CEMENT JOB REPORT

CUSTOMER BAYSWATER EXPLORATION &	**DATE** 31-MAY-15	**F.R. #** 10011158085	**SERV. SUPV.** Edgar Lozano Diaz
LEASE & WELL NAME SHERLEY #H-4-9HN - API 05123409000000	**LOCATION** 4-5N-65W		**COUNTY-PARISH-BLOCK** Weld Colorado
DISTRICT Brighton	**DRILLING CONTRACTOR RIG #** FRONTIER 10		**TYPE OF JOB** Liner

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
	Float Shoe 4-1/2 - 8rd						
	Float Collar, Al Flap, 4-1/2 - 8rd						
	Stop Collar, 4-1/2 in						
	Centralizer, with Fins, 4-1/2 in						
	Thread Locking Compound						

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			8.34				20	
UltraFlush Spacer			10.5				80	
(50:50) Class G:Poz + Adds		580	13	2.06	10.30	08:18	212	141.74
Fresh Water + Alpha 1427 + ClayCare			8.34				200	
ROLL THE HOLE			8.34				155	

Available Mix Water 400 **Bbl.** **Available Displ. Fluid** 400 **Bbl.** **TOTAL** 667 141.74

HOLE SIZE	HOLE % EXCESS	HOLE DEPTH	TBG-CSG-D.P. ID	OD	WGT.	TYPE	MD	TVD	GRADE	COLLAR DEPTHS SHOE	FLOAT	STAGE
6.125	15	16890	3.92	4.5	13.5	LNR	10264	6348	P-110	16886	16837	0
			3.34	4	14	DP	3986	6348	S-135			
			2.563	4	29	DP	2650	6348	S-135			

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	7414	6880	TSP WT PACKER	66	0	0	4	8RD		

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
200	BBLS	Fresh Water + Alpha 1	8.34	1800	0	0	0	0	5000	4000	RIG TANK
		ROLL THE HOLE	8.34								

Circulation Prior to Job

Circulated Well: Rig [X] BJ [ ] | Circulation Time: 2 | Circulation Rate: 4 BPM

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

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

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

Pipe Movement: [ ] ROTATION [ ] RECIPROCATION [ ] 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: [ ] NO [X] YES | Bond Log: [X] NO [ ] YES | PSI Applied: 0 | Fluid Weight: 0 LBS/GAL

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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

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)

N|A

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

PROBLEM WE ARE PUMP NOT HOLDING PRESSURE WHEN WE DID THE BACK SIDE PRESSURE TEST WE TRIED 2 TIME , SO WE PRESSURE ONE MOR TIME AND WE INSULATE ARE PUMP,SO THE RIG MONITOR THE PRESSURE THE BACK SIDE TEST GOOD TO 2000 PSI FORE 10 MINUTES, JOB DONE SAFE.

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

N\A

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:

PRESSURE/RATE DETAIL						EXPLANATION
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW [X] CO. REP. [X]
	PIPE	ANNULUS				TEST LINES 5000 PSI
						CIRCULATING WELL - RIG [X] BJ [ ]
04:30	0	0	0	0	0	LEAVE THE YARD
05:20	0	0	0	0	0	ARRIVE TO LOCATION
05:30	0	0	0	0	0	SPOT TRUCK
06:00	0	0	0	0	0	RIG UP MEETING
08:00	0	0	0	0	0	SAFETY MEETING
08:20	0	0	0	0	0	MAKE TOP CONNECTION
08:35	50	0	1	2	H2O	LOAD LINE
08:40	800	0	0	0	0	LOW PRESSURE TEST
08:45	5000	0	0	0	0	PRESSURE TEST
08:50	1400	0	4.8	20	H2O	FRESH WATER SPACER
09:00	850	0	3.5	80	H2O	ULTRAFLUSH SPACER
09:25	300	0	4.5	212	CMT	50:50 POZ(FLY ASH) CMT 580 SACKS 212 BbLS @ 13#
10:39	0	0	0	0	0	SHUT DOWN TOOL HAND DROP PLUG
10:43	13	0	3	20	H2O	PRESSURE @ RATE
10:52	670	0	2	30	H2O	SLOW PRESSURE @ RATE
11:04	1950	0	6	50	H2O	PRESSURE @ RATE
11:21	1700	0	4.8	90	H2O	PRESSURE @ RATE
11:25	700	0	2.4	10	H2O	SLOW PRESSURE @ RATE
11:28	1400	0	0	0	0	BUMP PLUG 1 TIME
12:00	0	0	0	0	0	1 TEST FLOAT @ HELD
11:32	1800	0	0	0	0	BUMP PLUG 2 TIME
11:37	0	0	0	0	0	TEST FLOAT 2 TIME @ HELD
11:45	0	0	0	0	0	TOLL HAND SET PACKER
11:54	2000	0	0	0	0	START BACK SIDE PRESSURE TEST 1 TIME PROBLEM WE PUMP NOT HOLDING PRESSURE
12:03	0	0	0	0	0	BLEAD OFF PRESSURE
12:17	2000	0	0	0	0	START BACK SIDE 2 TIME PROBLEM WE PUMP NOTHOLDING PRESSURE
12:25	0	0	0	0	0	BLEAD OFF PRESSURE
12:35	2000	0	0	0	0	PRESSURE BACK SIDE 1 MORE TIME AND WE INSULATE ARE PUMP ,RIG MONITOR PRESSURE
12:45	0	0	0	0	0	BLEAD OFF BACK SIDE PRESSURE TEST HELD
12:50	800	0	6	155	H2O	START ROLL HOLE
13:15	0	0	0	0	0	FINISH ROLL THE HOLE TOTAL PUMP 155 BbLS FRESH WATER

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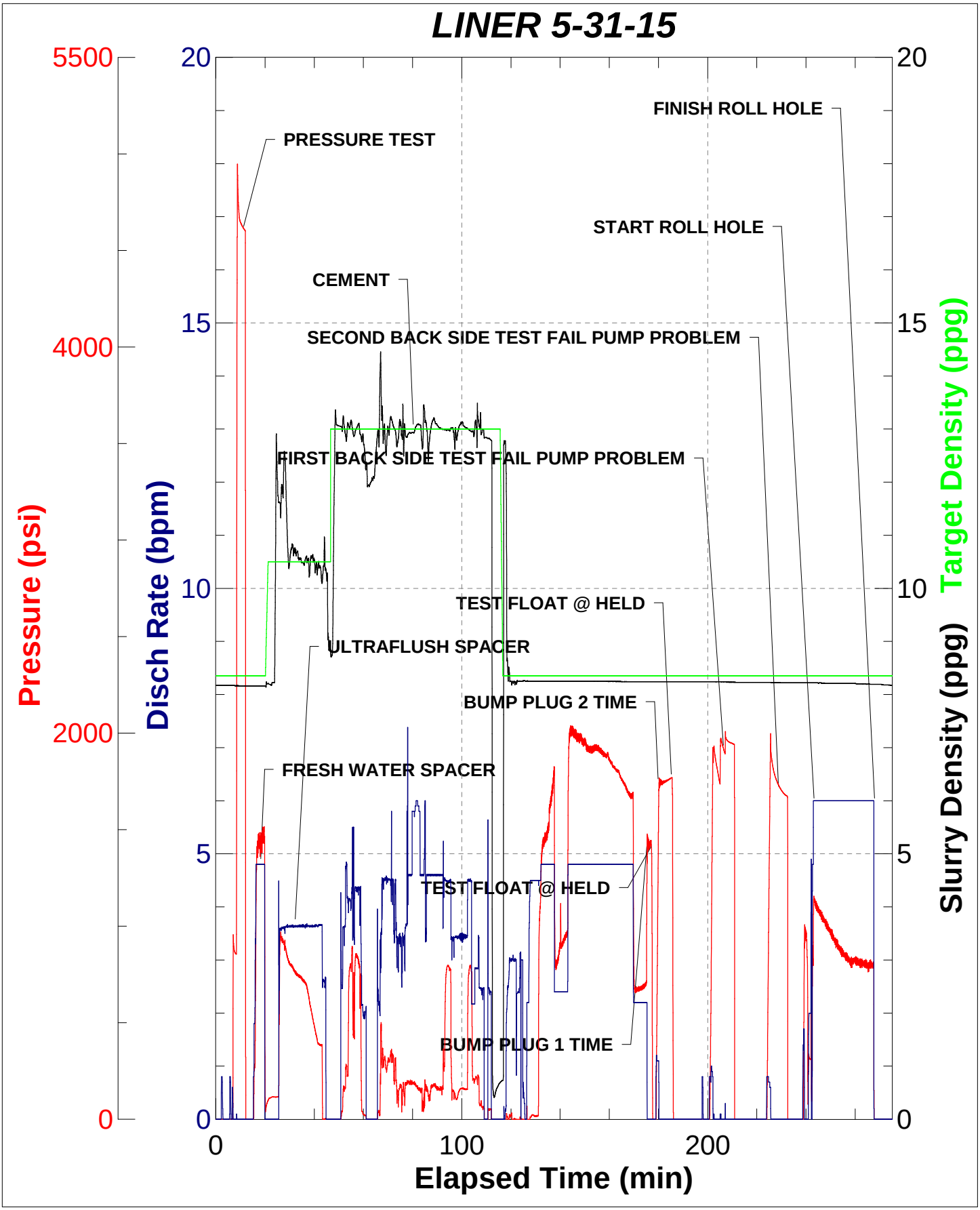
BAKER HUGHES

PRESSURE/RATE DETAIL						EXPLANATION
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW [X] CO. REP. [X]
	PIPE	ANNULUS				TEST LINES 5000 PSI
						CIRCULATING WELL - RIG [X] BJ [ ]
13:25	0	0	0	0	0	RIG DOWN MEETING
13:30	0	0	0	0	0	JOB DONE TURN OVER TO RIG
00:00	0	0	0	0	0	60 BbLS ULTRAFLUSH SPACER
00:00	0	0	0	0	0	20 BbLS CONTAMINATED CEMENT WE ULTRAFLUSH

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	1800	[Y] N	20	667	0	Y [N]	


LINER 5-31-15
Pressure (psi)
Disch Rate (bpm)
Target Density (ppg)
Slurry Density (ppg)
Elapsed Time (min)
5500
4000
2000
0
20
15
10
5
0
100
200
PRESSURE TEST
FINISH ROLL HOLE
START ROLL HOLE
CEMENT
SECOND BACK SIDE TEST FAIL PUMP PROBLEM
FIRST BACK SIDE TEST FAIL PUMP PROBLEM
TEST FLOAT @ HELD
ULTRAFLUSH SPACER
BUMP PLUG 2 TIME
FRESH WATER SPACER
TEST FLOAT @ HELD
BUMP PLUG 1 TIME