CEMENT JOB REPORT

BAKER HUGHES

CUSTOMER	DATE	F.R. #	SERV. SUPV.
BAYSWATER EXPLORATION &	03-MAY-15	10011153333	STEPHEN J CARDOS

LEASE & WELL NAME	LOCATION	COUNTY-PARISH-BLOCK
ARELLANO #K-10-9HN - API 05123411060000	9-5N-65W	Weld Colorado
DISTRICT	**DRILLING CONTRACTOR RIG #**	**TYPE OF JOB**
Brighton	FRONTIER 8	Intermediate

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
Cement Plug, Rubber, Bottom 7 in	Float Collar, Auto Fill, 7 - 8rd	N/A	0	0	N/A	0	0
	Float Shoe 7 - 8rd						

MATERIALS FURNISHED BY BJ	LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT_3	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
FRESH WATER	N/A	0	8.34	0	0	00:00	20	
MUD CLEAN I	N/A	0	8.5	0	0	00:00	20	
FRESH WATER	N/A	0	8.34	0	0	00:00	20	
PLHS + ADDITIVES		450	12	2.42	13.59		193.9	145.76
50:50 Class G/Poz + Adds		225	14.4	1.22	5.37		48.8	28.64
Fresh Water	N/A	0	8.34	0	0	00:00	264.72	
						TOTAL	567.42	174.40

Available Mix Water 400 Bbl. Available Displ. Fluid 1000 Bbl.

HOLE SIZE	% EXCESS	DEPTH	TBG-CSG-D.P. ID	OD	WGT.	TYPE	MD	TVD	GRADE	COLLAR DEPTHS SHOE	FLOAT	STAGE
8.75	25	7286	6.184	7	29	CSG	7286	6801	P-110	7292	7249	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	750	750	NO PACKER	0	0	0	7	8RND	WATER BASED	10.1

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
269	BBLS	Fresh Water	8.34	928	0	0	0	0	8976	3989	RIG TANK

Circulation Prior to Job

Circulated Well: Rig [X] BJ [ ] | Circulation Time: 1 | Circulation Rate: 6 BPM

Mud Density In: 10.1 LBS/G | Mud Density Out: 10.1 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: 61 | 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)

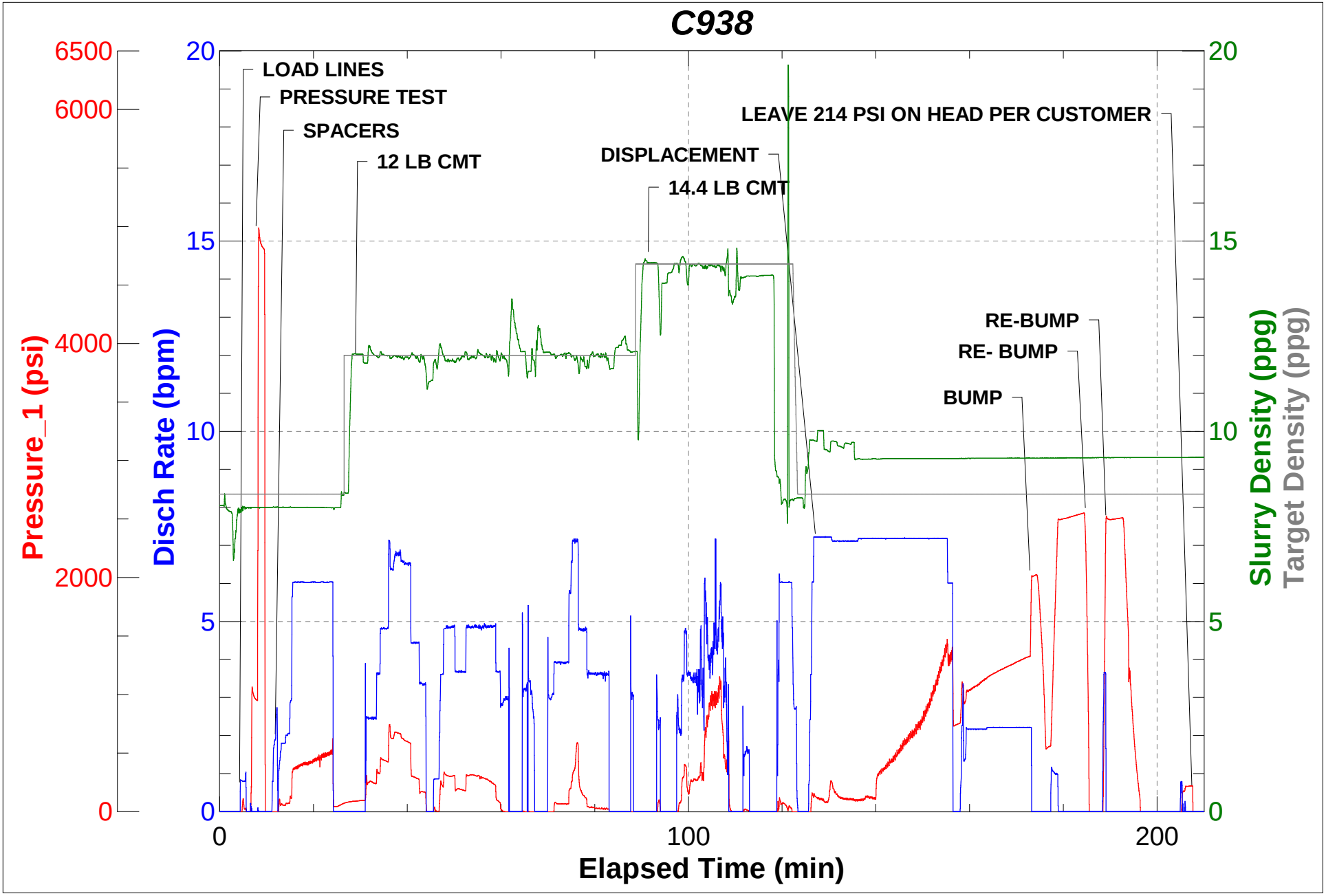
Depth Drilled out of Shoe: 0 FT	Target EMW: 0 LBS/GAL Actual EMW: 0 LBS/GAL
Number of Times Tests Conducted: 0	Mud Weight When Test was Conducted: 0 LBS/GAL

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

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
NONE

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

PRESSURE/RATE DETAIL						EXPLANATION
TIME HR:MIN.	PRESSURE - PSI PIPE	PRESSURE - PSI ANNULUS	RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW [X] CO. REP. [X]
						TEST LINES 4989 PSI
						CIRCULATING WELL - RIG [X] BJ [ ]
14:15	0	0	0	0	N/A	LEAVE YARD
15:16	0	0	0	0	N/A	ARRIVE ON LOCATION(RUNNING CASING,WE RAN WATER LINES)
15:50	0	0	0	0	N/A	SPOT TRUCKS(WAIT FOR CASING CREW TO MOVE)
16:10	0	0	0	0	N/A	PRE RIG UP SAFETY MEETING
16:15	0	0	0	0	N/A	RIG UP
16:55	0	0	0	0	N/A	SAFETY MEETING(RIG CIRCULATING,STOP AND HOOK UP HEAD & MANIFOLD)
17:30	22	0	.8	1	H2O	LOAD LINES
17:32	4989	0	0	0	H2O	PRESSURE TEST
17:40	391	0	6	19	H2O	FRESH WATER SPACER
17:46	430	0	6	20	H2O	MUD CLEAN SPACER
17:48	440	0	6	20	H2O	FRESH WATER SPACER
17:51	585	0	6.5	192	CMT	BATCH/WEIGH/PUMP 12 LB CEMENT
18:55	305	0	3.6	47	CMT	BATCH/WEIGH/PUMP 14.4 LB CEMENT
19:22	0	0	0	0	MUD	DOWN/DROP PLUG
19:29	1396	0	7.1	223	MUD	DISPLACEMENT
20:04	1396	0	0	0	MUD	DOWN/RIG SWITCH TO CELLAR FOR RETURNS
20:05	1381	0	2.1	269	MUD	DISPLACEMENT(PER COUNTER)
20:25	2496	0	0	0	MUD	DOWN/BUMP PLUG
20:26	0	0	0	0	MUD	TEST FLOATS
21:31	2500	0	0	0	MUD	RE-BUMP
12:36	0	0	0	0	H2O	BLEED OFF
12:38	2500	0	0	0	H2O	RE-BUMP
12:41	0	0	0	0	H2O	BLEED OFF/FLOATS DID NOT HOLD (3/4 SOLID STREAM)
20:55	214	0	1	1	H2O	LEFT 214 PSI ON HEAD&MANIFOLD PER CUSTOMER
20:56	0	0	0	0	N/A	BLEED OFF LINES / JOB 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	2496	[Y] N	36	570	214	Y [N]	

Baker Hughes JobMaster Program Version 4.02
Job Number: 10011153333
Customer: BAYSWATER
Well Name: ARELLANO K-10-9HN