

CEMENT JOB REPORT



CUSTOMER BAYSWATER EXPLORATION &			DATE 21-FEB-15		F.R. # 10011140339			SERV. SUPV. Edgar Lozano Diaz						
LEASE & WELL NAME MATRIX #Q-29HN - API 05123406950000			LOCATION 29-6N-65W			COUNTY-PARISH-BLOCK Weld Colorado								
DISTRICT Brighton			DRILLING CONTRACTOR RIG #			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							12				40			
(50:50) Class G:Poz + Adds				C02-100-15		370	14.5	1.44	6.20	03:24	94.5	54.38		
Fresh Water							8.34				136.5			
ROLL THE HOLE FRESH WATER							8.34				200			
Available Mix Water <u>300</u> Bbl.				Available Displ. Fluid <u>300</u> Bbl.				TOTAL			<u>491</u>	<u>54.38</u>		
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
6.125		11762	4	4.5	11.6	CSG	4859	7007	P-110	11758	11743			
			3.34	4	14	DP	5060	7007	S-135					
			2.563	4	28	DP	1839	7007	S-135					
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.
6.3	7	26		7811	6965	TSP WT SET LINER		6939	0	0	4	8RD	WATER BASED	9.5
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			
136.5	BBLS	Fresh Water		8.34	1800	0	0	0	0	7000	6000	RIG TANK		
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 1			Circulation Rate: 4 BPM					
Mud Density In: 9.5 LBS/GAL			Mud Density Out: 9.5 LBS/GAL			PV & YP Mud In: 40			PV & YP Mud Out: 40					
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> Units:						Solids Present at End of Circulation: NO <input type="checkbox"/> YES <input checked="" type="checkbox"/>								
Displacement And Mud Removal														
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>						Amount Bled Back After Job: 1 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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO						Were Returns Planned at Surface: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES								
Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROCATION <input type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE														
Centralizers: <input type="checkbox"/> NO <input checked="" 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 type="checkbox"/> NO <input checked="" type="checkbox"/> YES Quantity: 0								
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					

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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)
 NA

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
 THE HAVE PROBLEM SETTING THE PACKER ,THEY DECIDE TO LAY DOWN THE HEAD AND USE @ SINGLE DP ,TO CHASE THE HANGER

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

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 <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	6000 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
08:00	0	0	0	0	0	LEAVE THE YARD	
08:55	0	0	0	0	0	ARRIVE TO LOCATION	
09:10	0	0	0	0	0	SPOT TRUCK	
09:20	0	0	0	0	0	RIG UP SAFETY MEETING	
12:25	0	0	0	0	0	SAFETY MEETING	
12:45	0	0	0	0	0	MAKE TOP CONNECTION	
12:54	450	0	1	2	H2O	LOAD LINE	
12:58	600	0	0	0	0	LOW PRESSURE TEST	
13:02	6000	0	0	0	0	PRESSURE TEST	
13:10	1000	0	3	20	H2O	FRESHWATER SPACER	
13:17	600	0	3	40	H2O	ULTRAFLUSH SPACER	
13:22	0	0	0	0	0	SHUT DOWN TO BACH CEMENT	
13:40	700	0	4.5	94	CMT	CLASS G CMT @ 14.5# 370 SACKS	
14:24	0	0	0	0	0	SHUT DOWN TOLL HAND DROP PLUG	
14:27	280	0	5	20	H2O	DISPLACEMENT PRESSURE @ RATE	
14:33	1400	0	5	20	H2O	DISPLACEMENT PRESSURE @ RATE	
14:36	600	0	2.5	15	H2O	SLOW PRESSURE @ RATE	
14:42	1100	0	2.5	11.5	H2O	CAUGHT WIPER PLUG @ TOLL	
14:47	1700	0	5	38.5	H2O	PRESSURE @ RATE	
14:52	1900	0	5	20	H2O	PRESSURE @ RATE	
14:56	1000	0	2.5	16.5	H2O	SLOW PRESSURE @ RATE	
14:59	1800	0	0	0	0	BUMP PLUG	
15:01	0	0	0	0	0	TEST FLOAT @ HELD	
15:07	0	0	0	0	0	PUMP WET SHOE 5 BbLS	
15:16	0	0	0	0	0	TOLL HAND TRY TO SET PACKER AND DONT WORK	
15:30	0	0	0	0	0	TOLL HAND DECIDE TO LAY DOWN THE HEAD AND USE @ SINGLEDP TO CHASE THE HANGER	
15:55	2950	0	0	0	0	1 BACK SIDE PRESSURE TEST CHECK VALVE LEAKS AND BACK SIDE BLEAD OFF BACK SIDE PRESSURE	
16:15	2970	0	0	0	0	2 TIME BACK SIDE PRESSURE TEST TO 2970 #	
16:20	0	0	0	0	0	BLEAD OFF BACK SIDE PRESSURE WE 2940# PSI LOSS 30# PSI AND 5 MIN	
16:25	1200	0	7	200	H2O	ROLL THE HOLE TOTAL 200 BbLS PUMP @ 7 BbLS	
16:55	0	0	0	0	0	SHUT DOWN JOB DONE TURN OVER TO RIG	
17:00	0	0	0	0	0	RIG DOWN MEETING	
00:00	0	0	0	0	0	TOP OF CEMENT @ 6923' CALCULATE	

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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 6000 PSI		
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		
00:00	0	0	0	0	0	40 BbLS ULTRAFLUSH BACK TO SURFACE		
00:00	0	0	0	0	0	10 BbLS CEMENT BACK TO SURFACE		
BUMPED PLUG		PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	<u>Service Supervisor Signature:</u>
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	1800	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	10	491	0	Y <input checked="" type="checkbox"/> N		

Pressure_1 (psi) 54	Target Density (ppg) 8.35	Slurry Density (ppg) 6.02	Falcon_ET (min) 212.980
Pressure_2 (psi) 54	Disch Rate (bpm) 0.4	Disch Stage (bbl) 0.1	Disch Total (bbl) 344.8
Pressure_3 (psi) -24	Mech.Rate 1 (bpm) 0.4	Mech.Rate 2 (bpm) 0.0	Mech.Rate 1+2 (bpm) 0.4

BAYSWATER LINER 2\21\15

