CEMENT JOB REPORT

CUSTOMER BAYSWATER EXPLORATION ,	**DATE** 31-MAR-15	**F.R. #** 10011146982	**SERV. SUPV.** JOHN R WUDARCZYK
LEASE & WELL NAME ARELLANO #R-10-9HC - API 05123411050000	**LOCATION** 10-5N-65W		**COUNTY-PARISH-BLOCK** Weld Colorado
DISTRICT Brighton	**DRILLING CONTRACTOR RIG #** FRONTIER 8		**TYPE OF JOB** Surface

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
Cement Plug, Rubber, Top 9-5/8 in	Float Shoe 9-5/8 - 8rd						
	Alum Baffle Plate, Slip On, 9-5/8						

MATERIALS FURNISHED BY BJ	LAB REPORT NO.	PHYSICAL SLURRY PROPERTIES: SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT_3	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
Fresh Water		0	8.34	0	0	00:00	20	
Type III Cement + Adds		250	14.5	1.40	6.80		62	40.19
Fresh Water		0	8.34	0	0	00:00	57.6	
						TOTAL	139.6	40.19

Available Mix Water 500 **Bbl.** **Available Displ. Fluid** 500 **Bbl.**

HOLE SIZE	HOLE % EXCESS	HOLE DEPTH	TBG-CSG-D.P. ID	OD	WGT.	TYPE	MD	TVD	GRADE	COLLAR DEPTHS SHOE	FLOAT	STAGE
12.25	30	800	8.921	9.625	36	CSG	790	790	J-55	790	746	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.
						NO PACKER	0			9.625	8RND	FRESH WATER	8.34

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
57.6	BBLS	Fresh Water	8.34	239	0	0	0	0	2816	1500	RIG

Circulation Prior to Job

Circulated Well: Rig [X] BJ [ ] | Circulation Time: 1 | Circulation Rate: 5 BPM

Mud Density In: 8.34 LBS/G | Mud Density Out: 8.34 LBS/GAL | PV & YP Mud In: 0 | PV & YP Mud Out: 0

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: .25 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: 8 | 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

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

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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

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE

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 4141 PSI
						CIRCULATING WELL - RIG [X] BJ [ ]
09:00	0	0	0	0	0	ARRIVE ON LOCATION (35 MILES) RIG RUNNING CASING
09:20	0	0	0	0	0	PRE RIG UP SAFETY MEETING
10:35	0	0	0	0	0	PRE JOB MEETING
11:03	24	0	2	2	H2O	LOAD LINES
11:05	4141	0	0	0	H2O	PRESSURE TEST PUMPS AND LINES
11:11	100	0	4.8	8	H2O	FRESH WATER
11:13	74	0	4.8	10	H2O	DYE WATER
11:18	150	0	4	59	CMT	BATCH UP AND PUMP CMT SLURRY @ 14.5#
11:42	0	0	0	0	H2O	DROP PLUG
11:43	300	0	4.8	40	H2O	START DISPLACEMENT
11:54	375	0	2.4	18	H2O	SLOW RATE
12:01	926	0	0	0	H2O	BUMP PLUG @ 58 BBLS
12:03	0	0	0	0	H2O	CHECK FLOATS / .25 BBL BACK
12:10	0	0	0	0	0	POST JOB 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	926	[Y] N	10	137	0	Y [N]	

Baker Hughes JobMaster Program Version 4.02

Job Number: 10011146982
Customer: BAYSWATER
Well Name: ARELLANO R-10-9CH

[A] Pressure 1 (psi)	[A] Target Density (ppg)	Avg.Density (ppg)	[A] Cem-Gate Actual (%)	[A] Falcon_ET (min)
-1	8.35	8.24	99.9	66.060
[A] Pressure 2 (psi)	**[A] Slurry Density (ppg)**	**[A] Disch Rate (bpm)**	**[A] Disch Stage (bbl)**	**[A] Disch Total (bbl)**
-2	8.23	0.0	59.2	139.3
[B] Pressure 1 (psi)	**[B] Target Density (ppg)**	**[B] Disch Rate (bpm)**	**[B] Disch Stage (bbl)**	**[B] Disch Total (bbl)**
0	0.00	0.0	0.0	0.0
[B] Pressure 2 (psi)	**[B] Slurry Density (ppg)**	**Comb.Rate (bpm)**	**Comb.Stage (bbl)**	**Comb.Total (bbl)**
0	0.00	0.0	59.2	139.3