CEMENT JOB REPORT

BAKER HUGHES

CUSTOMER	DATE	F.R. #	SERV. SUPV.
BAYSWATER EXPLORATION &	11-DEC-15	10011187763	TRAVIS TOLMAN

LEASE & WELL NAME	LOCATION	COUNTY-PARISH-BLOCK
HESTER FARMS #L-36HN - API 05123420040000	31-7N-66W	Weld Colorado
DISTRICT	**DRILLING CONTRACTOR RIG #**	**TYPE OF JOB**
Brighton	Frontier 8	Long String

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
Cement Plug, Rubber, Top 5-1/2 in	Float Collar, Auto Fill, 5-1/2 - 8rd						
	Float Shoe 5-1/2 - 8rd						
	Centralizer, with Pins, 5-1/2 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	Bbl SLURRY	Bbl MIX WATER
FRESH WATER		0	8.34	0	0		20	
50:50 Class G/Poz + Adds		990	13.8	1.75	8.01		308.09	188.82
Fresh Water + Alpha 1427 + Claycare		0	8.34	0	0		276.74	
UltraFlush II		0	11	5.18	34.93		60	54.09
LEAD PLHS RM + Adds		825	12	2.43	13.64		356.32	267.93
						TOTAL	1021.15	510.83

Available Mix Water 900 Bbl. Available Displ. Fluid 360 Bbl.

HOLE SIZE	% EXCESS	DEPTH	TBG-CSG-D.P. ID	OD	WGT.	TYPE	MD	TVD	GRADE	COLLAR DEPTHS SHOE	FLOAT	STAGE
8.75	25	12000	4.892	5.5	17	CSG	11983	7178		11983	11969	0

LAST CASING ID	OD	WGT	TYPE	MD	TVD	PKR-CMT RET-BR PL-LINER BRAND & TYPE	DEPTH	PERF. DEPTH TOP	BTM	TOP CONN SIZE	THREAD	WELL FLUID TYPE	WGT.
8.9	9.63	36	CSG	1550	1550	No Packer	0	0	0	5.5	BUTT	WATER BASED	10

DISPL. VOLUME VOLUME	UOM	DISPL. FLUID TYPE	WGT.	CAL. PSI BUMP PLUG	CAL. MAX PSI TO REV.	OP. MAX SQ. PSI	MAX TBG PSI RATED	Operator	MAX CSG PSI RATED	Operator	MIX WATER
278.2	BBLS	Fresh Water + Alpha	8.34	0	0	0	0	0	8512	5000	Tank

Circulation Prior to Job

Circulated Well: Rig [X] BJ [ ] | Circulation Time: 2 | Circulation Rate: 7.3 BPM

Mud Density In: 10 LBS/GAL | Mud Density Out: 10 LBS/GAL | PV & YP Mud In: 11 | PV & YP Mud Out: 11

Gas Present: NO [X] YES [ ] Units: | Solids Present at End of Circulation: NO [X] YES [ ]

Displacement And Mud Removal

Displaced By: Rig [ ] BJ [X] | Amount Bled Back After Job: 1.5 BBLS

Returns During Job: [ ] NONE [ ] PARTIAL [X] FULL | Method Used to Verify Returns: Visual

Cement Returns at Surface: [X] YES [ ] NO | Were Returns Planned at Surface: [ ] NO [X] YES

Pipe Movement: [ ] ROTATION [ ] RECIPROCATION [X] NONE [ ] UNABLE DUE TO STUCK PIPE

Centralizers: [ ] NO [X] YES | Quantity: 143 | Type: [ ] BOW [ ] RIGID

Job Pumped Through: [ ] CHOKE MANIFOLD [ ] SQUEEZE MANIFOLD [X] MANIFOLD [ ] NO MANIFOLD

Plugs

Number of Attempts by BJ: 0 | Competition: 0 | Wiper Balls Used: [X] NO [ ] YES Quantity:

Plug Catcher Used: [X] NO [ ] YES | Parabow Used: [X] NO [ ] YES

Was There a Bottom: [X] NO [ ] YES | Top of Plug: 0 FT | Bottom of Plug: 0 FT

Squeezes (Update Original Treatment Report for Primary Job)

BLOCK SQUEEZE [ ] SHOE SQUEEZE [ ] TOP OF LINER SQUEEZE [ ] PLANNED [ ] UNPLANNED [ ]

Liner Packer: [X] NO [ ] YES | Bond Log: [X] NO [ ] 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

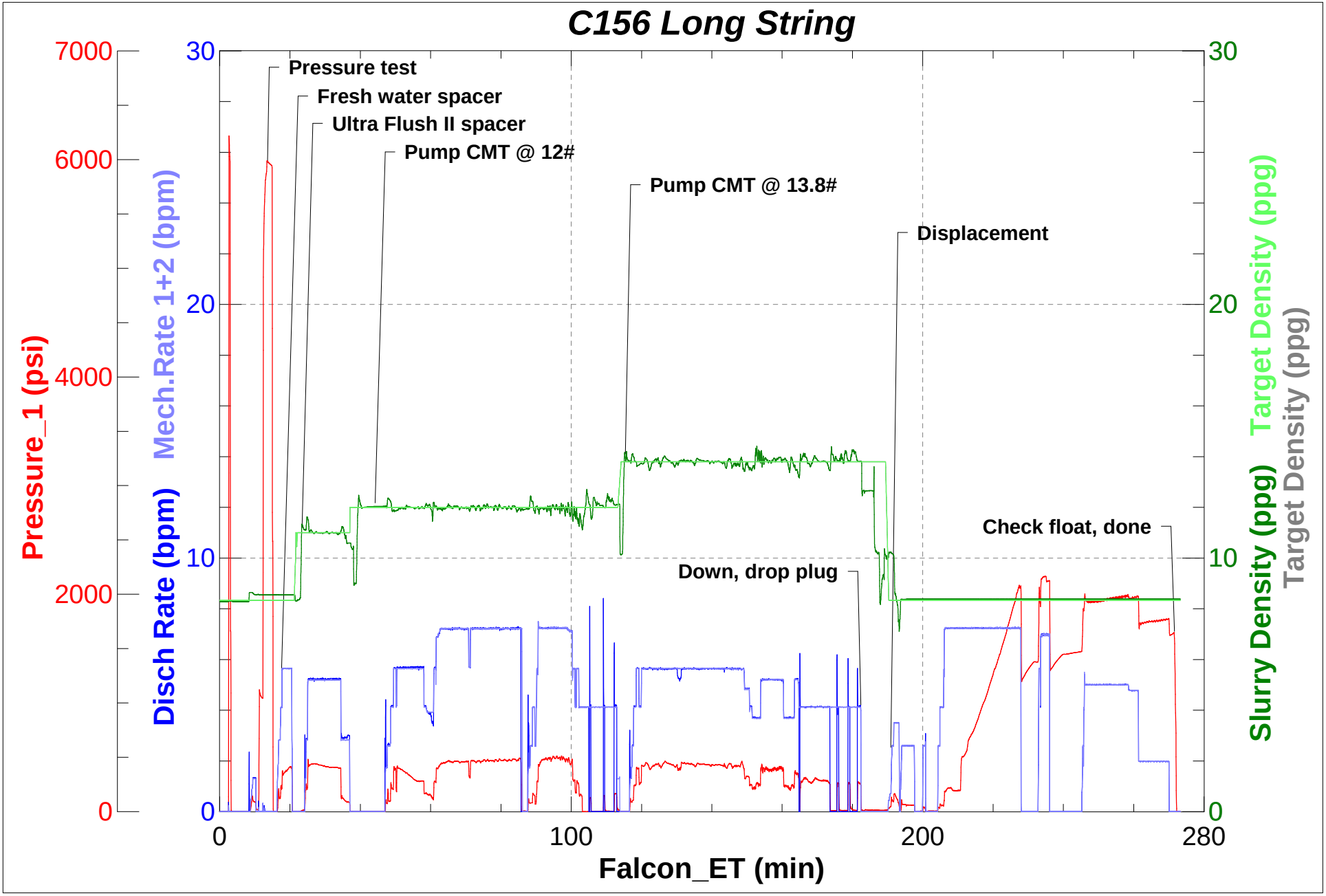
Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
Did not bump plug

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

PRESSURE/RATE DETAIL — **EXPLANATION**

SAFETY MEETING: BJ CREW [X] **CO. REP.** [X]
TEST LINES 6001 **PSI**
CIRCULATING WELL - RIG [X] **BJ** [ ]

TIME HR:MIN.	PRESSURE - PSI PIPE	PRESSURE - PSI ANNULUS	RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	EXPLANATION
20:07	0	0	0	0	N/A	Leave district
21:10	0	0	0	0	N/A	Arrive on location, 46 miles, rigging down casers
21:20	0	0	0	0	N/A	Spot trucks
21:30	0	0	0	0	N/A	Rig up safety meeting
00:52	0	0	0	0	N/A	Pre job safety meeting
01:20	141	0	1.3	2	H2O	Load lines
01:28	6001	0	0	0	H2O	Pressure test pump & lines
01:33	375	0	5.6	18	H2O	Fresh water spacer
01:40	433	0	5.2	60	BAR	Ultra Flush II spacer @ 11#
01:57	496	0	7.2	354	CMT	Batch, weigh, pump CMT @ 12# (825sks)
03:13	400	0	5.6	295	CMT	Pump CMT @ 13.8# (990sks)
04:21	0	0	0	0	N/A	Down, drop plug
04:29	0	0	0	0	H2O	Wash up
04:38	2120	0	7.2	168	H2O	Displacement with Alpha 1427 & Claycare
05:07	0	0	0	0	N/A	Rig asked to shut down
05:11	2200	0	7.2	21	H2O	Displacement
05:15	0	0	0	0	N/A	Shut down to switch returns to celler
05:24	1986	0	5	79	H2O	Displacement
05:40	1775	0	2	17	H2O	Slow rate
05:49	0	0	0	0	N/A	Shut down, did not bump plug (285bbls)
05:51	0	0	0	0	H2O	Check float, held (1.5bbls back)
05:55	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:
Y [N]	0	[Y] N	95	1014	0	Y [N]	

Baker Hughes JobMaster Program Version 4.02
Job Number: 10011187763
Customer: Bayswater
Well Name: Hester Farms L-36HN