

CEMENT JOB REPORT



CUSTOMER BAYSWATER EXPLORATION &			DATE 08-OCT-14		F.R. # 10011106795			SERV. SUPV. Justin Brown						
LEASE & WELL NAME KAISER #E-10HN - API 0512339600000			LOCATION 10-6N-65W			COUNTY-PARISH-BLOCK Weld Colorado								
DISTRICT Brighton			DRILLING CONTRACTOR RIG # FRONTIER 8			TYPE OF JOB Liner								
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE			MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD		
4-1/2" Btm Cem Plug, Nitri cvr, Phen		Float Collar, Auto Fill, 4-1/2 - 8rd							Liner		11756	7114		
		Guide Shoe, Cement Nose, 4-1/2 i												
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			NA			0	8.34	0	0	00:10	20			
UltraFlush Spacer			NA			0	12	0	0	00:10	40			
(50:50) Class G:Poz + Adds			NA			376	14.5	1.44	6.19	00:25	96.34	55.43		
Fresh Water			NA			0	8.34	0	0	00:36	148.34			
Available Mix Water 400 Bbl.		Available Displ. Fluid 400 Bbl.		TOTAL		304.68		55.43						
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
6.125		11762	1	4.5	11.6	CSG	11756	7114	P-110	11756	11745.83	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.
6.3	7	26	CSG	7508	7114	LINER		6714	0	0	4	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			
139	BBLS	Fresh Water		8.34	1138	0	0	0	0	8552	3000	RIG		
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time: 2			Circulation Rate: 3.2 BPM								
Mud Density In: 8.4 LBS/GAL			Mud Density Out: 8.4 LBS/GAL			PV & YP Mud In: 0			PV & YP Mud Out: 0					
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 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 type="checkbox"/> MANIFOLD <input checked="" 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: 2500 PSI			With 8.4 LBS/GAL Mud			Time Held: 00 Hours 10 Minutes								
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: RIG SET LINER PRIOR TO CEMENTING														
PRESSURE/RATE DETAIL						EXPLANATION								

CEMENT JOB REPORT



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	

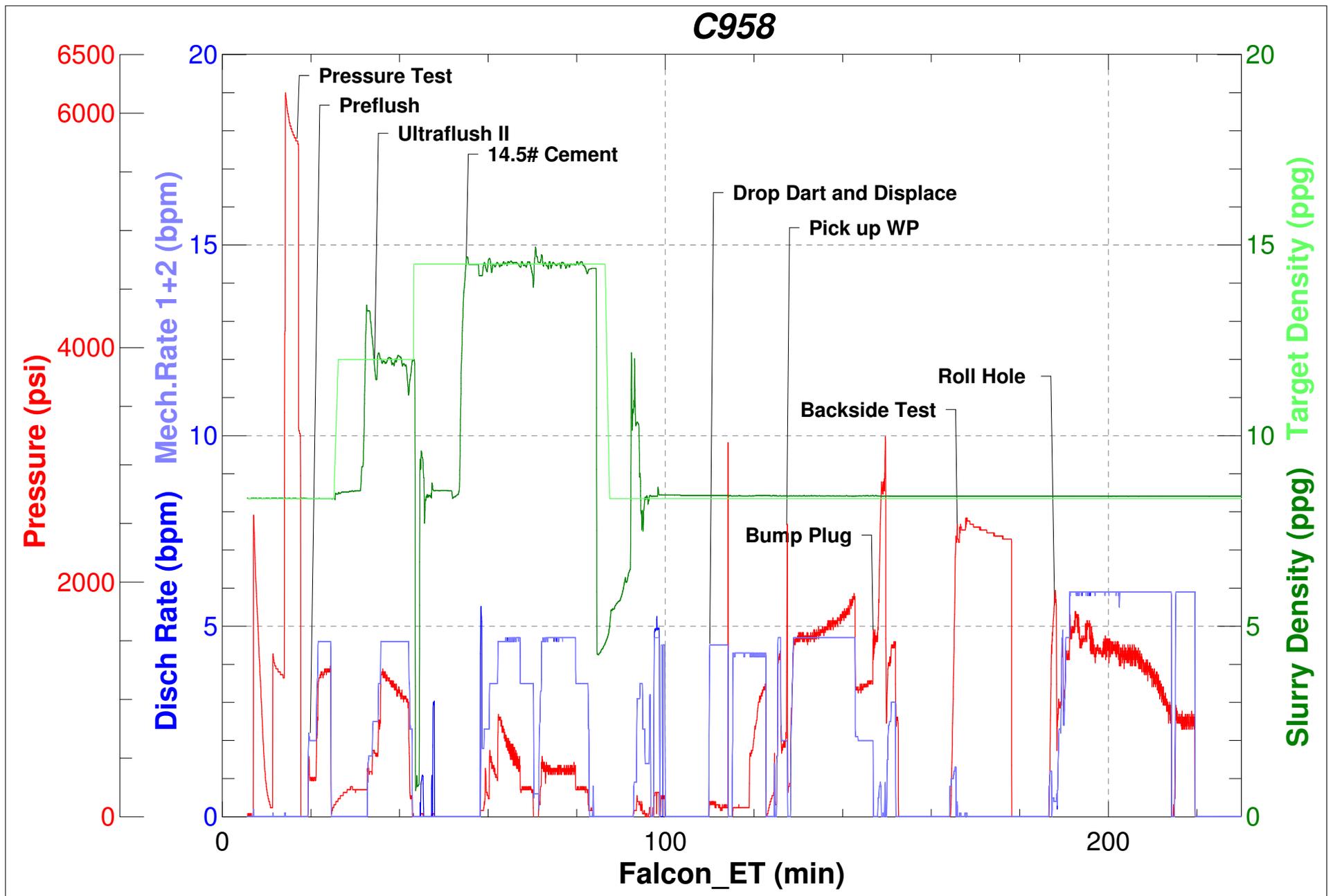
Problems Before Job (I.E. Running Casing, Circulating Well, ETC)
NONE

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	6190 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
16:48	0	0	0	0	0	LEAVE YARD	
18:02	0	0	0	0	0	ARRIVE LOCATION (RIG SETTING LINER)	
18:05	0	0	0	0	0	SPOT TRUCKS	
18:30	0	0	0	0	0	PRE RIG UP SAFETY MEETING	
20:30	0	0	0	0	0	PRE JOB SAFETY MEETING	
21:05	0	0	.8	1.5	H2O	LOAD LINES	
21:10	6190	0	0	0	H2O	PRESSURE TEST	
21:24	335	0	2	0	H2O	PUMP 20 BBLs FRESH WATER SPACER	
21:28	1210	0	4.6	20	H2O	PUMP RATE CHANGE	
21:40	941	0	2.5	37.5	SPACER	PUMP 40 BBLs BARITE WEIGHTED ULTRA FLUSH SPACER 12 PPG	
21:52	0	0	0	0	CMT	BATCH UP CEMENT	
22:04	438	0	3.5	95	CMT	PUMP CEMENT 14.5# (50:50 POZ (FLY ASH) CLASS G + 3% BENTONITE II + .2% FL-63 + .6% FL-52 + .01 GPS FP-6L + 20% SILICA FLOUR + .2% BA-59 + 61.5% FRESH WATER)	
22:35	0	0	0	0	H2O	DROP DART/ WASH UP PUMP	
22:57	78	0	4.3	0	H2O	DISPLACE (10 BBLs INITIAL SUGAR WATER + FRESH WATER DISPLACEMENT)	
23:05	1570	0	4.7	0	H2O	PUMP RATE CHANGE	
23:15	2502	0	4.7	0	H2O	PICKED UP WIPER PLUG AT 59.5 AWAY AND 2502 PSI	
23:16	1544	0	4.7	0	H2O	CONTINUE DISPLACEMENT	
23:35	1570	0	2	139	H2O	BUMP PLUG (FINAL LIFT AT 1138)	
23:36	3217	0	.9	.7	H2O	PUSH THROUGH SUMP	
23:36	1850	0	2.5	5	H2O	PUMP 5 BBLs WATER TO CLEAR SUMP	
23:40	0	0	0	0	H2O	CHECK FLOATS (.5 BBLs BACK)	
23:56	0	2570	0	0	H2O	BACKSIDE TEST	
00:17	1500	0	5.9	172	H2O	STING OUT AND ROLL HOLE	
02:00	0	0	0	0	N/A	POST JOB 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	1570	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	10	488	0	Y <input checked="" type="checkbox"/> N	





FIELD RECEIPT NO. 10011106795

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 2014	BHI REPRESENTATIVE Justin Brown	WELL API NO: 05123396000000	WELL TYPE : New Well			
DISTRICT BJS, BRIGHTON				JOB DEPTH (ft) 11,756		WELL CLASS : Oil			
WELL NAME AND NUMBER KAISER #E-10HN				TD WELL DEPTH (ft) 11,760		GAS USED ON JOB : No Gas			
WELL LOCATION :		LEGAL DESCRIPTION 10-6N-65W		COUNTY/PARISH Weld	STATE Colorado	JOB TYPE CODE : Liner			
PRODUCT CODE	DESCRIPTION			UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
100021	Class G Cement			sacks	193	31.800	6,137.40	58%	2,577.71
100121	Silica Flour			lbs	6468	0.590	3,816.12	58%	1,602.77
100283	R-3			lbs	65	3.840	249.60	58%	104.83
100316	Barite, Bulk			lbs	8080	0.630	5,090.40	58%	2,137.97
100317	Poz (Fly Ash)			sacks	193	14.200	2,740.60	58%	1,151.05
398117	Ultra Flush II System			bbbls	40	213.500	8,540.00	58%	3,586.80
428086	BA-59			lbs	65	36.000	2,340.00	58%	982.80
488015	FL-52			lbs	194	26.900	5,218.60	58%	2,191.81
488019	FP-6L			gals	4	104.250	417.00	58%	175.14
488449	Bentonite II			lbs	971	0.440	427.24	58%	179.44
499632	Granulated Sugar			lbs	50	3.840	192.00	58%	80.64
499767	FL-63			lbs	65	72.000	4,680.00	58%	1,965.60
SUB-TOTAL FOR Product Material							39,848.96	58.00%	16,736.56
ARRIVE LOCATION :	MO. 10	DAY 08	YEAR 2014	TIME 18:02	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 Osborne				SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				CUSTOMER AUTHORIZED AGENT X	
						CUSTOMER AUTHORIZED AGENT		BHI APPROVED X	



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PRODUCT CODE	DESCRIPTION			UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
A152	Personnel Per Diem Chrg - Cement Svc			ea	1	210.000	210.00	0%	210.00
M100	Bulk Materials Blending Charge			cu ft	795	5.450	4,332.75	58%	1,819.76
M205	Environmental charges, non-BJ			ea	1	1,400.000	1,400.00	0%	1,400.00
	SUB-TOTAL FOR Service Charges						5,942.75	42.29%	3,429.76
F075A	Cement Pumping, 11001 - 12000 ft			8hrs	1	20,950.000	20,950.00	58%	8,799.00
F090	Fuel per pump charge - cement			pump/hr	6	70.250	421.50	0%	421.50
J225	Data Acquisition, Cement, Standard			job	1	2,130.000	2,130.00	58%	894.60
J390	Mileage, Heavy Vehicle			miles	90	11.850	1,066.50	58%	447.93
J391	Mileage, Auto, Pick-Up or Treating Van			miles	90	6.700	603.00	58%	253.26
	SUB-TOTAL FOR Equipment						25,171.00	57.03%	10,816.29
J401	Bulk Delivery, Dry Products			ton-mi	1133	3.940	4,464.02	58%	1,874.89
	SUB-TOTAL FOR Freight/Delivery Charges						4,464.02	58.00%	1,874.89
	FIELD ESTIMATE						75,426.73	56.44%	32,857.50
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CUSTOMER REP. Scott Osborne					CUSTOMER AUTHORIZED AGENT			X	
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS								BHI APPROVED	
					CUSTOMER AUTHORIZED AGENT				