

CEMENT JOB REPORT



CUSTOMER BAYSWATER EXPLORATION &			DATE 20-APR-15		F.R. # 10011150960			SERV. SUPV. TRAVIS TOLMAN						
LEASE & WELL NAME ARELLANO #O-10-9HN - API 05123411100000			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		
Cement Plug, Rubber, Top 7 in		Float Collar, Auto Fill, 7 - 8rd												
		Float Shoe 7 - 8rd												
		Centralizer, with Pins, 7 in												
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						0	8.34	0	0		20			
MUD CLEAN I						0	8.5	0	0		20			
FRESH WATER						0	8.34	0	0		20			
PLHS + ADDITIVES						450	12	2.42	13.59		193.9	145.76		
50:50 Class G/Poz + Addds						225	14.4	1.22	5.37		48.8	28.64		
Fresh Water						0	8.34	0	0		268.8			
Available Mix Water 500 Bbl.			Available Displ. Fluid 320 Bbl.			TOTAL					571.5	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	7294	6.184	7	29	CSG	7283	6885	P-110	7283	7238	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	9.8
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				
268.8	BBLS	Fresh Water	8.34	1566	0	0	0	0	0	8976	4000	Rig tank		
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 2			Circulation Rate: 6.5 BPM					
Mud Density In: 9.8 LBS/GAL			Mud Density Out: 9.8 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: 59			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					

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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)
 Pump truck has a leak on tri-plex, lose all fluid in tri-plex. New truck coming out.

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
 Did not bump plug @ 271bbls pumped, checked float, held, pumped 1bbl more per company man did not bump, check float again, held. Company man said we were good to rig down.

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 <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	5112 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
14:57	0	0	0	0	N/A	Leave district	
15:45	0	0	0	0	N/A	Arrive on location, 35 miles, rig ready	
16:00	0	0	0	0	N/A	Spot truck	
16:15	0	0	0	0	N/A	Pre rig up safety meeting	
18:10	0	0	0	0	N/A	Pre job safety meeting	
18:34	124	0	1.5	2	H2O	Load lines	
18:37	5112	0	0	0	H2O	Pressure test pump & lines	
18:40	450	0	6.1	18	H2O	Fresh water spacer	
18:45	576	0	6.1	20	H2O	Mud clean I	
18:48	626	0	6.1	10	H2O	Dyed spacer	
18:54	626	0	6.1	10	H2O	Fresh water spacer	
19:00	826	0	6.1	181	CMT	Batch, weigh, pump lead @ 12# (450sks)	
19:48	400	0	3.7	54.2	CMT	Pump tail cement @ 14.4# (225sks)	
20:07	0	0	0	0	N/A	Down, drop plug	
20:12	1227	0	6.2	200	H2O	Displacement	
20:45	1578	0	4.8	30	H2O	Slow rate	
20:51	1954	0	2.5	41	H2O	Slow rate	
21:11	1628	0	0	0	H2O	Down, did not bump	
21:18	1678	0	0	0	H2O	Check float, (1.5bbls back)	
21:20	2305	0	2.5	2.5	H2O	Displace	
21:21	1678	0	0	0	N/A	Down	
21:23	1678	0	0	0	N/A	Check float, did not bump (1.5bbls back)	
21:28	0	0	0	0	N/A	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 <input type="checkbox"/> N <input checked="" type="checkbox"/>	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	22	567	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

