

# CEMENT JOB REPORT



<b>CUSTOMER</b> BAYSWATER EXPLORATION &			<b>DATE</b> 28-JAN-15		<b>F.R. #</b> 10011134577			<b>SERV. SUPV.</b> TRAVIS TOLMAN					
<b>LEASE &amp; WELL NAME</b> MATRIX #N-29HC - API 05123407940000			<b>LOCATION</b> 29-6N-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		Float Collar, Auto Fill, 7 - 8rd											
		Float Shoe 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						0	8.34	0	0		20		
MUD CLEAN I						0	8.5	0	0		20		
PLHS + ADDITIVES				C01-109-15		450	12	2.42	13.60	02:58	193.9	145.79	
50:50 Class G/Poz + Adds				C01-109-15		225	14.4	1.22	5.37	02:39	48.8	28.64	
Fresh Water						0	8.34	0	0		293.2		
<b>Available Mix Water</b> 500 Bbl.				<b>Available Displ. Fluid</b> 500 Bbl.				<b>TOTAL</b>		575.9		174.42	
<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	20	7749	6.276	7	26	CSG	7711	7711	P-110	7711	7666	0	
<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	748	748	No packer	0	0	0	7	BUTT	WATER BASED	10.1
<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>		
293.2	BBLS	Fresh Water		8.34	1668	0	0	0	0	7968	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: 6 BPM					
Mud Density In: 10.1 LBS/G				Mud Density Out: 10.1 LBS/GAL				PV & YP Mud In: 11		PV & YP Mud Out: 11			
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: 2.5 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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO				Were Returns Planned at Surface: <input type="checkbox"/> NO <input checked="" 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: 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					
<b>EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None</b>													

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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

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	5159 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
04:35	0	0	0	0	N/A	Leave district	
05:25	0	0	0	0	N/A	Arrive on location, 35 miles, rig running casing	
08:25	0	0	0	0	N/A	Spot trucks	
08:35	0	0	0	0	N/A	Pre rig up safety meeting	
09:05	0	0	0	0	N/A	Pre job safety meeting	
09:35	203	0	1.1	2	H2O	Load lines	
09:39	5159	0	0	0	H2O	Pressuere test pump & lines	
09:47	483	0	4.7	20	H2O	Fresh water spacer	
09:54	661	0	6	20	H2O	Mud Clean I spacer	
10:06	960	0	7.2	181	CMT	Batch, weigh, pump lead cement @ 12# ( 450sks )	
10:41	457	0	4.9	48.1	CMT	Pump tail cement @ 14.4# ( 225sks )	
10:56	0	0	0	0	N/A	Down, drop plug	
11:05	1245	0	7.2	190	H2O	Displacement	
11:35	1169	0	6	20	H2O	Slow rate	
11:39	1710	0	5.5	40	H2O	Slow rate	
11:46	1933	0	3	42	H2O	Slow rate	
11:58	2491	0	0	0	N/A	Bump plug	
12:03	2541	0	0	0	N/A	Check float	
12:10	0	0	0	0	N/A	Rig down safety meeting	
<b>BUMPED PLUG</b> <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<b>PSI TO BUMP PLUG</b> 1933	<b>TEST FLOAT EQUIP.</b> <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<b>BBL.CMT RETURNS/ REVERSED</b> 20	<b>TOTAL BBL. PUMPED</b> 564	<b>PSI LEFT ON CSG</b> 0	<b>SPOT TOP OUT CEMENT</b> Y <input type="checkbox"/> N	<b>Service Supervisor Signature:</b>  

