

# CEMENT JOB REPORT



<b>CUSTOMER</b> BAYSWATER EXPLORATION &			<b>DATE</b> 15-APR-14		<b>F.R. #</b> 10011059671		<b>SERV. SUPV.</b> AARON M MCWILLIAMS							
<b>LEASE &amp; WELL NAME</b> BOOTH #-26H - API 05123360830000			<b>LOCATION</b> 26-7N-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</b>		<b>MD</b>	<b>TVD</b>		
9-5/8" Top Cem Plug, Nitrile cvr, Phe		Guide Shoe, Cement Nose, 9-5/8 i												
		Float Shoe 9-5/8 - 8rd												
		Centralizer, with Pins, 9-5/8 in												
		Cement Basket, Slip On, 9-5/8 in												
<b>PHYSICAL SLURRY PROPERTIES</b>														
<b>MATERIALS FURNISHED BY BJ</b>			<b>LAB REPORT NO.</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			0	8.34	0	0	00:00	10			
Type III Cement + Adds			0			250	14.5	1.41	6.82	00:00	62.78	40.57		
Fresh Water			0			0	8.34	0	0	00:00	58.1			
Available Mix Water <u>400</u> Bbl.			Available Displ. Fluid <u>200</u> Bbl.			<b>TOTAL</b>					<u>130.88</u>	<u>40.57</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>		
12.25	30	760	8.835	9.625	36	CSG	751	751	J-55	751	705	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>
						No packer		0			9.625	8RD	WATER BASED	9.4
<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>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>			
58	BBLS	Fresh Water		8.34	226	0	0	0	0	2816	1000			
											Rig tank			
<b>Circulation Prior to Job</b>														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 1			Circulation Rate: 5 BPM					
Mud Density In: 9.4 LBS/GAL				Mud Density Out: 9.4 LBS/GAL		PV & YP Mud In: 12			PV & YP Mud Out: 12					
Gas Present: NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> Units: 0						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: .25 BBLS								
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL						Method Used to Verify Returns: Visually								
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: 7			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	

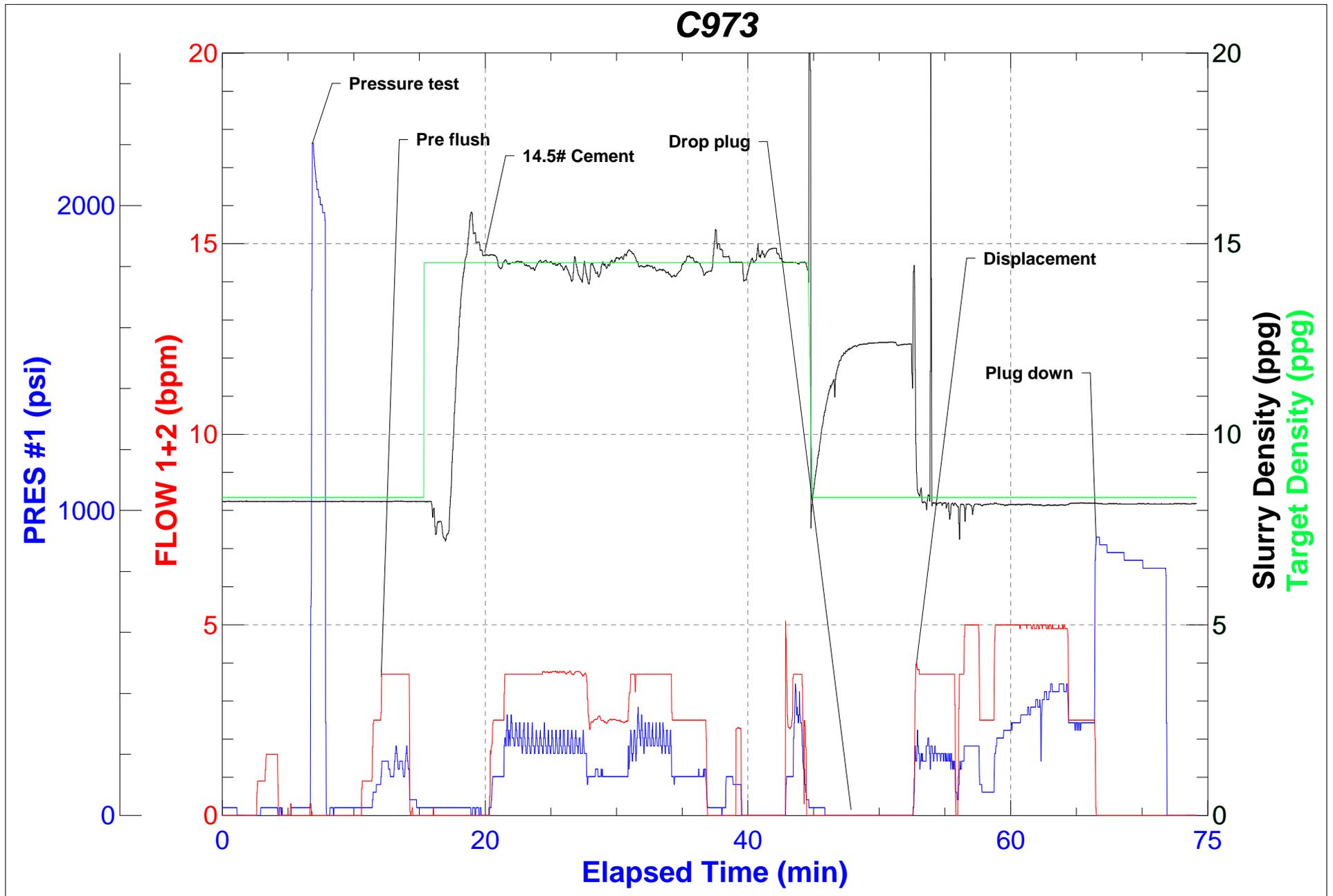
Problems Before Job (I.E. Running Casing, Circulating Well, ETC)  
None

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	2205 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
02:00	0	0	0	0	N/A	Yard call	
04:00	0	0	0	0	N/A	Leave yard	
05:00	0	0	0	0	N/A	Arrive on location 46 miles	
05:10	0	0	0	0	N/A	Spot trucks	
05:15	0	0	0	0	N/A	Pre rig up safety meeting	
06:00	0	0	0	0	N/A	Pre job safety meeting	
06:34	25	0	1.5	2	H2O	Load pumps and lines	
06:38	2205	0	0	0	H2O	Pressure test pumps and lines	
06:43	228	0	3.6	10	H2O	Pre flush	
06:53	279	0	3.6	58	CMT	Batch up and pump 250 sks of TYPE III + 0.08 lbs/sack Static Free + 2% Calcium + 0.25 lbs/sack Cello Flake 14.5 ppg 1.41yield 6.82 gps	
07:18	0	0	0	0	N/A	Drop plug	
07:24	302	0	3.6	50	H2O	Displacement	
07:36	317	0	2.4	8	H2O	Displacement rate change	
07:38	532	0	2.4	58	H2O	Bump plug	
07:38	887	0	0	0	N/A	Plug down @ 58 bbl's 13 bbls of CMT back	
07:43	0	0	0	0	N/A	Check floats Held	
07:45	0	0	0	0	N/A	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	532	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	13	128	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	





FIELD RECEIPT NO. 10011059671

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. 04	DAY 15	YEAR 2014	BHI REPRESENTATIVE AARON M MCWILLIAMS	WELL API NO: 05123360830000	WELL TYPE : New Well					
DISTRICT BJS, BRIGHTON					JOB DEPTH (ft) 751	WELL CLASS : Gas					
WELL NAME AND NUMBER BOOTH #-26H					TD WELL DEPTH (ft) 760	GAS USED ON JOB : No Gas					
WELL LOCATION :		LEGAL DESCRIPTION 26-7N-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	470	1.290	606.30	58%	254.65	
100112	Calcium Chloride				lbs	150	1.290	193.50	75%	48.38	
100295	Cello Flake				lbs	63	5.100	321.30	58%	134.95	
100404	Sodium Chloride				lbs	50	0.520	26.00	75%	6.50	
488019	FP-6L				gals	2	104.250	208.50	58%	87.57	
499632	Granulated Sugar				lbs	50	3.840	192.00	58%	80.64	
499680	Static Free				lbs	20	40.700	814.00	58%	341.88	
499703	Type III Cement				sacks	250	31.700	7,925.00	58%	3,328.50	
SUB-TOTAL FOR Product Material								10,286.60	58.36%	4,283.07	
A152	Personnel Per Diem Chrg - Cement Svc				ea	1	210.000	210.00	0%	210.00	
M100	Bulk Materials Blending Charge				cu ft	268	5.450	1,460.60	58%	613.45	
SUB-TOTAL FOR Service Charges								1,670.60	50.71%	823.45	
ARRIVE LOCATION :	MO. 04	DAY 15	YEAR 2014	TIME 05:00	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. Josh Falls									CUSTOMER AUTHORIZED AGENT X		
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS					CUSTOMER AUTHORIZED AGENT						



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PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
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	92	11.850	1,090.20	58%	457.88
J391	Mileage, Auto, Pick-Up or Treating Van				miles	92	6.700	616.40	58%	258.89
	SUB-TOTAL FOR Equipment							8,007.10	56.98%	3,444.47
J401	Bulk Delivery, Dry Products				ton-mi	559	3.940	2,202.46	58%	925.03
	SUB-TOTAL FOR Freight/Delivery Charges							2,202.46	58.00%	925.03
	FIELD ESTIMATE							22,166.76	57.25%	9,476.02
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