

CEMENT JOB REPORT



CUSTOMER BAYSWATER EXPLORATION &			DATE 31-OCT-15		F.R. # 1001182451			SERV. SUPV. ERIC S DEWIT						
LEASE & WELL NAME CARLSON #L-15-16HN - API 05123417150000			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, Auto Fill, 4-1/2 - Butt												
		Float Shoe 4-1/2 - Butt												
MATERIALS FURNISHED BY BJ				LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES								
						SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER		
Fresh Water						0	8.34	0	0		20			
(50:50) Class G:Poz + Adds				C10-041-15		740	14.5	1.44	6.18	05:06	189.78	109.16		
Fresh Water + Alpha 1427 + ClayCare						0	8.34	0	0		202.37			
Ultraflush II						0	10.5	6.38	43.9		60	55.19		
Sugar Water + Alpha 1427 + ClayCare						0	8.34	0	0		20			
Available Mix Water 400		Bbl.		Available Displ. Fluid 400		Bbl.		TOTAL		492.15		164.35		
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
6.125	18	14985	3.92	4.5	13.5	CSG	14980	6895	N-80	14980	14971			
LAST CASING				PKR-CMT RET-BR PL-LINER				PERF. DEPTH		TOP CONN		WELL FLUID		
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
6.3	7	26	CSG	7073	6895	No Packer		0	0	0	4.5	BUTT	WATER BASED	9.5
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER			
VOLUME	UOM	TYPE		WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator			
223.5	BBLS	Fresh Water + Alpha		8.34	1004	0	0	0	0	7216	5000	Frac Tank		
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1.5				Circulation Rate: 5 BPM						
Mud Density In: 9.5 LBS/GAL				Mud Density Out: 9.5 LBS/GAL				PV & YP Mud In: 12		PV & YP Mud Out: 12				
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"/>				
Displacement And Mud Removal														
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 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 checked="" type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROCATION <input type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE														
Centralizers: <input checked="" type="checkbox"/> NO <input 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 checked="" type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD														
Plugs														
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						
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	

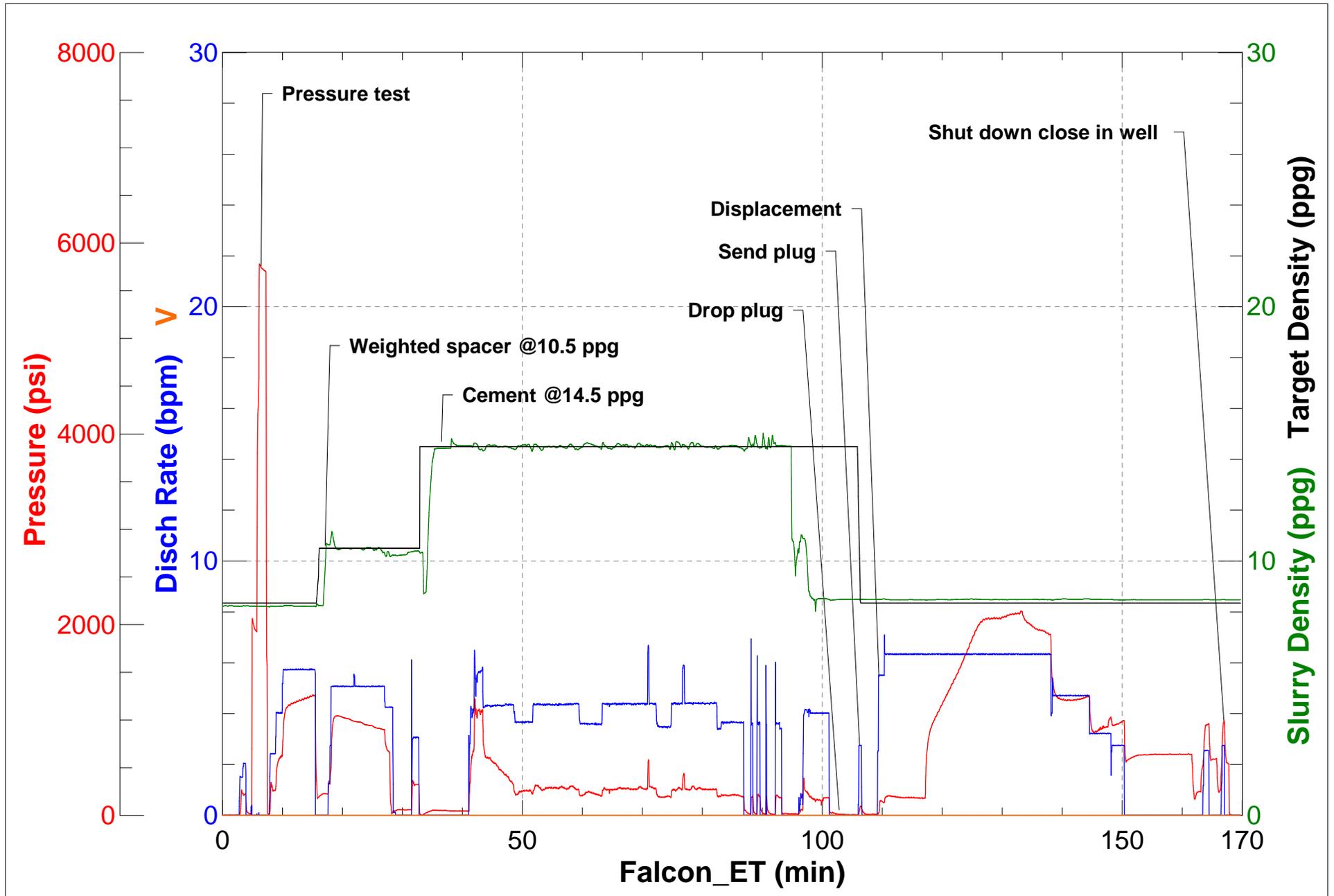
Problems Before Job (I.E. Running Casing, Circulating Well, ETC)
None

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
Did not bump plug we had to shut the well and leave pressure on the pipe.

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 5781 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
11:20	0	0	0	0	N/A	Leave yard	
14:00	0	0	0	0	N/A	Arrive on location (33 Miles) rig running casing	
14:05	0	0	0	0	N/A	Spot trucks on location	
14:18	0	0	0	0	N/A	Pre rig up safety meeting	
14:45	0	0	0	0	N/A	Done rigging up ground wait for RTS (17:30)	
15:38	0	0	0	0	N/A	Rig done running casing	
15:45	0	0	0	0	N/A	Rig circulating for 1.5 hours	
18:20	0	0	0	0	N/A	Pre job safety meeting	
18:34	0	0	0	0	N/A	Stab head	
18:48	211	0	2	0	H2O	Load pumps and lines	
18:51	5758	0	0	0	H2O	Pressure test pumps and lines	
18:53	1170	0	5.7	40	H2O	Fresh water spacer	
19:03	1042	0	5.1	57	BAR	Ultra Flush II weighted spacer @10.5 ppg	
19:19	0	0	0	0	CMT	Batch, and weigh cement slurry @14.5 ppg	
19:28	607	0	4.3	198	CMT	Pump 740 Sacks of 50:50 + Adds	
20:18	0	0	0	0	N/A	Shut down drop plug and wash up pumps and lines	
20:31	100	0	2.7	1	H2O	Send plug	
20:31	0	0	0	0	N/A	Verify that the plug left the head	
20:35	206	0	6.3	20	H2O	Displace with sugar water + Alpha 1427 + Claycare	
20:38	1908	0	6.3	160	H2O	H2O + Alpha 1427 + Claycare	
21:04	1248	0	4.7	30	H2O	`Drop rate	
21:10	1078	0	3.2	10	H2O	`Drop rate	
21:13	991	0	2.7	8	H2O	`Drop rate	
21:15	641	0	0	0	H2O	Shut down did not bump plug. pumped 5 bbls over displacement per Josh Falls	
21:27	0	0	0	0	H2O	Check floats, floats did not hold	
21:28	941	0	2.5	2.5	H2O	Pump what we got back	
21:31	0	0	0	0	H2O	Check floats again, still not holding	
21:32	940	0	2.5	1.5	H2O	Pump what we got back	
21:32	550	0	0	0	H2O	Shut head in	
21:35	0	0	0	0	N/A	Pre rig down safety meeting	
23:00	0	0	0	0	N/A	Leave location	
23:45	0	0	0	0	N/A	Arrrive back at the yard	

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	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	530	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	





FIELD RECEIPT NO. 10011182451

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 31	YEAR 2015	BHI REPRESENTATIVE ERIC S DEWIT	WELL API NO: 05123417150000	WELL TYPE : New Well			
DISTRICT PP, BRIGHTON				JOB DEPTH (ft) 14,980		WELL CLASS : Oil			
WELL NAME AND NUMBER CARLSON #L-15-16HN				TD WELL DEPTH (ft) 14,985		GAS USED ON JOB : No Gas			
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
100021	Class G Cement			sacks	372	31.800	11,829.60	78%	2,602.51
100121	Silica Flour			lbs	12493	0.590	7,370.87	78%	1,621.59
100283	R-3			lbs	158	3.840	606.72	78%	133.48
100317	Poz (Fly Ash)			sacks	372	14.200	5,282.40	78%	1,162.13
100356	Barite - Sacked			lbs	7140	0.630	4,498.20	78%	989.60
398117	Ultra Flush II System			bbbls	60	213.500	12,810.00	82%	2,305.80
411402	ALPHA 1427			gals	3	160.500	481.50	78%	105.93
488015	FL-52			lbs	376	26.900	10,114.40	78%	2,225.17
488019	FP-6L			gals	10	104.250	1,042.50	78%	229.35
488449	Bentonite II			lbs	1875	0.440	825.00	78%	181.50
499632	Granulated Sugar			lbs	200	3.840	768.00	78%	168.96
499767	FL-63			lbs	126	72.000	9,072.00	82%	1,632.96
L488515-330OW	ClayCare, 330 gl tote			gals	15	147.000	2,205.00	78%	485.10
SUB-TOTAL FOR Product Material							66,906.19	79.31%	13,844.08
ARRIVE LOCATION :	MO. 10	DAY 31	YEAR 2015	TIME 14:00	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 Osborn					CUSTOMER AUTHORIZED AGENT X			BHI APPROVED	
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS								CUSTOMER AUTHORIZED AGENT X	



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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							77,656.19	68.33%	24,594.08
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SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS									CUSTOMER AUTHORIZED AGENT	