CEMENT JOB REPORT

CUSTOMER	DATE	F.R. #	SERV. SUPV.
BAYSWATER EXPLORATION &	26-NOV-14	10011120679	TIM ADAMS
LEASE & WELL NAME	**LOCATION**		**COUNTY-PARISH-BLOCK**
MOJACK #L-28HN - API 05123398350000	28-7N-64W		Weld Colorado
DISTRICT	**DRILLING CONTRACTOR RIG #**		**TYPE OF JOB**
Brighton	FRONTIER 8		Liner

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
Dart For Plug Catcher, 4-1/2 In	Float Collar, Auto Fill, 4-1/2 - 8rd	Liner Packer	6606	6606	Liner	6610	6610
	Float Shoe 4-1/2 - 8rd						

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	N/A	0	8.34	0	0	00:00	20	
UltraFlush Spacer	N/A	0	12	3.77	24.34	00:00	40	34.52
(50:50) Class G:Poz + Adds		390	14.5	1.44	6.19	04:33	98	56.36
Fresh Water	N/A	0	8.34	0	0	00:00	134	
						TOTAL	292	90.88

Available Mix Water 400 Bbl. Available Displ. Fluid 280 Bbl.

HOLE SIZE	HOLE % EXCESS	HOLE DEPTH	TBG-CSG-D.P. ID	OD	WGT.	TYPE	MD	TVD	GRADE	COLLAR DEPTHS SHOE	FLOAT	STAGE
6.125	18	0	3.34	4	14	DP	4756	4756		11601	11591	0
			2.563	4	28.9	DP	1841	6590				
			4	4.5	11.6	CSG	4985	7075	P-110			

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.
6.3	7	26	CSG	7278	7075	Packer	6606	0	0	4	8RND	WATER BASED	9.4

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
134	BBLS	Fresh Water	8.34	0	0	0	0	0	8552	4000	Frac tank

Circulation Prior to Job

Circulated Well: Rig [X] BJ [ ] | Circulation Time: 2 | Circulation Rate: 6 BPM

Mud Density In: 9.4 LBS/GAL Mud Density Out: 9.4 LBS/GAL | PV & YP Mud In: 7 | PV & YP Mud Out: 7

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: .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: [X] NO [ ] YES | Quantity: | Type: [ ] BOW [ ] RIGID

Job Pumped Through: [ ] CHOKE MANIFOLD [ ] SQUEEZE MANIFOLD [ ] MANIFOLD [X] 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

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)

Rig lost power while pumping a sweeper run before job. Had to do another sweeper run once rig was operational again.

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)

Rig hose burst while rolling hole - had to shut down while it was being replaced.
Rig valve was frozen shut, causing us to have to shut down while they figured out a solution.

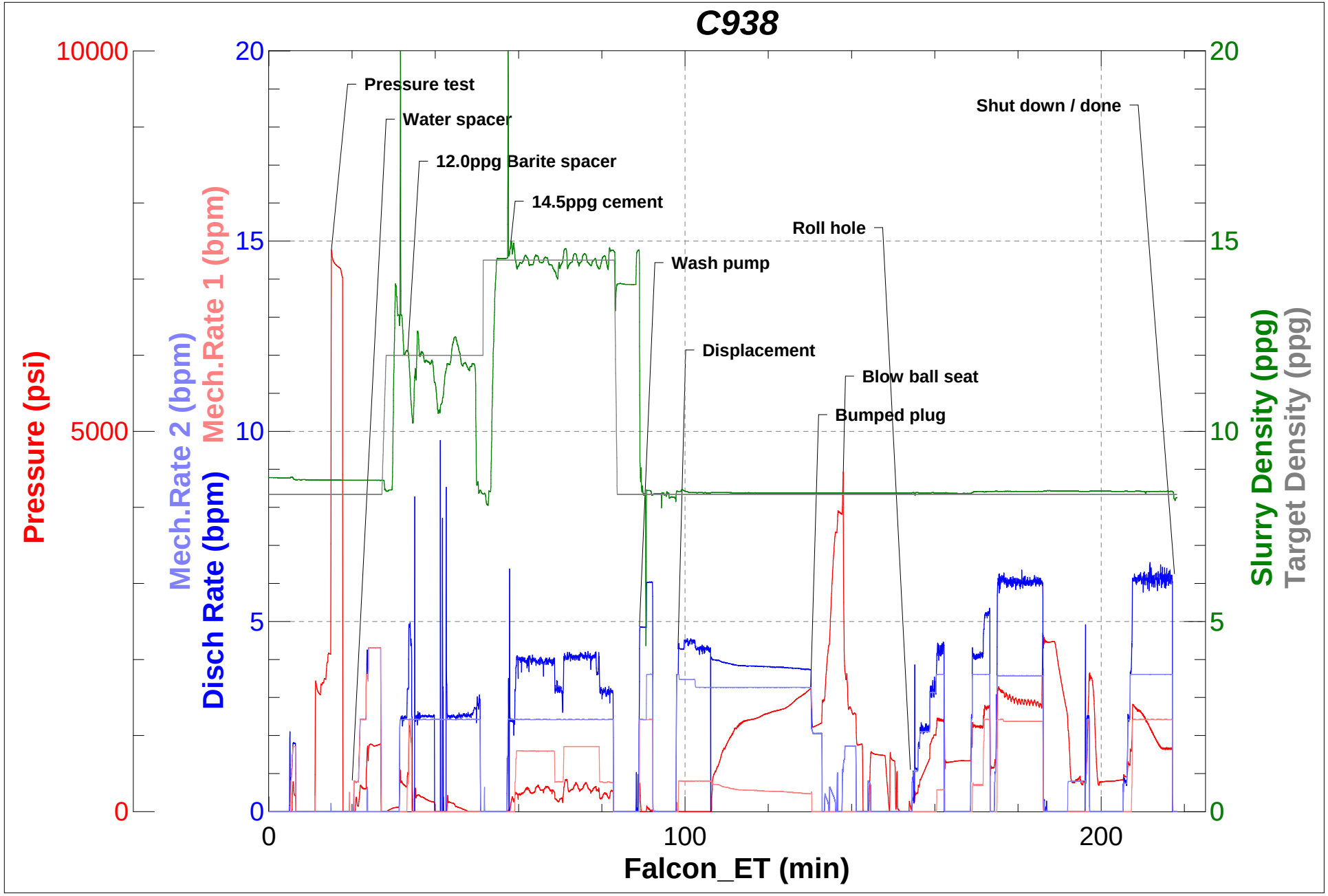
Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)

None

PRESSURE/RATE DETAIL

TIME HR:MIN.	PRESSURE - PSI PIPE	PRESSURE - PSI ANNULUS	RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	EXPLANATION
						SAFETY MEETING: BJ CREW [X] CO. REP. [X]
						TEST LINES 7330 PSI
						CIRCULATING WELL - RIG [X] BJ [ ]
08:00	0	0	0	0	NA	Yard call
11:20	0	0	0	0	NA	Leave yard
12:38	0	0	0	0	NA	Arrive on location (50 miles, Rig broke down)
12:44	0	0	0	0	NA	Spot trucks
12:57	0	0	0	0	NA	Rig up safety meeting
18:37	0	0	0	0	NA	Pre-job safety meeting
19:06	240	0	1.1	2	H2O	Load lines
19:12	7330	0	0	0	H2O	Pressure test
19:22	864	0	4.3	20	H2O	Fresh water spacer
19:34	133	0	2.5	40	H2O	Ultraflush spacer
19:54	342	0	4.1	98	CMT	Batch / weigh / pump cement (390sx, 14.5ppg)
20:24	0	0	0	15	H2O	Shut down / wash up
20:39	1616	0	4.2	130	H2O	Displace (1st 10bbls sugar water - caught pressure at 37bbls away)
21:12	1168	0	2	4	H2O	Change rate
21:15	1501	0	0	0	NA	"Bump" plug / shut down (5 bbls over calculated displacement for a wet shoe)
21:16	4463	0	.6	1	H2O	Blow ball seat
21:20	1284	0	1.7	5	H2O	Pump wet shoe
21:23	881	0	0	0	NA	Shut down
21:25	0	0	0	0	NA	Check floats (floats held - 0.5bbls back)
21:26	787	0	.8	.5	H2O	Pressure up on drill pipe
21:33	0	0	0	0	NA	Bleed off pressure (leak on drill pipe)
21:36	968	0	4	20	H2O	Begin to roll hole (cone water to roll hole)
21:45	0	0	0	0	NA	Shut down (Rig hose supplying cone water burst - had to replace hose before continuing)
21:50	1630	0	6	89	H2O	Continue rolling hole
22:09	2232	0	0	0	NA	Overpressured - rig valve frozen shut when they tried to switch plumbing back by shakers
22:12	486	0	0	0	NA	Bleed off
22:28	1364	0	6	56	H2O	Finish rolling the hole (14 bbls cement back, 175bbls pumped total)
22:39	0	0	0	0	H2O	Shut down / bleed off / done

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	1501	[Y] N	14	490	0	Y [N]	


C938
Pressure test
Water spacer
12.0ppg Barite spacer
14.5ppg cement
Roll hole
Wash pump
Displacement
Blow ball seat
Bumped plug
Shut down / done
Pressure (psi)
Mech.Rate 2 (bpm)
Disch Rate (bpm)
Mech.Rate 1 (bpm)
Slurry Density (ppg)
Target Density (ppg)
Falcon_ET (min)
10000
5000
0
20
15
10
5
0
100
200