

CEMENT JOB REPORT



CUSTOMER BAYSWATER EXPLORATION &		DATE 15-NOV-15	F.R. # 10011184017		SERV. SUPV. Anthony J Staples		
LEASE & WELL NAME CARLSON #J-15-16HN - API 05123417090000		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	
BJ Cement Plug, Rubber, Top 4-1/2	Float Shoe 4-1/2 - 8rd						
	Float Collar, Auto Fill, 4-1/2 - 8rd						
	Centralizer, with Pins, 4-1/2 in						
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	
Fresh Water		0	8.34	0	0	20	
(50:50) Class G:Poz + Adds	C11-025-15	665	14.5	1.44	6.18	08:24	
Fresh Water + Alpha 1427 + ClayCare		0	8.34	0	0	221.24	
Ultraflush II		0	10.5	6.38	43.9	60	
Available Mix Water 250 Bbl.		Available Displ. Fluid 250 Bbl.		TOTAL		471.40 153.07	
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD TVD GRADE
6.125	18	14898	3.92	4.5	13.5	CSG	14882 6900
							14882 14872 1
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN	
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE	DEPTH
6.3	7	29	CSG	7430	6900	NO Packer	0 0
							4.5 8RND
							WATER BASED 9.5
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED
222.0	BBLS	Fresh Water + Alpha	8.34	1029	0	0	0
							0 9928
							2750
							Upright
Circulation Prior to Job							
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1 Circulation Rate: 6 BPM			
Mud Density In: 9.5 LBS/GAL Mud Density Out: 9.5 LBS/GAL				PV & YP Mud In: 9 PV & YP Mud Out: 9			
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: .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: 14		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:				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	

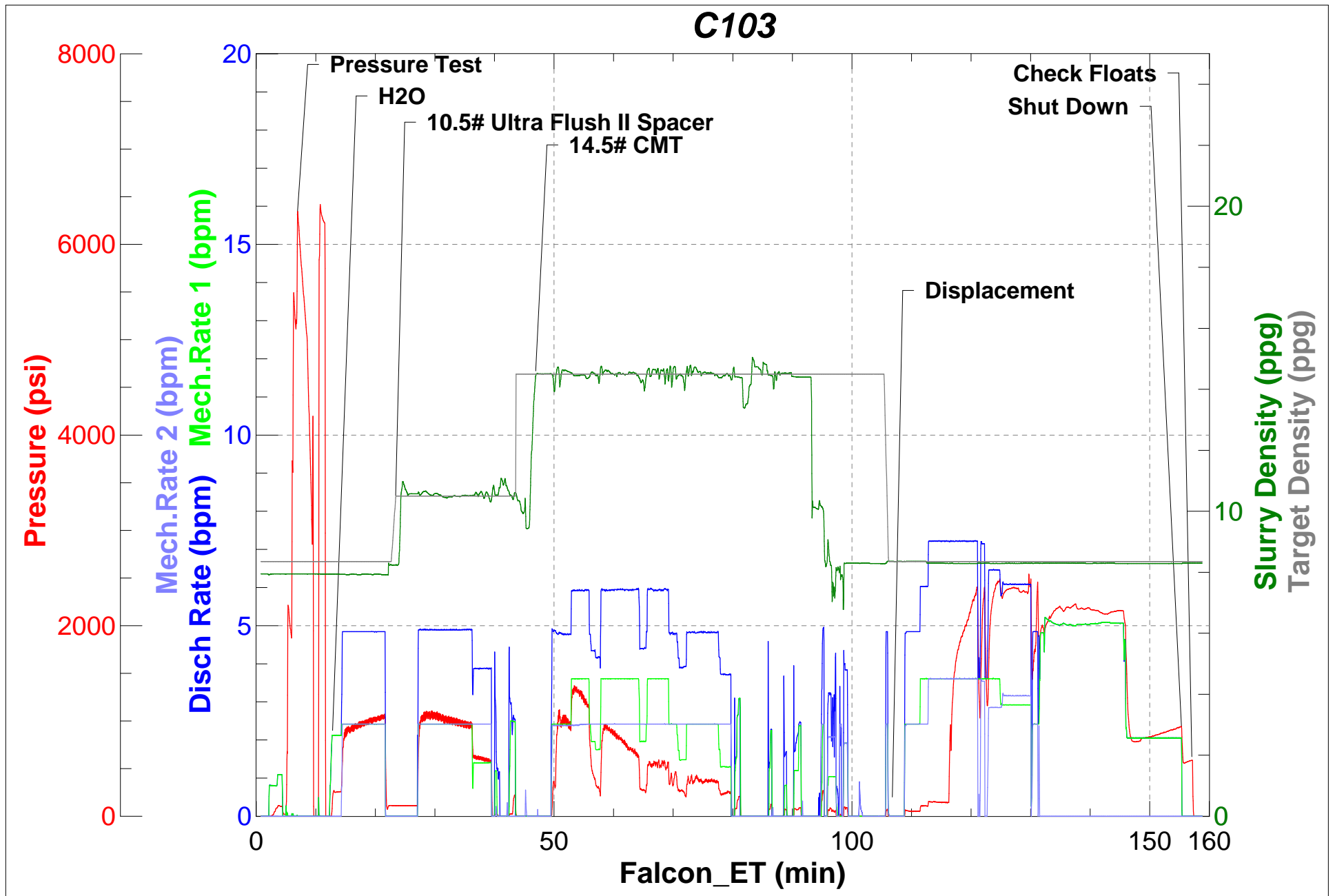
Problems Before Job (I.E. Running Casing, Circulating Well, ETC)
None

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
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 6405 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
00:30	0	0	0	0	N/A	Leave Yard
01:11	0	0	0	0	N/A	Arrive on Location....33 Miles Rig Running Casing
01:20	0	0	0	0	N/A	Spot Trucks
01:30	0	0	0	0	N/A	Pre-Rig Up Safety Meeting
11:02	0	0	0	0	N/A	Pre-Job Safety Meeting
11:24	110	0	1	2	H2O	Load Lines
11:27	6405	0	0	0	H2O	Pressure Test
11:35	972	0	4.8	40	H2O	Fresh Water Spacer
11:45	1088	0	4.9	62	SPC	10.5# Ultra Flush II Spacer
12:06	570	0	5.9	164	CMT	Batch, Weigh, and Pump 665sks 14.5# 50:50:Poz(fly Ash) Class G + .25% R-3 + .2% FL-63 + .6% FL-52 + 20% Silica Flour + 3% Bentonite II
12:55	0	0	0	0	H2O	Shut Down/Wash Up
13:07	0	0	0	0	H2O	Drop Plug
13:07	2234	0	7.2	90	H2O	Displace
13:25	2350	0	6.4	10	H2O	Rate Change
13:28	2456	0	6	20	H2O	Rate Change
13:33	2135	0	5.1	90	H2O	Rate Change
13:49	938	0	2	17	H2O	Rate Change
13:58	0	0	0	0	H2O	Shut Down @ 227 Bbls Total Displacement Per Customer
14:00	0	0	0	0	H2O	Check Floats .5 Bbls Back

BUMPED PLUG Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	PSI TO BUMP PLUG 0	TEST FLOAT EQUIP. <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 493	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	Service Supervisor Signature:
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FIELD RECEIPT NO. 10011184017

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. 11	DAY 15	YEAR 2015	BHI REPRESENTATIVE Anthony J Staples		WELL API NO: 05123417090000		WELL TYPE : New Well			
DISTRICT PP, BRIGHTON					JOB DEPTH (ft) 14,881		WELL CLASS : Oil					
WELL NAME AND NUMBER CARLSON #J-15-16HN					TD WELL DEPTH (ft) 14,898		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	335	31.800	10,653.00	78%	2,343.66	
100112		Calcium Chloride				lbs	150	1.290	193.50	70%	58.05	
100121		Silica Flour				lbs	11256	0.590	6,641.04	78%	1,461.03	
100283		R-3				lbs	141	3.840	541.44	78%	119.12	
100317		Poz (Fly Ash)				sacks	335	14.200	4,757.00	78%	1,046.54	
100356		Barite - Sacked				lbs	7200	0.630	4,536.00	78%	997.92	
100404		Sodium Chloride				lbs	50	0.520	26.00	70%	7.80	
398117		Ultra Flush II System				bbls	60	213.500	12,810.00	82%	2,305.80	
411402		ALPHA 1427				gals	15	160.500	2,407.50	78%	529.65	
424509		FP-13L				gals	10	187.500	1,875.00	78%	412.50	
488015		FL-52				lbs	338	26.900	9,092.20	78%	2,000.28	
488019		FP-6L				gals	10	104.250	1,042.50	78%	229.35	
488449		Bentonite II				lbs	1689	0.440	743.16	78%	163.50	
499632		Granulated Sugar				lbs	200	3.840	768.00	78%	168.96	
499767		FL-63				lbs	113	72.000	8,136.00	82%	1,464.48	
L488515-330OW		ClayCare, 330 gl tote				gals	25	147.000	3,675.00	78%	808.50	
ARRIVE LOCATION :		MO. 11	DAY 16	YEAR 2015	TIME 01:11	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. Marsh Wing												
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS					CUSTOMER AUTHORIZED AGENT					CUSTOMER AUTHORIZED AGENT X		
									BHI APPROVED X			



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PRODUCT CODE		DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT	
		SUB-TOTAL FOR Product Material							67,897.34	79.21%	14,117.14	
VP001		Cement Svcs LS Equip 50miles 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	
M9985		Additional				ea	4	750.000	3,000.00	0%	3,000.00	
		SUB-TOTAL FOR Freight/Delivery Charges							3,000.00	0%	3,000.00	
		FIELD ESTIMATE							81,647.34	65.87%	27,867.14	
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