

CEMENT JOB REPORT



CUSTOMER BAYSWATER EXPLORATION &		DATE 27-SEP-15	F.R. # 10011177535		SERV. SUPV. TIMADAMS								
LEASE & WELL NAME CARLSON #B-15-16HC - API 05123417100000		LOCATION 15-5N-65W		COUNTY-PARISH-BLOCK Weld Colorado									
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Frontier 8		TYPE OF JOB Long String									
SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD TVD							
BJ Cement Plug, Rubber, Top 4-1/2 i	Float Collar, Auto Fill, 4-1/2 - 8rd	None	0	0	None	0 0							
	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	N/A		0	8.34	0	0	00:00	40					
(50:50) Class G:Poz + Adds	C09-051-15		670	14.5	1.44	6.18	05:34	171.8	98.82				
Fresh Water + Alpha 1427 + ClayCare	N/A		0	8.34	0	0	00:00	221.30					
Ultraflush II	N/A		0	10.5	6.38	43.9	00:00	60	55.19				
Available Mix Water 800 Bbl.		Available Displ. Fluid 600 Bbl.	TOTAL		493.10		154.01						
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS							
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
6.125	18	14917	3.92	4.5	13.5	CSG	14916	6980	P-110	14916	14910	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.
6.2	7	29	CSG	7419	6980	No packer	0	0	0	4.5	BUTT	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			
222.5	BBLS	Fresh Water + Alpha 1	8.34	1119	0	0	0	0	9928	4000	Frac tank		
Circulation Prior to Job													
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 2			Circulation Rate: 5 BPM				
Mud Density In: 9.5 LBS/GAL Mud Density Out: 9.5 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 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 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 type="checkbox"/> NO <input checked="" type="checkbox"/> YES						Quantity: 15		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													
PRESSURE/RATE DETAIL						EXPLANATION							

CEMENT JOB REPORT



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 5170 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
15:00	0	0	0	0	NA	Yard call
18:00	0	0	0	0	NA	Leave yard
18:35	0	0	0	0	NA	Arrive on location (34 miles, rig pumping bottoms up)
18:45	0	0	0	0	NA	Spot equipment
18:55	0	0	0	0	NA	Rig up safety meeting
19:45	0	0	0	0	NA	Pre-job safety meeting
20:20	220	0	1	2	H2O	Load lines
20:24	5170	0	0	0	H2O	Pressure test
20:29	823	0	4.7	40	H2O	Fresh spacer
20:47	0	0	0	0	H2O	Batch up Ultraflush II spacer
20:50	900	0	4.7	60	H2O	Pump Ultraflush II spacer (7200# @ 10.5ppg)
21:09	0	0	0	0	CMT	Batch / weigh cement
21:14	565	0	4.6	172	CMT	Pump cement (670sx @ 14.5ppg)
22:05	0	0	0	0	NA	Shut down
22:11	0	0	0	20	H2O	Wash pump and lines / drop plug
22:26	128	0	6.4	50	H2O	Displacement (first 10 bbls with 50# sugar, all with Claycare and Alpha 1427)
22:35	1965	0	6.4	50	H2O	Update
22:44	1878	0	6.4	50	H2O	Update
22:52	1665	0	4.8	30	H2O	Update
22:58	951	0	3.6	42	H2O	Drop rate
23:09	1312	0	0	0	H2O	Bump plug (222 bbls total displacement)
23:12	0	0	0	0	NA	Check floats (1.5bbls back - floats held)
23:16	617	0	1.5	5	H2O	Open sleeve & pump wet shoe
23:20	617	0	0	0	NA	Shut down
23:23	0	0	0	0	NA	Bleed off
23:30	0	0	0	0	NA	Done

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	951	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	521	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

