

# CEMENT JOB REPORT



<b>CUSTOMER</b> BAYSWATER EXPLORATION &			<b>DATE</b> 12-SEP-15		<b>F.R. #</b> 10011175875			<b>SERV. SUPV.</b> Edgar Lozano Diaz						
<b>LEASE &amp; WELL NAME</b> CARLSON #H-15-16HC - API 05123417170000			<b>LOCATION</b> 15-5N-65W			<b>COUNTY-PARISH-BLOCK</b> Weld Colorado								
<b>DISTRICT</b> Brighton			<b>DRILLING CONTRACTOR RIG #</b> Froniter 8			<b>TYPE OF JOB</b> Long String								
<b>SIZE &amp; TYPE OF PLUGS</b>		<b>LIST-CSG-HARDWARE</b>			<b>MECHANICAL BARRIERS</b>			<b>MD</b>	<b>TVD</b>	<b>HANGER TYPES</b>		<b>MD</b>	<b>TVD</b>	
		Float Shoe 4-1/2 - 8rd												
		Float Collar, AI Flap, 4-1/2 - 8rd												
		Stop Collar, 4-1/2 in												
		Centralizer, with Fins, 4-1/2 in												
		Thread Locking Compound												
<b>MATERIALS FURNISHED BY BJ</b>				<b>LAB REPORT NO.</b>		<b>PHYSICAL SLURRY PROPERTIES</b>								
						<b>SACKS OF CEMENT</b>	<b>SLURRY WGT PPG</b>	<b>SLURRY YLD FT<sup>3</sup></b>	<b>WATER GPS</b>	<b>PUMP TIME HR:MIN</b>	<b>Bbl SLURRY</b>	<b>Bbl MIX WATER</b>		
Fresh Water							8.34				40			
(50:50) Class G:Poz + Adds				C09-025-15		670	14.5	1.44	6.18	04:08	171	98.36		
Fresh Water + Alpha 1427 + ClayCare							8.34				222			
Ultraflush II							10.5				60			
FRESH WATER PUMP WET SHOE							8.34				5			
<b>Available Mix Water</b> 400 <b>Bbl.</b>				<b>Available Displ. Fluid</b> 400 <b>Bbl.</b>				<b>TOTAL</b>		498		98.36		
<b>HOLE</b>			<b>TBG-CSG-D.P.</b>							<b>COLLAR DEPTHS</b>				
<b>SIZE</b>	<b>% EXCESS</b>	<b>DEPTH</b>	<b>ID</b>	<b>OD</b>	<b>WGT.</b>	<b>TYPE</b>	<b>MD</b>	<b>TVD</b>	<b>GRADE</b>	<b>SHOE</b>	<b>FLOAT</b>	<b>STAGE</b>		
6.125	18	14861	3.92	4.5	13.5	CSG	14857	6958	P-110	14857	14853			
<b>LAST CASING</b>				<b>PKR-CMT RET-BR PL-LINER</b>				<b>PERF. DEPTH</b>		<b>TOP CONN</b>		<b>WELL FLUID</b>		
<b>ID</b>	<b>OD</b>	<b>WGT</b>	<b>TYPE</b>	<b>MD</b>	<b>TVD</b>	<b>BRAND &amp; TYPE</b>		<b>DEPTH</b>	<b>TOP</b>	<b>BTM</b>	<b>SIZE</b>	<b>THREAD</b>	<b>TYPE</b>	<b>WGT.</b>
6.3	7	26		7417	6958	NO PACKER		0	0	0	4.5	4.5BTS	OIL BASED MU	9.8
<b>DISPL. VOLUME</b>		<b>DISPL. FLUID</b>		<b>CAL. PSI</b>	<b>CAL. MAX PSI</b>	<b>OP. MAX</b>	<b>MAX TBG PSI</b>		<b>MAX CSG PSI</b>		<b>MIX WATER</b>			
<b>VOLUME</b>	<b>UOM</b>	<b>TYPE</b>	<b>WGT.</b>	<b>BUMP PLUG</b>	<b>TO REV.</b>	<b>SQ. PSI</b>	<b>RATED</b>	<b>Operator</b>	<b>RATED</b>	<b>Operator</b>				
222	BBLS	Fresh Water + Alpha	8.34	1300	0	0	0	0	6000	5000	RIG TANK			
<b>Circulation Prior to Job</b>														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1.5				Circulation Rate: 4 BPM						
Mud Density In: 9.8 LBS/GAL				Mud Density Out: 9.8 LBS/GAL				PV & YP Mud In:			PV & YP Mud Out:			
Gas Present: NO <input type="checkbox"/> YES <input checked="" type="checkbox"/>				Units: 4525				Solids Present at End of Circulation:			NO <input type="checkbox"/> YES <input checked="" type="checkbox"/>			
<b>Displacement And Mud Removal</b>														
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>				Amount Bled Back After Job: .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"/> RECIPROICATION <input 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 type="checkbox"/> MANIFOLD <input checked="" type="checkbox"/> NO MANIFOLD														
<b>Plugs</b>														
Number of Attempts by BJ: Competition:				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: FT				Bottom of Plug: FT						
<b>Squeezes (Update Original Treatment Report for Primary Job)</b>														
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:		Fluid Weight: LBS/GAL				
<b>EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:</b>														

# CEMENT JOB REPORT



## Casing Test (Update Original Treatment Report for Primary Job)

Casing Test Pressure:      PSI      With      LBS/GAL      Mud      Time Held:      Hours      Minutes

## Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe:      FT      Target EMW:      LBS/GAL      Actual EMW:      LBS/GAL  
 Number of Times Tests Conducted:      Mud Weight When Test was Conducted:      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)  
 NA

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

### 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	5200 PSI	CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
03:45	0	0	0	0	0			LEAVE THE YARD
04:25	0	0	0	0	0			ARRIVE TO LOCATIN
04:35	0	0	0	0	0			SPOT TRUCK
04:50	0	0	0	0	0			RIG UP SAFETY MEETING
06:30	217	0	1	2	H2O			LOAD LINE
06:31	2600							LOW PRESSURE TEST
06:33	5200							PRESSURE TEST
06:37	1000	0	5	40	H2O			FRESH WATER SPACER
06:50	800	0	4	60	H2O			ULTRA FLUSH SPACER
07:18	400	0	4.5	171	CMT			670 SACKS CEMENT @ 14.5#
08:20	0	0	0	0	0			DROP TOP PLUG
08:24	120		5	20	H2O			DISPLACEMENT PRESSURE @ RATE
08:38	2400		7	80	H2O			DISPLACEMENT PRESSURE @ RATE
08:55	1100		5.5	100	H2O			DISPLACEMENT PRESSURE @ RATE
09:05	630		2.5	22	H2O			SLOW PRESSURE @ RATE
09:10	1300	0	0	0	0			BUMP PLUG
09:13	450	0	0	0	0			TEST FLOAT @ HELD
09:15	2319	0	0	0	H2O			PUMP WET SHOE
09:17	750	0	2.5	5	H2O			PUMP 5 BBLs FRESH WATER
09:20	435	0	0	0	0			TEST FLOAT @ HELD
09:30	0	0	0	0	0			JOB DONE TURN OVER TO RIG
09:35	0	0	0	0	0			RIG DOWN MEETING
00:00	0	0	0	0	0			19 BBLs FRESH WATER 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	Service Supervisor Signature:
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	1300	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	500	0	Y <input checked="" type="checkbox"/> N	



# C156 BAYSWATER

