

# CEMENT JOB REPORT



<b>CUSTOMER</b> BAYSWATER EXPLORATION &		<b>DATE</b> 03-SEP-15	<b>F.R. #</b> 1001174220		<b>SERV. SUPV.</b> TIMADAMS									
<b>LEASE &amp; WELL NAME</b> CARLSON #C-15-16HN - API 05123417110000		<b>LOCATION</b> 15-5N-65W		<b>COUNTY-PARISH-BLOCK</b> Weld Colorado										
<b>DISTRICT</b> Brighton		<b>DRILLING CONTRACTOR RIG #</b> Frontier 8		<b>TYPE OF JOB</b> Long String										
<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 4-1/2 in		Float Collar, Al Flap, 4-1/2 - 8rd		None		0	0	None	0	0				
		Float Shoe 4-1/2 - 8rd												
		Centralizer, with Fins, 4-1/2 in												
<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					
(50:50) Class G:Poz + Adds		C08-077-15		665	14.5	1.44	6.18	10:40	170.16	97.88				
Fresh Water + Alpha 1427 + ClayCare		N/A		0	8.34	0	0	00:00	219.69					
Ultraflush II		N/A		0	10.5	6.38	43.9	00:00	60	55.19				
Available Mix Water <u>800</u> Bbl.		Available Displ. Fluid <u>600</u> Bbl.		<b>TOTAL</b>					<u>469.85</u>	<u>153.07</u>				
<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	18	14752	3.92	4.5	13.5	CSG	14746	6798	P-110	14746	14739	0		
<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>
6.2	7	29	CSG	7236	6798	No packer		0	0	0	4.5	BUTT	WATER BASED	9.7
<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>			
223	BBLS	Fresh Water + Alpha 1		8.34	1067	0	0	0	0	9928	4000	Frac tank		
<b>Circulation Prior to Job</b>														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 2				Circulation Rate: 5 BPM						
Mud Density In: 9.7 LBS/GAL				Mud Density Out: 9.7 LBS/GAL				PV & YP Mud In: 10		PV & YP Mud Out: 10				
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: .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"/> RECIPROCATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE														
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 15				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						
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING None														

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## 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	

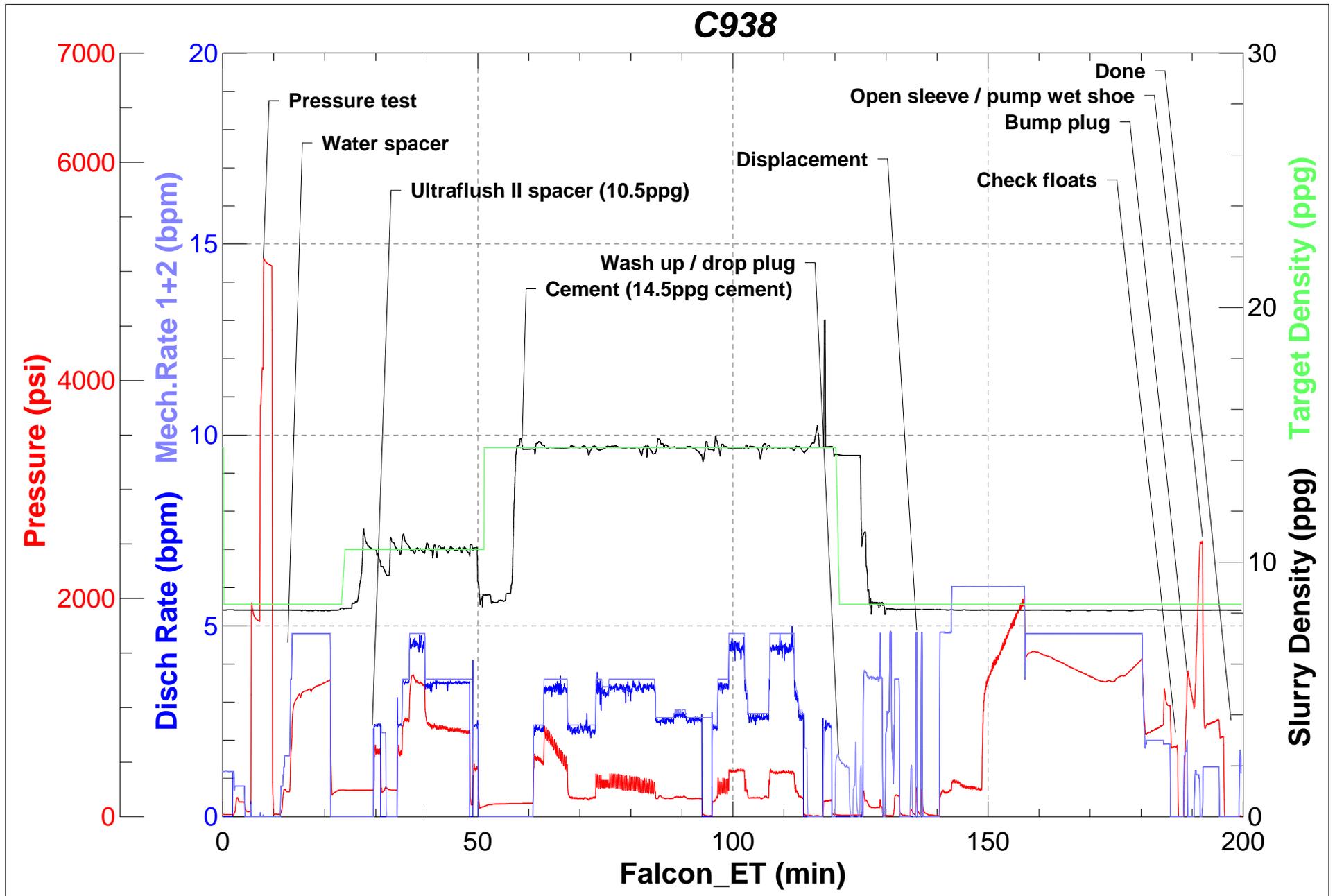
Problems Before Job (I.E. Running Casing, Circulating Well, ETC)  
None

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

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	5020 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
22:00	0	0	0	0	NA	Yard call	
00:20	0	0	0	0	NA	Leave yard	
01:00	0	0	0	0	NA	Arrive on location (34 miles, rig circulating)	
01:10	0	0	0	0	NA	Spot equipment	
01:25	0	0	0	0	NA	Rig up safety meeting	
02:20	0	0	0	0	NA	Pre-job safety meeting	
02:55	117	0	.8	2	H2O	Load lines	
02:59	5020	0	0	0	H2O	Pressure test	
03:04	901	0	4.8	40	H2O	Fresh spacer	
03:18	0	0	0	0	H2O	Batch up Ultraflush II	
03:23	986	0	3.5	60	H2O	Pump Ultraflush II spacer (7200 lbs, 10.5 ppg)	
03:50	0	0	0	0	CMT	Batch / weigh cement	
03:54	440	0	3.5	165	CMT	Pump cement (665sk, 14.5 ppg)	
04:53	0	0	0	0	NA	Shut down / wash up / drop plug	
05:09	0	0	0	0	H2O	Displacement (50 lbs sugar in first 10 bbls)	
05:10	0	0	0	0	NA	Shut down (Taddle tale wire on plug snapped - removed cap from head to verify plug left)	
05:14	1972	0	6	100	H2O	Displacement (continued)	
05:31	1336	0	4.8	50	H2O	Update	
05:41	1434	0	4.8	60	H2O	Update	
05:54	1019	0	2	11	H2O	Rate change	
05:59	632	0	0	0	NA	Shut down (Pressure acted as if we bumped / opened the sleeve)	
06:01	0	0	0	0	NA	Bleed off / check floats (0.5bbls back)	
06:02	1102	0	2	2	H2O	Continue displacement	
06:03	1370	0	0	0	NA	Bump plug (223 bbls total)	
06:04	2550	0	0	1	H2O	Open sleeve	
06:06	843	0	1.3	4	H2O	Pump 5 bbl wet shoe	
06:09	760	0	0	0	NA	Shut down	
06:10	0	0	0	0	NA	Bleed off / done (0.5bbls back)	

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	1370	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	0	514	0	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	





FIELD RECEIPT NO. 10011174220

<b>CUSTOMER</b> BAYSWATER EXPLORATION & PRODUCTION					<b>CREDIT APPROVAL NO.</b>	<b>PURCHASE ORDER NO.</b>	<b>CUSTOMER NUMBER</b> 20007918 - 00244714	<b>INVOICE NUMBER</b>		
<b>MAIL INVOICE TO :</b>		<b>STREET OR BOX NUMBER</b> 730 17TH ST, STE 610			<b>CITY</b> DENVER		<b>STATE</b> Colorado	<b>ZIP CODE</b> 80202		
<b>DATE WORK COMPLETED</b>	<b>MO.</b> 09	<b>DAY</b> 03	<b>YEAR</b> 2015	<b>BHI REPRESENTATIVE</b> TIM ADAMS	<b>WELL API NO:</b> 05123417110000		<b>WELL TYPE :</b> New Well			
<b>DISTRICT</b> PP, BRIGHTON					<b>JOB DEPTH(ft)</b> 14,746		<b>WELL CLASS :</b> Gas			
<b>WELL NAME AND NUMBER</b> CARLSON #C-15-16HN					<b>TD WELL DEPTH(ft)</b> 14,752		<b>GAS USED ON JOB :</b> No Gas			
<b>WELL LOCATION :</b>		<b>LEGAL DESCRIPTION</b> 15-5N-65W			<b>COUNTY/PARISH</b> Weld	<b>STATE</b> Colorado	<b>JOB TYPE CODE :</b> Long String			
<b>PRODUCT CODE</b>	<b>DESCRIPTION</b>				<b>UNIT OF MEASURE</b>	<b>QUANTITY</b>	<b>LIST PRICE UNIT</b>	<b>GROSS AMOUNT</b>	<b>% DISC.</b>	<b>NET AMOUNT</b>
100021	Class G Cement				sacks	333	31.800	10,589.40	78%	2,329.67
100121	Silica Flour				lbs	11172	0.590	6,591.48	78%	1,450.13
100283	R-3				lbs	140	3.840	537.60	78%	118.27
100317	Poz (Fly Ash)				sacks	333	14.200	4,728.60	78%	1,040.29
100356	Barite - Sacked				lbs	7200	0.630	4,536.00	78%	997.92
398117	Ultra Flush II System				bbbls	60	213.500	12,810.00	82%	2,305.80
411402	ALPHA 1427				gals	5	160.500	802.50	78%	176.55
424509	FP-13L				gals	2	187.500	375.00	78%	82.50
488015	FL-52				lbs	335	26.900	9,011.50	78%	1,982.53
488019	FP-6L				gals	5	104.250	521.25	78%	114.68
488449	Bentonite II				lbs	1676	0.440	737.44	78%	162.24
499632	Granulated Sugar				lbs	50	3.840	192.00	78%	42.24
499767	FL-63				lbs	133	72.000	9,576.00	82%	1,723.68
L488515-330OW	ClayCare, 330 gl tote				gals	20	147.000	2,940.00	78%	646.80
	SUB-TOTAL FOR Product Material							63,948.77	79.40%	13,173.30
<b>ARRIVE LOCATION :</b>	<b>MO.</b> 09	<b>DAY</b> 04	<b>YEAR</b> 2015	<b>TIME</b> 01:00	<b>SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.</b>			<b>SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.</b>		
<b>CUSTOMER REP.</b> Spike					<b>CUSTOMER AUTHORIZED AGENT</b> X			<b>CUSTOMER AUTHORIZED AGENT</b>		
<b>SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS</b>								<b>BHI APPROVED</b> X		
					<b>CUSTOMER AUTHORIZED AGENT</b>					



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VP001	Cement Svcs LS Equip 50 miles or less				ea	1	10,750.000	10,750.00	0%	10,750.00
	SUB-TOTAL FOR Equipment							10,750.00	0%	10,750.00
	FIELD ESTIMATE							74,698.77	67.97%	23,923.30
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