

## CEMENT JOB REPORT



<b>CUSTOMER</b> BAYSWATER EXPLORATION &		<b>DATE</b> 08-OCT-15	<b>F.R. #</b> 10011179514		<b>SERV. SUPV.</b> Anthony J Staples		
<b>LEASE &amp; WELL NAME</b> CARLSON #L-15-16HN - API 05123417150000		<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> Surface			
<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 MD TVD</b>	
9-5/8" Top Cem Plug, Nitrile cvr, Phe	Float Shoe 9-5/8 - 8rd						
	Float Collar, Auto Fill, 9-5/8 - 8rd						
	Centralizer, with Pins, 9-5/8 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>	
Fresh Water		0	8.34	0	0	20	
Type III Cement + Adds		275	14.5	1.40	6.80	01:52	
Fresh Water		0	8.34	0	0	61.8	
<b>Available Mix Water</b> 100 <b>Bbl.</b>		<b>Available Displ. Fluid</b> 100 <b>Bbl.</b>		<b>TOTAL</b>		150.4 44.47	
<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 TVD GRADE</b>
12.25	30	860	8.921	9.625	36	CSG	860 860
							843 799 1
<b>LAST CASING</b>		<b>PKR-CMT RET-BR PL-LINER</b>		<b>PERF. DEPTH</b>		<b>TOP CONN</b>	
<b>ID</b>	<b>OD</b>	<b>WGT</b>	<b>TYPE</b>	<b>MD</b>	<b>TVD</b>	<b>WELL FLUID</b>	
						<b>BRAND &amp; TYPE</b>	
						No Packer	
						9.625 8 RND WATER BASED 8.4	
<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>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>
61.8	BBLS	Fresh Water	8.34	256	0	0	0
							0
							2816
							1500
							Upright
<b>Circulation Prior to Job</b>							
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: .75		Circulation Rate: 7 BPM	
Mud Density In: 8.4 LBS/GAL Mud Density Out: 8.4 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: .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 checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE							
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 8		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			
<b>EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None</b>							
<b>PRESSURE/RATE DETAIL</b>				<b>EXPLANATION</b>			

# 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

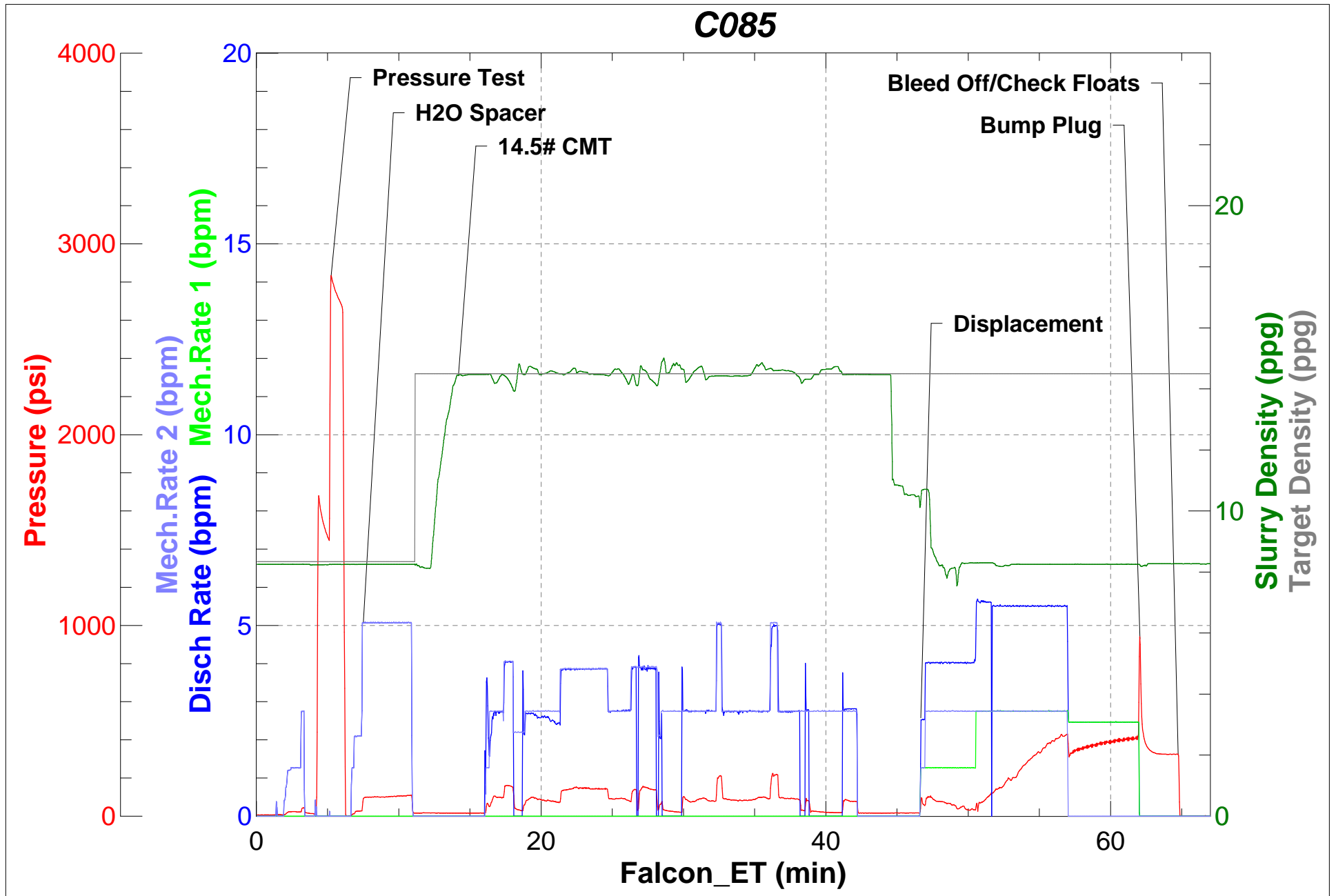
Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)  
 None

### 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	2826 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
12:00	0	0	0	0	N/A	Arrive on Location...34 Miles	
12:30	0	0	0	0	N/A	Spot Trucks	
12:40	0	0	0	0	N/A	Pre-Rig Up Safety Meeting	
14:50	0	0	0	0	N/A	Pre-Job Safety Meeting	
15:21	127	0	4.3	2	H2O	Load Lines	
15:24	2826	0	0	0	H2O	Pressure Test	
15:26	101	0	5	18	H2O	Fresh Water Spacer	
15:34	120	0	3.9	66	CMT	Batch, Weigh, and Pump 275sks 14.5# Type III Cement + .08 lbs/sk Static Free + 1% CaCl + .25 lbs/sk Cello Flake	
16:01	0	0	0	0	H2O	Shut Down Wash Up Mixing Tub	
16:06	0	0	0	0	H2O	Release Plug	
16:06	430	0	5.6	50	H2O	Displace	
16:16	418	0	2.5	12	H2O	Rate Change	
16:21	918	0	0	0	H2O	Bump Plug @ 62 Bbls away, 15 Bbls of CMT to Surface	
16:24	0	0	0	0	H2O	Check Floats	
16:26	0	0	0	0	N/A	Pre-Rig Down Safety Meeting	

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	918	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	15	148	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	





FIELD RECEIPT NO. 10011179514

CUSTOMER BAYSWATER EXPLORATION & PRODUCTION					CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20007918 - 00244714		INVOICE NUMBER		
MAIL INVOICE TO					STREET OR BOX NUMBER 730 17TH ST, STE 610			CITY DENVER		STATE Colorado		ZIP CODE 80202	
DATE WORK COMPLETED		MO. 10	DAY 08	YEAR 2015	BHI REPRESENTATIVE Anthony J Staples		WELL API NO: 05123417150000		WELL TYPE : New Well				
DISTRICT PP, BRIGHTON					JOB DEPTH (ft) 843			WELL CLASS : Oil					
WELL NAME AND NUMBER CARLSON #L-15-16HN					TD WELL DEPTH (ft) 860			GAS USED ON JOB : No Gas					
WELL LOCATION :		LEGAL DESCRIPTION 15-5N-65W			COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE : Surface				
PRODUCT CODE		DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT		
100112		Calcium Chloride				lbs	259	1.290	334.11	58%	140.33		
100295		Cello Flake				lbs	69	5.100	351.90	58%	147.80		
488019		FP-6L				gals	8	104.250	834.00	58%	350.28		
499680		Static Free				lbs	22	40.700	895.40	58%	376.07		
499703		Type III Cement				sacks	275	31.700	8,717.50	58%	3,661.35		
		SUB-TOTAL FOR Product Material							11,132.91	58.00%	4,675.83		
A152		Personnel Per Diem Chrg - Cement Svc				ea	1	210.000	210.00	0%	210.00		
M100		Bulk Materials Blending Charge				cu ft	286	5.450	1,558.70	58%	654.65		
		SUB-TOTAL FOR Service Charges							1,768.70	51.11%	864.65		
ARRIVE LOCATION :		MO. 10	DAY 07	YEAR 2015	TIME 23:00	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.					SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.		
CUSTOMER REP. Scott													
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS													
						CUSTOMER AUTHORIZED AGENT					X		
						BHI APPROVED					X		



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<b>DATE WORK COMPLETED</b>		<b>MO.</b> 10	<b>DAY</b> 08	<b>YEAR</b> 2015	<b>BHI REPRESENTATIVE</b> Anthony J Staples		<b>WELL API NO:</b> 05123417150000		<b>WELL TYPE :</b> New Well				
<b>DISTRICT</b> PP, BRIGHTON					<b>JOB DEPTH (ft)</b> 843			<b>WELL CLASS :</b> Oil					
<b>WELL NAME AND NUMBER</b> CARLSON #L-15-16HN					<b>TD WELL DEPTH (ft)</b> 860			<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> Surface				
<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>			
F053A	Cement Pumping, 0 - 1000 ft				4hrs	1	3,200.000	3,200.00	58%	1,344.00			
F090	Fuel per pump charge - cement				pump/hr	2	70.250	140.50	0%	140.50			
J050	Cement Head				job	1	830.000	830.00	58%	348.60			
J225	Data Acquisition, Cement, Standard				job	1	2,130.000	2,130.00	58%	894.60			
J390	Mileage, Heavy Vehicle				miles	34	11.850	402.90	58%	169.22			
J391	Mileage, Auto, Pick-Up or Treating Van				miles	34	6.700	227.80	58%	95.68			
	SUB-TOTAL FOR Equipment							6,931.20	56.82%	2,992.60			
J401	Bulk Delivery, Dry Products				ton-mi	460	3.940	1,812.40	58%	761.21			
	SUB-TOTAL FOR Freight/Delivery Charges							1,812.40	58.00%	761.21			
	FIELD ESTIMATE							21,645.21	57.06%	9,294.29			
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<b>CUSTOMER REP.</b> Scott						<b>CUSTOMER AUTHORIZED AGENT</b>  <b>CUSTOMER AUTHORIZED AGENT</b>					<b>X</b>		
<b>SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS</b>											<b>BHI APPROVED</b>  <b>X</b>		