

# CEMENT JOB REPORT



<b>CUSTOMER</b> BAYSWATER EXPLORATION &			<b>DATE</b> 22-MAY-15		<b>F.R. #</b> 10011156092			<b>SERV. SUPV.</b> BRYAN J BARBARIGOS						
<b>LEASE &amp; WELL NAME</b> SHERLEY #F-4-9HN - API 05123408970000			<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> Liner								
<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>		
NONE		NONE			NONE				NONE					
<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			N/A			0	8.34	0	0	00:00	20			
UltraFlush Spacer			N/A			0	10.5	0	0	00:00	80			
(50:50) Class G:Poz + Adds			C05-053-15			565	13	2.06	10.30	09:56	207	138.28		
Fresh Water + Alpha 1427 + ClayCare			N/A			0	8.34	0	0	00:00	221.75			
<b>Available Mix Water</b> 800 Bbl.			<b>Available Displ. Fluid</b> 800 Bbl.			<b>TOTAL</b>					528.75	138.28		
<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>		
6.125	15	16763	3.92	4.5	13.5	CSG	16765	6844	P-110					
<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>
6.3	7	26	CSG	7371	6880	LINER PACER		16765			4	8RND	WATER BASED	9.3
<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>			
197	BBLS	Fresh Water + Alpha		8.34	1600	0	0	0	0	5000	4000	RIG 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: 9.3 LBS/GAL			Mud Density Out: 9.3 LBS/GAL			PV & YP Mud In: 14			PV & YP Mud Out: 14					
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 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 type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE														
Centralizers: <input type="checkbox"/> NO <input checked="" 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: 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								
<b>Shoe Test (Update Original Treatment Report for Primary Job)</b>														
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)  
PUMP WENT DOWN WHEN WE WENT TO PRIME UP PUMP

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:**

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	5000 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
04:20	0	0	0	0	N/A	LEAVE YARD	
05:05	0	0	0	0	N/A	ARRIVE ON LOCATION 35 MILES	
05:15	0	0	0	0	N/A	SPOT TRUCKS	
05:30	0	0	0	0	N/A	PRE-RIG UP MEETING	
06:30	0	0	0	0	N/A	PRE-JOB MEETING	
07:00	0	0	0	0	N/A	CALLED SHOP PUMP WENT DOWN WAITING ON NEW PUMP	
09:00	0	0	0	0	N/A	NEW PUMP ARRIVED	
09:18	0	0	2	2	H2O	LOAD LINES	
09:23	5095	0	.5	.5	H2O	PRESSURE TEST	
09:34	1048	0	4	20	H2O	FRESH WATER SPACER	
09:39	757	0	4	80	H2O	ULTRA FLUSH SPACER	
10:05	252	0	4	197	CMT	LINER 565SX @13 BATCH/WEIGH/PUMP	
11:30	50	0	4	60	H2O	PUMP DART DOWN PICK UP PLUG	
11:47	2150	0	5	135	H2O	DISPLACEMENT	
12:15	1636	0	0	195	H2O	BUMP PLUG	
12:34	1942	0	0	0	H2O	BACKSIDE TEST	
12:55	876	0	7.2	170	H2O	ROLL HOLE	
13:30	0	0	0	0	N/A	SHUT DOWN /JOB COMPLETE	

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	1000	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	1.5	685	0	Y <input checked="" type="checkbox"/> N	

