

# CEMENT JOB REPORT



<b>CUSTOMER</b> BAYSWATER EXPLORATION &			<b>DATE</b> 16-DEC-15		<b>F.R. #</b> 1001188168			<b>SERV. SUPV.</b> ERIC S DEWIT						
<b>LEASE &amp; WELL NAME</b> HESTER FARMS #-1-36HN - API 05123419990000			<b>LOCATION</b> 31-7N-66W			<b>COUNTY-PARISH-BLOCK</b> Weld Colorado								
<b>DISTRICT</b> Brighton			<b>DRILLING CONTRACTOR RIG #</b> Frontier 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>		
Cement Plug, Rubber, Bottom 5-1/2		Centralizer, with Pins, 5-1/2 in												
		Float Collar, Auto Fill, 5-1/2 - Butt												
		Float Shoe 5-1/2 - Butt												
<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	00:00	20			
50:50 Class G/Poz + Adds			C12-030-15			984	13.8	1.75	8.01	05:03	306.68	187.96		
Fresh Water + Alpha 1427 + Claycare						0	8.34	0	0	00:00	277.57			
UltraFlush II						0	11	5.18	34.93	00:00	60	54.09		
LEAD PLHS RM + Adds			C12-030-15			820	12	2.43	13.64	05:21	354.88	266.84		
<b>Available Mix Water</b> 500 Bbl.			<b>Available Displ. Fluid</b> 300 Bbl.			<b>TOTAL</b>					1019.13	508.89		
<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	11969	4.892	5.5	17	CSG	11952	7170	P-110	11952	11940			
<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	1552	1552	No Packer		0	0	0	5.5	BUTT	WATER BASED	9.9
<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>			
277.6	BBLS	Fresh Water + Alpha		8.34	1554	0	0	0	0	8512	5000	Frac Tank		
<b>Circulation Prior to Job</b>														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time: 2			Circulation Rate: 6 BPM								
Mud Density In: 9.7 LBS/GAL			Mud Density Out: 9.7 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 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"/> 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: 142			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>														

# 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	6198 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
17:10	0	0	0	0	N/A	Leave yard	
18:30	0	0	0	0	N/A	Arrive on location (45 miles) casing crew rigging down, rig circulating	
18:43	0	0	0	0	N/A	Spot trucks	
18:50	0	0	0	0	N/A	Pre rig up safety meeting	
21:10	0	0	0	0	N/A	Pre job safety meeting	
21:45	0	0	0	0	N/A	Rig up head and manifold	
22:18	34	0	1	2	H2O	Load pumps and lines	
22:21	6198	0	0	0	H2O	Pressure test pumps and lines	
22:25	442	0	5.5	20	H2O	Fresh water spacer	
22:45	450	0	5	58	BAR	Batch, and pump weighted spacer @11 ppg	
23:04	527	0	7	340	CMT	Batch, weigh, and pump 820 sacks of PLHS Cement + Adds	
00:01	621	0	6	299	CMT	Batch, and pump 984 sacks of (50:50):Poz (Fly Ash) Class G Cement + Adds	
01:08	0	0	0	0	N/A	Shut down wash up pumps and lines, and release the plug	
01:31	272	0	7.2	0	H2O	Start displacement, fist 10 bbls sugar water	
01:57	1338	0	0	183	H2O	Shut down so rig can swap return line to catch tanks	
02:07	1944	0	5	183	H2O	Start pumping again	
02:23	1805	0	3	260	H2O	Drop rate	
02:28	2422	0	0	276	H2O	Bump the plug (31 bbls of cement to surface)	
02:30	0	0	0	0	H2O	Check floats (floats held)	
02:35	0	0	0	0	N/A	Pre rig down safety meeting	
	0	0	0	0	N/A	Leave location	
	0	0	0	0	N/A	Arrive back at the yard	

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:
Y <input checked="" type="checkbox"/> N	1844	<input checked="" type="checkbox"/> Y N	31	955	0	Y <input checked="" type="checkbox"/> N	

