

CEMENT JOB REPORT



CUSTOMER BAYSWATER EXPLORATION &				DATE 02-JUN-15		F.R. # 10011158621				SERV. SUPV. JASON L SJOBERG				
LEASE & WELL NAME ARELLANO #M-10-9HC - API 05123411070000				LOCATION 10-5N-65W				COUNTY-PARISH-BLOCK Weld Colorado						
DISTRICT Brighton				DRILLING CONTRACTOR RIG # FRONTIER 8				TYPE OF JOB Liner						
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE				MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD	
Dart For Plug Catcher, 4-1/2 In		Guide Shoe, Cement Nose, 4-1/2 i								Liner		6475		
		Float Collar, Auto Fill, 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							8.34					20		
UltraFlush Spacer							12	3.77	24.34			80	69.05	
(50:50) Class G:Poz + Adds				C06-001-15		640	14.5	1.44	6.19	09:02		164.13	94.31	
Fresh Water							8.34					171		
Cone water							8.4					175		
Available Mix Water 380 Bbl.				Available Displ. Fluid 380 Bbl.				TOTAL				610.13	163.36	
HOLE			TBG-CSG-D.P.							COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
6.125	15	14030	3.34	4	14	DP	3418	3418	S-135	14026	14016	1		
			2.563	4	29	DP	2750		S-135					
			3.34	4	14	DP	305		S-135					
			3.92	4.5	13.5	CSG	7551		P-110					
LAST CASING				PKR-CMT RET-BR PL-LINER				PERF. DEPTH		TOP CONN		WELL FLUID		
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
6.2	7	29	CSG	7376	6970	Liner		6475	0	0	2	1502	WATER BASED	8.34
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER			
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator				
171	BBLS	Fresh Water	8.34	960	0	0	0	0	9928	5000	Frac Tank			
		Cone water	8.4											
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 2				Circulation Rate: 4 BPM				
Mud Density In: 8.34 LBS/G						Mud Density Out: 8.34 LBS/GAL				PV & YP Mud In:				
										PV & YP Mud Out:				
Gas Present: NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> Units:						Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>								
Displacement And Mud Removal														
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>						Amount Bled Back After Job: .5 BBLS								
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL						Method Used to Verify Returns: Visual								
Cement Returns at Surface: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO						Were Returns Planned at Surface: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES								
Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROCATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE														
Centralizers: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES						Quantity:				Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID				
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> MANIFOLD <input checked="" type="checkbox"/> NO MANIFOLD														
Plugs														
Number of Attempts by BJ: 0						Competition: 0				Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES Quantity:				
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES										Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES										Top of Plug: 0 FT Bottom of Plug: 0 FT				
Squeezes (Update Original Treatment Report for Primary Job)														
BLOCK SQUEEZE <input type="checkbox"/>		SHOE SQUEEZE <input type="checkbox"/>		TOP OF LINER SQUEEZE <input type="checkbox"/>		PLANNED <input type="checkbox"/>		UNPLANNED <input type="checkbox"/>						
Liner Packer: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Bond Log: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		PSI Applied: 0		Fluid Weight: 0 LBS/GAL						
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None														

CEMENT JOB REPORT



Casing Test (Update Original Treatment Report for Primary Job)

Casing Test Pressure: 2444 PSI With 8.34 LBS/GAL Mud Time Held: 00 Hours 05 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)
 None

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
 Did not bump plug. Pumped 5 bbls over target for a wet shoe.

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

PRESSURE/RATE DETAIL

EXPLANATION

TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>		
	PIPE	ANNULUS				TEST LINES 6272 PSI		
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		
16:15	0	0	0	0	N/A	Yard call		
19:00	0	0	0	0	N/A	Leave yard		
19:50	0	0	0	0	N/A	Arrive on location		
20:10	0	0	0	0	N/A	Spot trucks/pre rig-up safety meeting		
21:30	0	0	0	0	N/A	Done rigging up. Waiting on rig to circulate gas out.		
22:30	0	0	0	0	N/A	Safety meeting		
23:06	6272	0	0	0	H2O	Pressure test pump and lines		
23:14	2167	0	4.8	20	H2O	Preflush fresh water		
23:22	1806	0	5	77	H2O	Preflush ultraflush II		
23:41	932	0	4.5	153	CMT	Batch, weigh, pump 640 sks 50:50 Poz G + .4% R-3 + .6% FL-52 + 20% Silica Flour + .2% BA-59 + .2% FL-66 + 3% Bentonite		
00:42	0	0	0	0	N/A	Washup		
00:59	225	0	4.9	10	H2O	Drop dart and displace sugar water		
01:03	1628	0	4.9	37	H2O	Displacement fresh water + .4 gal/1000 alpha 1427 + 1 gal/1000 gal claycare		
01:09	958	0	2.5	8	H2O	Drop Rate		
01:12	1210	0	2.5	0	H2O	Pick up wiper plug @ 55 bbls		
01:13	1236	0	2.5	8	H2O	Continue displacement		
01:16	2444	0	4.9	92	H2O	Increase rate		
01:34	1310	0	2.5	13	H2O	Drop rate		
01:40	0	0	0	0	N/A	Shut down @ 168 bbls away		
01:44	1260	0	2	5	H2O	Displace 5 bbls over target displacement		
01:50	934	0	0	0	N/A	Check floats		
01:53	0	0	0	0	N/A	Sting out and stomp packer		
02:05	200	0	3	5	H2O	Circulate through backside		
02:10	0	2444	0	0	H2O	Backside casing test		
02:16	0	2444	0	0	H2O	End backside test		
02:22	958	0	0	0	H2O	Pressure up drill pipe		
02:26	2192	0	7.2	175	H2O	Roll hole with cone water + .4 gal/1000 alpha 1427 + 1 gal/1000 gal claycare		
03:00	0	0	0	0	N/A	Post job safety meeting		

BUMPED PLUG Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	PSI TO BUMP PLUG 0	TEST FLOAT EQUIP. <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 25	TOTAL BBL. PUMPED 603	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	Service Supervisor Signature:
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