

CEMENT JOB REPORT



CUSTOMER BAYSWATER EXPLORATION &		DATE 03-SEP-15	F.R. # 10011174220		SERV. SUPV. TIMADAMS		
LEASE & WELL NAME CARLSON #C-15-16HN - API 05123417110000		LOCATION 15-5N-65W		COUNTY-PARISH-BLOCK Weld Colorado			
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Frontier 8		TYPE OF JOB Long String			
SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS		MD	TVD	HANGER TYPES MD TVD	
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						
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES			
Fresh Water	N/A	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	
(50:50) Class G:Poz + Adds	C08-077-15	0	8.34	0	0	00:00	
Fresh Water + Alpha 1427 + ClayCare	N/A	665	14.5	1.44	6.18	10:40	
Ultraflush II	N/A	0	8.34	0	0	00:00	
		0	10.5	6.38	43.9	00:00	
Available Mix Water 800 Bbl.		Available Displ. Fluid 600 Bbl.		TOTAL		469.85 153.07	
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD TVD GRADE
6.125	18	14752	3.92	4.5	13.5	CSG	14746 6798 P-110
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN	
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE	DEPTH
6.2	7	29	CSG	7236	6798	No packer	0 0 0
DISPL. VOLUME		DISPL. FLUID		CAL. PSI		CAL. MAX PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED
223	BBLs	Fresh Water + Alpha 1	8.34	1067	0	0	0
MAX TBG PSI		MAX CSG PSI		MIX WATER			
0		9928		4000		Frac tank	
Circulation Prior to Job							
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 2			
Mud Density In: 9.7 LBS/GAL				Mud Density Out: 9.7 LBS/GAL			
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>				Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>			
Displacement And Mud Removal							
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			
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input checked="" type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD				Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID			
Plugs							
Number of Attempts by BJ: 0				Competition: 0			
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			
				Top of Plug: 0 FT			
				Bottom of Plug: 0 FT			
Squeezes (Update Original Treatment Report for Primary Job)							
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			
Casing Test (Update Original Treatment Report for Primary Job)							
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

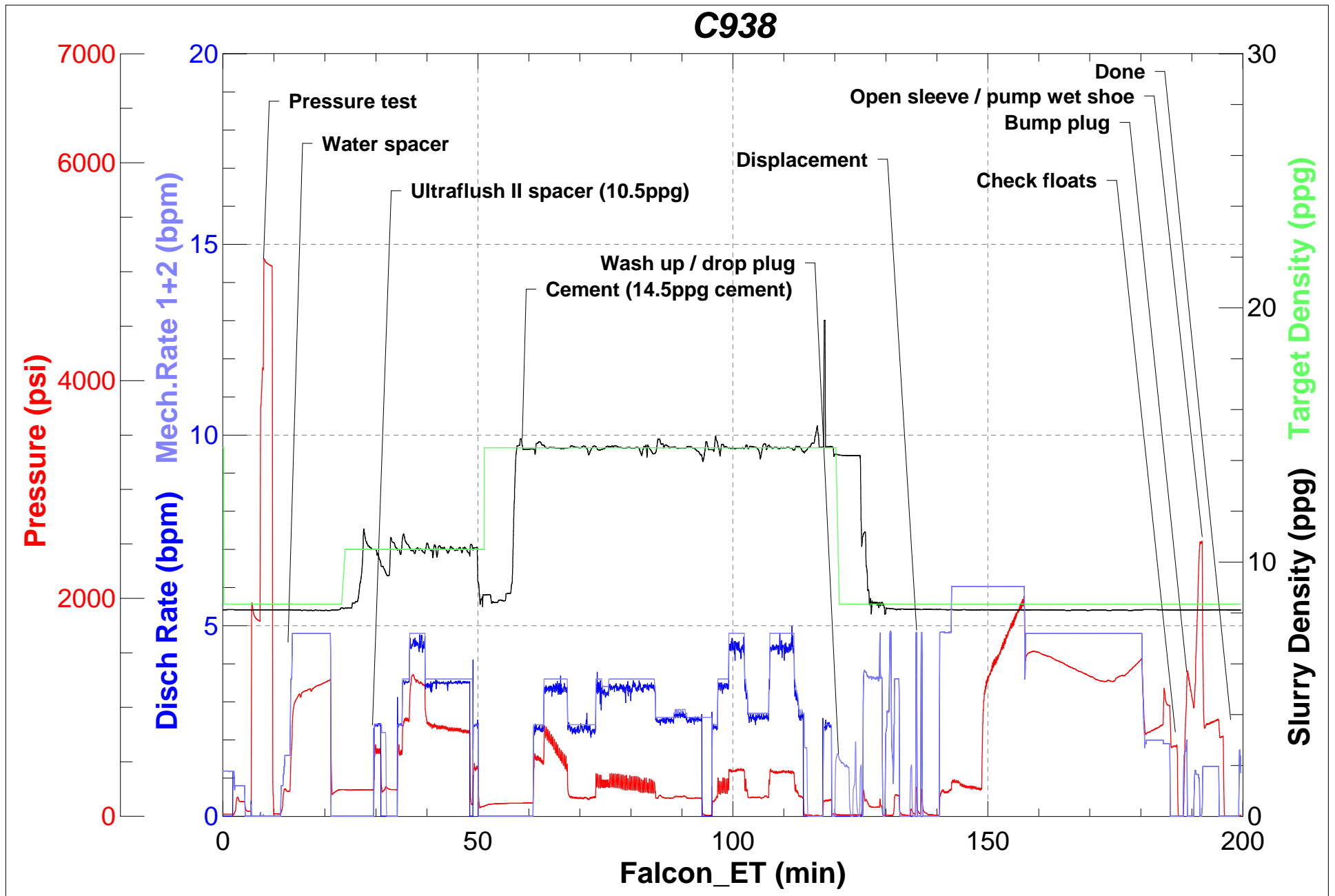
Problems Before Job (I.E. Running Casing, Circulating Well, ETC)
 None

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 (665sks, 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 checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	514	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	





FIELD RECEIPT NO. 10011174220

CUSTOMER BAYSWATER EXPLORATION & PRODUCTION					CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20007918 - 00244714		INVOICE NUMBER	
MAIL INVOICE TO : 730 17TH ST, STE 610					CITY DENVER		STATE Colorado		ZIP CODE 80202			
DATE WORK COMPLETED		MO. 09	DAY 03	YEAR 2015	BHI REPRESENTATIVE TIM ADAMS		WELL API NO: 05123417110000		WELL TYPE : New Well			
DISTRICT PP, BRIGHTON					JOB DEPTH(ft) 14,746		WELL CLASS : Gas					
WELL NAME AND NUMBER CARLSON #C-15-16HN					TD WELL DEPTH(ft) 14,752		GAS USED ON JOB : No Gas					
WELL LOCATION : 15-5N-65W					COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE : Long String			
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT		
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				bbls	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		
ARRIVE LOCATION :		MO. 09	DAY 04	YEAR 2015	TIME 01:00	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. Spike										CUSTOMER AUTHORIZED AGENT X		
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS										BHI APPROVED X		
						CUSTOMER AUTHORIZED AGENT						



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WELL LOCATION :		LEGAL DESCRIPTION 15-5N-65W			COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE : Long String						
PRODUCT CODE		DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT				
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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