

CEMENT JOB REPORT



CUSTOMER BAYSWATER EXPLORATION &			DATE 08-OCT-15		F.R. # 10011179514			SERV. SUPV. Anthony J Staples						
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 Surface								
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE			MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD		
9-5/8" Top Cem Plug, Nitrile cvr, Phe		Float Shoe 9-5/8 - 8rd												
		Float Collar, Auto Fill, 9-5/8 - 8rd												
		Centralizer, with Pins, 9-5/8 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	
Type III Cement + Adds								275	14.5	1.40	6.80	01:52	68.6	44.47
Fresh Water								0	8.34	0	0		61.8	
Available Mix Water 100 Bbl.			Available Displ. Fluid 100 Bbl.			TOTAL					150.4	44.47		
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
12.25	30	860	8.921	9.625	36	CSG	860	860		843	799	1		
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.
						No Packer					9.625	8 RND	WATER BASED	8.4
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			
61.8	BBLS	Fresh Water		8.34	256	0	0	0	0	2816	1500	Upright		
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: .75				Circulation Rate: 7 BPM						
Mud Density In: 8.4 LBS/GAL				Mud Density Out: 8.4 LBS/GAL				PV & YP Mud In:			PV & YP Mud Out:			
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 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: 8				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														
PRESSURE/RATE DETAIL						EXPLANATION								

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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	

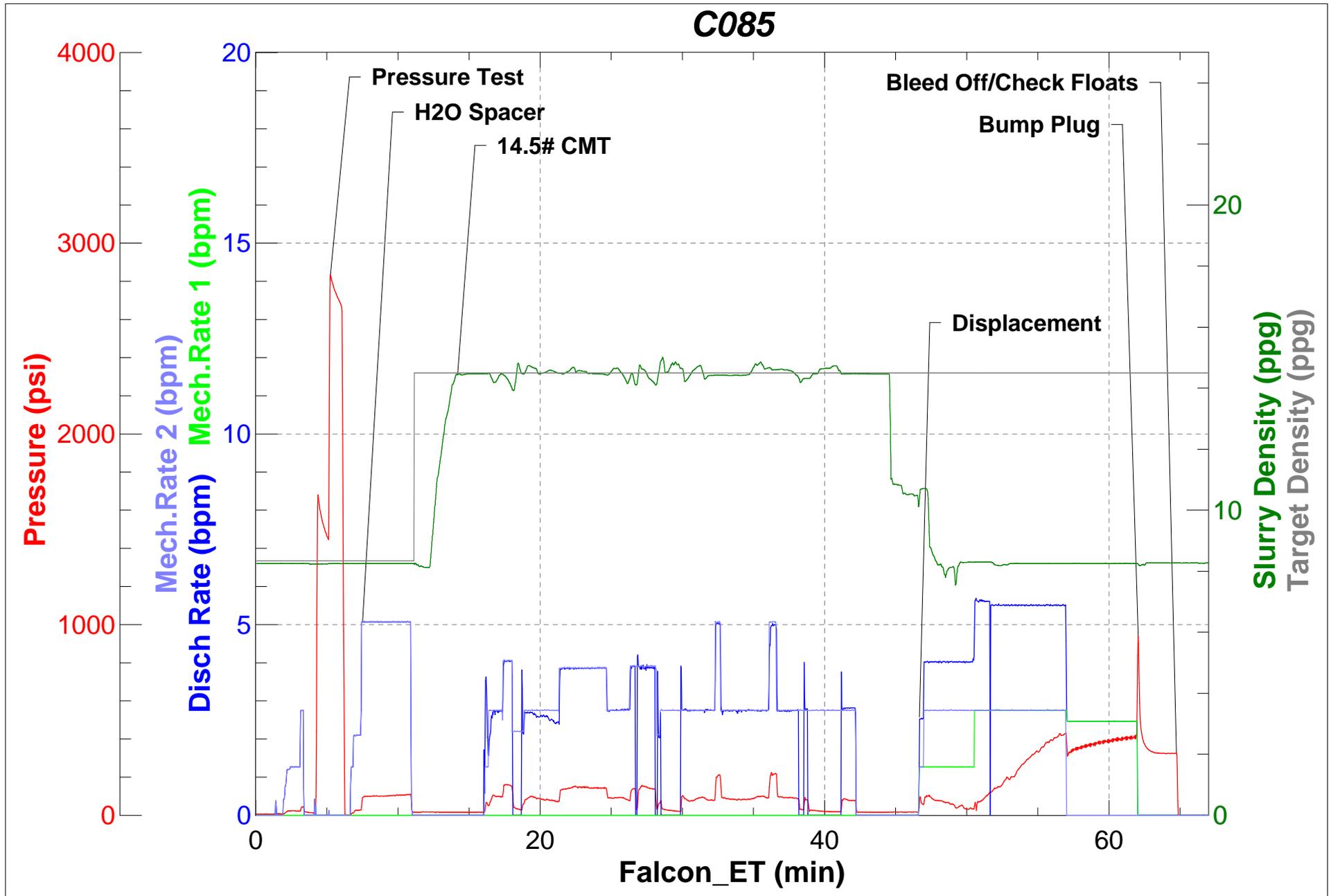
Problems Before Job (I.E. Running Casing, Circulating Well, ETC)
None

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	2826 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
12:00	0	0	0	0	N/A	Arrive on Location...34 Miles	
12:30	0	0	0	0	N/A	Spot Trucks	
12:40	0	0	0	0	N/A	Pre-Rig Up Safety Meeting	
14:50	0	0	0	0	N/A	Pre-Job Safety Meeting	
15:21	127	0	4.3	2	H2O	Load Lines	
15:24	2826	0	0	0	H2O	Pressure Test	
15:26	101	0	5	18	H2O	Fresh Water Spacer	
15:34	120	0	3.9	66	CMT	Batch, Weigh, and Pump 275sks 14.5# Type III Cement + .08 lbs/sk Static Free + 1% CaCl + .25 lbs/sk Cello Flake	
16:01	0	0	0	0	H2O	Shut Down Wash Up Mixing Tub	
16:06	0	0	0	0	H2O	Release Plug	
16:06	430	0	5.6	50	H2O	Displace	
16:16	418	0	2.5	12	H2O	Rate Change	
16:21	918	0	0	0	H2O	Bump Plug @ 62 Bbls away, 15 Bbls of CMT to Surface	
16:24	0	0	0	0	H2O	Check Floats	
16:26	0	0	0	0	N/A	Pre-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	918	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	15	148	0	Y <input checked="" type="checkbox"/> N	





FIELD RECEIPT NO. 10011179514

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 08	YEAR 2015	BHI REPRESENTATIVE Anthony J Staples	WELL API NO: 05123417150000	WELL TYPE : New Well			
DISTRICT PP, BRIGHTON				JOB DEPTH (ft) 843	WELL CLASS : Oil				
WELL NAME AND NUMBER CARLSON #L-15-16HN				TD WELL DEPTH (ft) 860	GAS USED ON JOB : No Gas				
WELL LOCATION :		LEGAL DESCRIPTION 15-5N-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	259	1.290	334.11	58%	140.33
100295	Cello Flake			lbs	69	5.100	351.90	58%	147.80
488019	FP-6L			gals	8	104.250	834.00	58%	350.28
499680	Static Free			lbs	22	40.700	895.40	58%	376.07
499703	Type III Cement			sacks	275	31.700	8,717.50	58%	3,661.35
	SUB-TOTAL FOR Product Material						11,132.91	58.00%	4,675.83
A152	Personnel Per Diem Chrg - Cement Svc			ea	1	210.000	210.00	0%	210.00
M100	Bulk Materials Blending Charge			cu ft	286	5.450	1,558.70	58%	654.65
	SUB-TOTAL FOR Service Charges						1,768.70	51.11%	864.65
ARRIVE LOCATION :	MO. 10	DAY 07	YEAR 2015	TIME 23:00	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					CUSTOMER AUTHORIZED AGENT X			BHI APPROVED 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	34	11.850	402.90	58%	169.22
J391	Mileage, Auto, Pick-Up or Treating Van				miles	34	6.700	227.80	58%	95.68
	SUB-TOTAL FOR Equipment							6,931.20	56.82%	2,992.60
J401	Bulk Delivery, Dry Products				ton-mi	460	3.940	1,812.40	58%	761.21
	SUB-TOTAL FOR Freight/Delivery Charges							1,812.40	58.00%	761.21
	FIELD ESTIMATE							21,645.21	57.06%	9,294.29
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CUSTOMER REP. Scott					CUSTOMER AUTHORIZED AGENT				X	
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS									CUSTOMER AUTHORIZED AGENT	