

# CEMENT JOB REPORT



<b>CUSTOMER</b> BAYSWATER EXPLORATION &			<b>DATE</b> 20-JUL-15		<b>F.R. #</b> 10011166857		<b>SERV. SUPV.</b> JASON L SJOBERG							
<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> FRONTIER 8			<b>TYPE OF JOB</b> Intermediate								
<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>		
Cement Plug, Rubber, Top 7 in		Guide Shoe, Cement Nose, 7 in												
		Float Collar, Auto Fill, 7 - 8rd												
		Centralizer, with Pins, 7 in												
<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				20		
MUD CLEAN I								8.5				20		
FRESH WATER + Dye								8.34				20		
PLHS + ADDITIVES				425		12		2.42		13.59		183.17 137.68		
50:50 Class G/Poz + Addds				225		14.4		1.22		5.36		48.89 28.67		
Fresh Water								8.34				273		
<b>Available Mix Water</b> 300 Bbl.				<b>Available Displ. Fluid</b> 300 Bbl.				<b>TOTAL</b>		565.06		166.35		
<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>		
8.75	25	7417	6.184	7	29	CSG	7394		P-110	7394	7348	1		
<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>
8.9	9.63	36	CSG	839	839	No Packer		0	0	0	7	BUTT	WATER BASED	10.3
<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>			
273	BBLS	Fresh Water		8.34	1515	0	0	0	0	8976	3000	Frac tank		
<b>Circulation Prior to Job</b>														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1				Circulation Rate: 4 BPM						
Mud Density In: 10.3 LBS/G				Mud Density Out: 10.3 LBS/GAL				PV & YP Mud In:			PV & YP Mud Out:			
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"/>						
<b>Displacement And Mud Removal</b>														
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>				Amount Bled Back After Job: 2 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 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														
<b>Plugs</b>														
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						
<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: 0		Fluid Weight: 0 LBS/GAL				
<b>Casing Test (Update Original Treatment Report for Primary Job)</b>														
Casing Test Pressure: 0 PSI				With 0 LBS/GAL Mud				Time Held: 00 Hours 00 Minutes						

# 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

**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 4150 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
15:30	0	0	0	0	N/A	Yard call	
19:00	0	0	0	0	N/A	Leave yard	
21:45	0	0	0	0	N/A	Arrive on location	
22:00	0	0	0	0	N/A	OL time, rig running casing	
23:15	0	0	0	0	N/A	Spot trucks/pre rig-up safety meeting	
00:10	0	0	0	0	N/A	Done rigging up, waiting on rig to finish circulating	
00:50	0	0	0	0	N/A	Safety meeting	
01:07	4150	0	0	0	H2O	Pressure test pump and lines	
01:12	602	0	6.4	20	H2O	Preflush fresh water	
01:26	523	0	5.6	20	H2O	Preflush mud clean I	
01:30	0	0	0	0	N/A	Problem with H2O feed, solids in rig hoses	
01:45	611	0	5.6	20	H2O	Problem hose replaced, Preflush dye water	
01:50	840	0	6.4	178	CMT	Batch, weigh, pump 425 sks 12# PLHS + .05% R-3 + .2% FL-63 + .25 lbs/sack Cello Flake + .7% FL-52 + .2% ASA-301 + .15% SMS	
02:40	268	0	3.9	48	CMT	Pump 225 sks 14.4# 50:50 Poz Class G + .2% FL-63 + .3% CD-32 + .6% FL-52 + .3% SMS + 2% Bentonite	
02:58	0	0	0	0	N/A	Drop plug	
03:02	1296	0	6.5	200	H2O	Displacement	
03:35	1564	0	5	40	H2O	Drop rate	
03:43	1747	0	3.7	33	H2O	Drop rate	
03:51	1826	0	3.7	273	H2O	Bump plug	
03:55	2194	0	0	0	N/A	Check floats	
03:57	0	0	0	0	N/A	Post job 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:
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	1826	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	559	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

