

CEMENT JOB REPORT



CUSTOMER BAYSWATER EXPLORATION &		DATE 30-APR-15	F.R. # 10011152800		SERV. SUPV. TIMADAMS								
LEASE & WELL NAME ARELLANO #L-10-9HN - API 05123411130000		LOCATION 10-5N-65W		COUNTY-PARISH-BLOCK Weld Colorado									
DISTRICT Brighton		DRILLING CONTRACTOR RIG # FRONTIER 8		TYPE OF JOB Intermediate									
SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS		MD	TVD	HANGER TYPES MD TVD							
7" Top Cem Plug, Nitrile cvr, Phen	Float Collar, Al Flap, 7 - 8rd	None		0	0	None 0 0							
	Float Shoe 7 - 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				
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		C04-077-15		450	12	2.42	13.59	07:22	193.9	145.76			
50:50 Class G/Poz + Addis		C04-077-15		225	14.4	1.22	5.37	03:57	48.8	28.64			
Fresh Water		N/A		0	8.34	0	0	00:00	267.7				
Available Mix Water 850 Bbl.		Available Displ. Fluid 615 Bbl.		TOTAL				570.4	174.40				
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
8.75	25	7268	6.184	7	29	CSG	7258	6837	P-110	7258	7208	0	
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.
8.9	9.63	36	CSG	790	790	No packer	0	0	0	7	BUTT	WATER BASED	10.2
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			
267.7	BBLS	Fresh Water	8.34	1464	0	0	0	0	8976	4500	Rig tank		
Circulation Prior to Job													
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 2			Circulation Rate: 7 BPM				
Mud Density In: 10.2 LBS/GAL Mud Density Out: 10.2 LBS/GAL						PV & YP Mud In: 12			PV & YP Mud Out: 12				
Gas Present: NO <input checked="" type="checkbox"/> YES <input 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: 1.5 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 type="checkbox"/> NO <input checked="" type="checkbox"/> YES						Quantity: 58			Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID				
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input checked="" type="checkbox"/> MANIFOLD <input 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							
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		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 6340 PSI									
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>									
19:00	0	0	0	0	NA	Yard call									
21:30	0	0	0	0	NA	Leave yard									
22:15	0	0	0	0	NA	Arrive on location (34 miles, rig ready)									
22:40	0	0	0	0	NA	Spot trucks									
22:50	0	0	0	0	NA	Rig up safety meeting									
00:10	0	0	0	0	NA	Pre-job safety meeting									
00:34	74	0	1	2	H2O	Load lines									
00:37	6340	0	0	0	H2O	Pressure test									
00:44	326	0	4.8	20	H2O	Fresh spacer									
00:48	337	0	4.8	20	H2O	Mud clean I spacer									
00:53	367	0	4.8	20	H2O	Fresh spacer									
00:59	0	0	0	0	CMT	Batch / weigh lead cement									
01:04	431	0	4.7	191	CMT	Pump lead cement (450sx, 12.0ppg)									
01:48	0	0	0	0	CMT	Batch / weigh tail cement									
01:52	259	0	3.4	45	CMT	Pump tail cement (225sx, 14.4ppg)									
02:09	0	0	0	0	NA	Shut down / drop plug / wash up									
02:18	98	0	6	50	H2O	Displacement									
02:29	73	0	7.2	50	H2O	Update									
02:36	602	0	6.8	50	H2O	Update									
02:42	1195	0	6.8	50	H2O	Update									
02:50	1214	0	6.8	20	H2O	Update									
02:53	905	0	0	0	NA	Shut down - rig switching valves									
02:56	1850	0	2.4	48	H2O	Continue displacement									
03:16	2307	0	0	0	H2O	Bump plug (268bbbls total)									
03:21	0	0	0	0	H2O	Check floats (1.5bbbls back)									
03:25	0	0	0	0	NA	Done									
BUMPED PLUG Y N		PSI TO BUMP PLUG 1850		TEST FLOAT EQUIP. Y N		BBL.CMT RETURNS/ REVERSED 17		TOTAL BBL. PUMPED 566		PSI LEFT ON CSG 0		SPOT TOP OUT CEMENT Y N		Service Supervisor Signature:	

