

CEMENT JOB REPORT



CUSTOMER BAYSWATER EXPLORATION ;				DATE 04-JUN-14		F.R. # 10011073297				SERV. SUPV. TRAVIS TOLMAN				
LEASE & WELL NAME Booth H-26H - API 05123360790000				LOCATION 26-7N-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		Centralizer, with Pins, 4-1/2 in				Liner Packer		6541	6541	Liner		6541	6541	
		Float Collar, Auto Fill, 4-1/2 - 8rd												
		Float Shoe 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				40	
(50:50) Class G:Poz + Adds								441	14.5	1.44	6.19	07:13	113.00	65.01
Fresh Water									8.34				148.5	
Drilling Mud									10				103	
Available Mix Water 500 Bbl.				Available Displ. Fluid 500 Bbl.				TOTAL				424.50	65.01	
HOLE			TBG-CSG-D.P.							COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
6.125	15	12414	3.92	4.5	13.5	CSG	12410	7217	N-80	12410	12400	1		
			3.34	4	14	DP	6541	6541	X-95					
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	CSG	7616	7217	liner packer	6541	0	0	2	1502	WATER BASED	10	
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				
150.7	BBLS	Fresh Water	8.34	997	0	0	0	0	7216	5000	tank			
		Drilling Mud	10											
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 2			Circulation Rate: 3 BPM					
Mud Density In: 10 LBS/GAL Mud Density Out: 10 LBS/GAL						PV & YP Mud In: 10			PV & YP Mud Out: 10					
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 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 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 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)
 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 <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>
	PIPE	ANNULUS				TEST LINES 7495 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
20:52	0	0	0	0	N/A	Leave District
21:58	0	0	0	0	N/A	Arrive location, 6/3/14 (46 miles) Rig still running drill pipe
22:20	0	0	0	0	N/A	Spot trucks
22:30	0	0	0	0	N/A	Pre rig up safety meeting
01:10	0	0	0	0	N/A	Pre job safety meeting
01:52	6022	0	0	0	H2O	Pressure test
02:07	1202	0	4.5	103	MUD	Pump ball down
02:26	1783	0	0	0	MUD	Seated balls
02:30	2297	0	0	0	MUD	Set hanger
02:34	3700	0	1	1	MUD	Blow ball seats
02:34	609	0	2.4	7	MUD	Establish Circulation
02:37	0	0	0	0	N/A	Shut down so connect cement head
03:31	7495	0	0	0	H2O	Pressure test pumps and lines
03:45	1489	0	4.8	20	H2O	Fresh water spacer
03:56	1488	0	5	40	BAR	Ultra flush weighted spacer @12 ppg
04:09	1139	0	5	114	CMT	Batch, weigh, and pump cement @14.5 ppg
04:45	0	0	0	0	N/A	Shut down to release dart and wash up
05:07	84	0	4	52	KCL	Displacement
05:23	286	0	1.5	5	KCL	Drop rate to pick up wiper plug
05:26	1683	0	1.5	0	KCL	Pick up wiper plug
05:27	1356	0	4	78	KCL	Finish displacement
05:49	996	0	1.1	9	KCL	Drop rate
05:57	1300	0	0	0	KCL	Bump plug
06:00	1992	0	0	0	KCL	Sheered plug
06:00	1742	0	5	5	KCL	Pump 5 bbls for a wet shoe
06:02	0	0	0	0	N/A	Check floats (Floats held)
06:06	703	0	0	0	KCL	Put pressure on drill pipe to sting out
06:22	0	0	1.2	2	KCL	Loaded backside
06:29	0	2558	0	0	KCL	Pressure test backside
06:38	0	0	0	0	N/A	Bleed off pressure (final pressure 2374)
06:46	719	0	0	0	KCL	Put pressure on drill pipe to finish stinging out
06:51	1378	0	6	170	KCL	Roll the 7" clean (about 39 bbls of weighted spacer to surface, no cement)
07:46	0	0	0	0	N/A	Shut down
07:47	0	0	0	0	N/A	Pre rig down safety meeting
09:15	0	0	0	0	N/A	Leave location
10:15	0	0	0	0	N/A	Arrive back at the yard

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	PIPE	ANNULUS				TEST LINES 7495 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
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:
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	996	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	606	0	Y <input checked="" type="checkbox"/> N	