>TYPE</b>	<b>WGT.</b>
8.9	9.63	36	CSG	831	831	No Packer		0	0	0	7	BUTT	WATER BASED	10.2
<b>DISPL. VOLUME</b>		<b>DISPL. FLUID</b>		<b>CAL. PSI</b>	<b>CAL. MAX PSI</b>	<b>OP. MAX</b>	<b>MAX TBG PSI</b>		<b>MAX CSG PSI</b>		<b>MIX WATER</b>			
<b>VOLUME</b>	<b>UOM</b>	<b>TYPE</b>		<b>WGT.</b>	<b>BUMP PLUG</b>	<b>TO REV.</b>	<b>SQ. PSI</b>	<b>RATED</b>	<b>Operator</b>	<b>RATED</b>	<b>Operator</b>			
273.8	BBLS	Fresh Water		8.34	1612	0	0	0	0	5000	4000	Upright tank		
<b>Circulation Prior to Job</b>														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 2				Circulation Rate: 4 BPM						
Mud Density In: 10.2 LBS/G				Mud Density Out: 10.2 LBS/GAL				PV & YP Mud In: 17		PV & YP Mud Out: 17				
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: 1.5 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 type="checkbox"/> RECIPROICATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE														
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 56				Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID						
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input checked="" type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD														
<b>Plugs</b>														
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						
<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: 0		Fluid Weight: 0 LBS/GAL				
<b>Casing Test (Update Original Treatment Report for Primary Job)</b>														
Casing Test Pressure: 0 PSI				With 0 LBS/GAL				Mud		Time Held: 00 Hours 00 Minutes				

# CEMENT JOB REPORT



## 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)  
None

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)  
None

**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	5427 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
21:45	0	0	0	0	N/A	Leave yard	
22:28	0	0	0	0	N/A	Arrive on location	
22:30	0	0	0	0	N/A	Spot trucks	
22:53	0	0	0	0	N/A	Pre rig up safety meeting	
00:07	0	0	0	0	N/A	Pre job safety meeting	
00:26	75	0	1.6	2	H2O	Load pumps and lines	
00:28	5427	0	0	0	H2O	Pressure test pumps and lines	
00:32	461	0	6	20	H2O	Fresh water spacer	
00:36	587	0	6	20	H2O	Mud Clean I spacer	
00:40	564	0	6	20	H2O	Fresh water spacer	
00:47	333	0	4.8	182	CMT	Batch, weigh, and pump 470 sacks of lead slurry @12 ppg	
01:40	101	0	2.4	49	CMT	Batch, and pump 230 sacks of tail slurry @14.4 ppg	
02:03	0	0	0	0	N/A	Shut down wash up pump, and release plug	
02:08	333	0	7.1	115	H2O	Start displacement	
02:26	178	0	4.8	13	H2O	Drop rate	
02:29	0	0	0	0	N/A	Had to shut down to switch water from upright tank to the rig tank to finish displacement	
02:30	1722	0	5.9	112	H2O	Start pumping again	
02:49	1789	0	4.8	20	H2O	Drop rate	
02:53	1835	0	3.5	10	H2O	Drop rate	
02:56	1736	0	2.4	3	H2O	Drop rate	
02:57	2391	0	0	0	H2O	Bump plug (3 bbls of cement to surface)	
03:02	0	0	0	0	H2O	Check floats (floats held)	
03:10	0	0	0	0	N/A	Pre rig down safety meeting	
04:00	0	0	0	0	N/A	Leave location	
04:45	0	0	0	0	N/A	Arrive back at the yard	

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:
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	1736	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	3	566	0	Y <input checked="" type="checkbox"/> N	

