

CEMENT JOB REPORT



CUSTOMER BAYSWATER EXPLORATION &			DATE 04-AUG-15		F.R. # 10011169769			SERV. SUPV. TRAVIS TOLMAN						
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 Intermediate								
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE			MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD		
Cement Plug, Rubber, Top 7 in		Float Collar, Auto Fill, 7 - 8rd												
		Float Shoe 7 - 8rd												
		Centralizer, with Pins, 7 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	Bbl SLURRY	Bbl MIX WATER		
FRESH WATER						0	8.34	0	0		20			
MUD CLEAN I						0	8.5	0	0		20			
FRESH WATER						0	8.34	0	0		20			
PLHS + ADDITIVES			C08-013-15			460	12	2.42	13.59	03:27	198.02	148.84		
50:50 Class G/Poz + Adds			C08-013-15			210	14.4	1.22	5.36	03:03	45.71	26.80		
Fresh Water						0	8.34	0	0		277.21			
Available Mix Water 500 Bbl.			Available Displ. Fluid 300 Bbl.			TOTAL					580.95	175.65		
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
8.75	25	7250	6.276	7	26	CSG	7236	6879	P-110	7236	7188	0		
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.
8.9	9.63	36	CSG	840	840	No Packer		0	0	0	7	BUTT	WATER BASED	9.8
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			
277.2	BBLS	Fresh Water		8.34	1598	0	0	0	0	8976	4000	Tank		
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1				Circulation Rate: 8 BPM						
Mud Density In: 9.8 LBS/GAL				Mud Density Out: 9.8 LBS/GAL				PV & YP Mud In: 13		PV & YP Mud Out: 13				
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: 2 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: 77				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						

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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

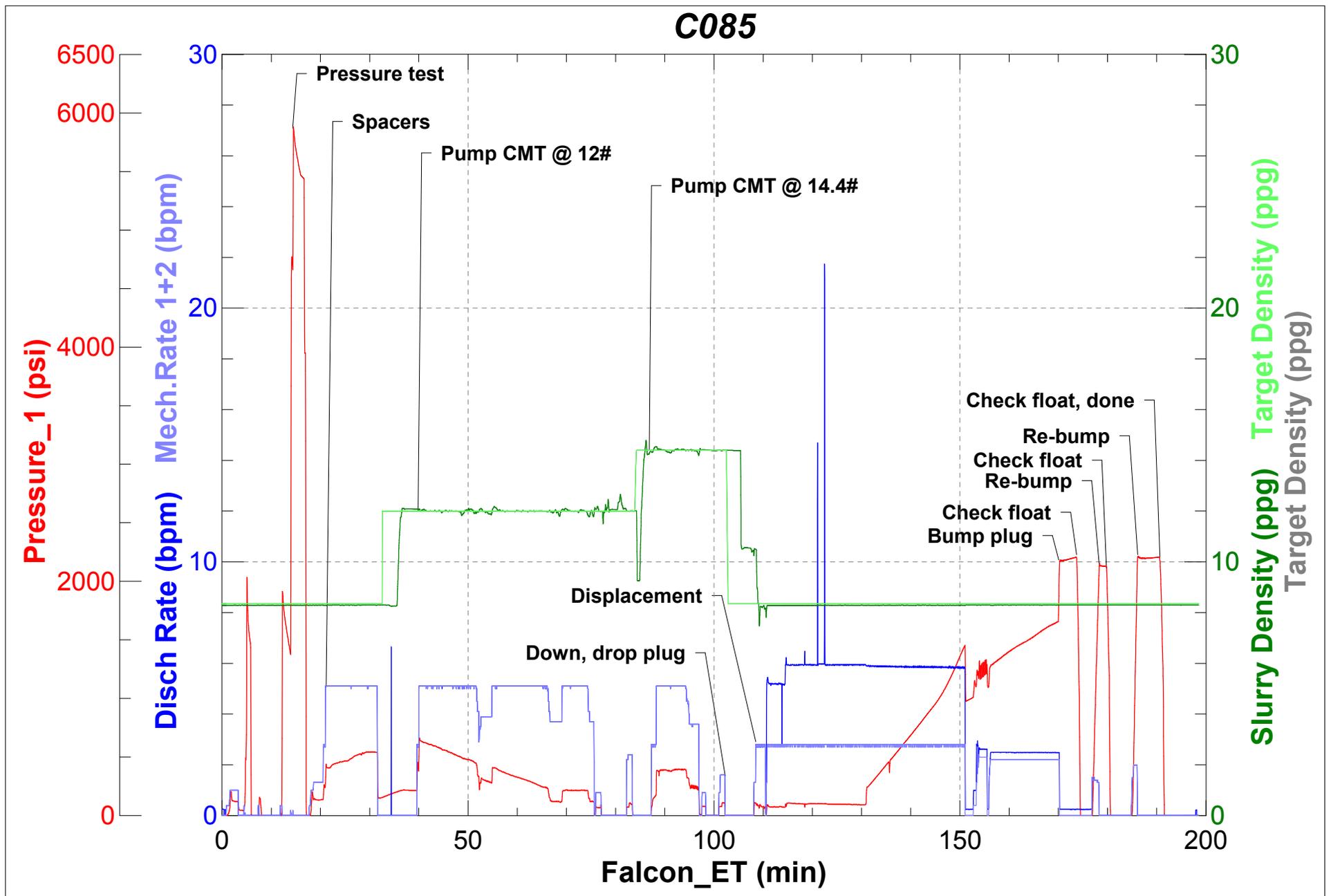
Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
Had to re-bump plug 2 times for float to hold.

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

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: 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	5878 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
17:15	0	0	0	0	N/A	Leave district	
18:07	0	0	0	0	N/A	Arrive on location, 34 miles, running casing, RTS 2100	
01:00	0	0	0	0	N/A	Spot trucks	
01:10	0	0	0	0	N/A	Rig up safety meeting	
05:00	0	0	0	0	N/A	Pre job safety meeting	
05:20	173	0	1	2	H2O	Load lines	
05:24	5878	0	0	0	H2O	Pressure test pump & lines	
05:37	441	0	5.1	18	H2O	Fresh water spacer	
05:43	457	0	5.1	20	H2O	Mud Clean I spacer	
05:47	522	0	5.1	10	H2O	Dyed water spacer	
05:49	541	0	5.1	10	H2O	Fresh water spacer	
05:52	632	0	5.1	176.3	CMT	Batch, weigh, pump CMT @ 12# (440sks) Top of lead @ surface	
06:46	395	0	5.1	46	CMT	Pump tail CMT @ 14.4# (230sks) Top of tail @ 5436	
07:01	0	0	0	0	N/A	Down, drop plug	
07:07	1442	0	5.9	230	H2O	Displacement	
07:50	0	0	0	0	N/A	Stop to switch hoses	
07:52	1697	0	2.5	37	H2O	Displacement (Cement @ surface at 252bbls away)	
08:09	2187	0	0	0	H2O	Bump plug	
08:12	2206	0	0	0	H2O	Check float, 2bbls back, did not hold	
08:15	2159	0	1.5	2	H2O	Pressure up on plug	
08:17	2159	0	0	0	H2O	Re-bump	
08:18	2139	0	0	0	H2O	Check float, 2bbls back, did not hold	
08:23	2208	0	2	2	H2O	Pressure up on plug	
08:24	2208	0	0	0	H2O	Re-bump	
08:29	2208	0	0	0	H2O	Check float, 2bbls back, held	
08:36	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	1697	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	15	553	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	





FIELD RECEIPT NO. 10011169769

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. 08	DAY 04	YEAR 2015	BHI REPRESENTATIVE TRAVIS TOLMAN	WELL API NO: 05123417110000	WELL TYPE : New Well					
DISTRICT PP, BRIGHTON					JOB DEPTH (ft) 7,236	WELL CLASS : Oil					
WELL NAME AND NUMBER CARLSON #C-15-16HN					TD WELL DEPTH (ft) 7,250	GAS USED ON JOB : No Gas					
WELL LOCATION :		LEGAL DESCRIPTION 15-5N-65W			COUNTY/PARISH Weld	STATE Colorado	JOB TYPE CODE : Intermediate				
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT	
100021	Class G Cement				sacks	115	31.800	3,657.00	78%	804.54	
100275	Sodium Metasilicate				lbs	116	4.100	475.60	78%	104.63	
100283	R-3				lbs	20	3.840	76.80	78%	16.90	
100295	Cello Flake				lbs	110	5.100	561.00	78%	123.42	
100317	Poz (Fly Ash)				sacks	115	14.200	1,633.00	78%	359.26	
398110	Mud Clean I				gals	840	1.700	1,428.00	78%	314.16	
398244	Premium Lite High Strength				sacks	440	57.800	25,432.00	78%	5,595.04	
488013	CD-32				lbs	58	13.300	771.40	78%	169.71	
488015	FL-52				lbs	384	26.900	10,329.60	78%	2,272.51	
488019	FP-6L				gals	5	104.250	521.25	78%	114.68	
488449	Bentonite II				lbs	387	0.440	170.28	78%	37.46	
499705	ASA-301				lbs	77	20.250	1,559.25	78%	343.04	
499767	FL-63				lbs	116	72.000	8,352.00	82%	1,503.36	
SUB-TOTAL FOR Product Material								54,967.18	78.61%	11,758.71	
ARRIVE LOCATION :	MO. 08	DAY 04	YEAR 2015	TIME 18:07	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. Tom Thomas									CUSTOMER AUTHORIZED AGENT X		
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS									BHI APPROVED X		
					CUSTOMER AUTHORIZED AGENT						



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PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT	
VP001	Cement Svcs Int Equip - 50 Miles or less				ea	1	7,250.000	7,250.00	0%	7,250.00	
	SUB-TOTAL FOR Equipment							7,250.00	0%	7,250.00	
M9985	Additional Hours				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							65,217.18	66.25%	22,008.71	
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