

# CEMENT JOB REPORT



<b>CUSTOMER</b> WHITING OIL & GAS CORP XM		<b>DATE</b> 17-MAR-16	<b>F.R. #</b> 10011195221	<b>SERV. SUPV.</b> Anthony J Staples	
<b>LEASE &amp; WELL NAME</b> HORSETAIL #07F-1807 - API 05123417820000		<b>LOCATION</b> 7-10N-57W		<b>COUNTY-PARISH-BLOCK</b> Weld Colorado	
<b>DISTRICT</b> Brighton		<b>DRILLING CONTRACTOR RIG #</b> UNIT 406		<b>TYPE OF JOB</b> Surface	
<b>SIZE &amp; TYPE OF PLUGS</b>		<b>LIST-CSG-HARDWARE</b>		<b>MECHANICAL BARRIERS</b>	
9-5/8" Top Cem Plug, Nitrile cvr, Phe		Float Shoe 9-5/8 - 8rd			
		Float Collar, Auto Fill, 9-5/8 - 8rd			
		Centralizer, with Pins, 9-5/8 in			
<b>PHYSICAL SLURRY PROPERTIES</b>					
<b>MATERIALS FURNISHED BY BJ</b>		<b>LAB REPORT NO.</b>	<b>SACKS OF CEMENT</b>	<b>SLURRY WGT PPG</b>	<b>SLURRY YLD FT<sup>3</sup></b>
Fresh Water			0	8.34	0
Type III Cement + Adds			876	14.5	1.39
Fresh Water			0	8.34	0
<b>Available Mix Water</b> 200 <b>Bbl.</b>		<b>Available Displ. Fluid</b> 200 <b>Bbl.</b>		<b>TOTAL</b>	
				389.82	
				141.50	
<b>HOLE TBG-CSG-D.P.</b>					
<b>SIZE</b>	<b>% EXCESS</b>	<b>DEPTH</b>	<b>ID</b>	<b>OD</b>	<b>WGT.</b>
13.5	25	2027	8.921	9.625	36 CSG
			<b>MD</b>	<b>TVD</b>	<b>GRADE</b>
			2015	2015	2015
			<b>SHOE</b>	<b>FLOAT</b>	<b>STAGE</b>
			2015	1970	1
<b>LAST CASING</b>					
<b>ID</b>	<b>OD</b>	<b>WGT</b>	<b>TYPE</b>	<b>MD</b>	<b>TVD</b>
15	16	65		80	80
<b>PKR-CMT RET-BR PL-LINER</b>					
<b>BRAND &amp; TYPE</b>			<b>DEPTH</b>	<b>TOP</b>	<b>BTM</b>
No Packer				0	0
<b>PERF. DEPTH</b>					
9.625					
<b>TOP CONN</b>					
8RND					
<b>WELL FLUID</b>					
WATER BASED					
<b>WGT.</b>					
9					
<b>DISPL. VOLUME</b>					
<b>VOLUME</b>	<b>UOM</b>	<b>TYPE</b>	<b>WGT.</b>	<b>BUMP PLUG</b>	<b>CAL. MAX PSI</b>
152.3	BBLS	Fresh Water	8.34	630	0
				<b>TO REV.</b>	<b>OP. MAX</b>
				0	0
				<b>SQ. PSI</b>	<b>RATED</b>
				0	0
				<b>Operator</b>	<b>Operator</b>
				2816	2000
				<b>MAX CSG PSI</b>	<b>MIX WATER</b>
					Frac Tank
<b>Circulation Prior to Job</b>					
<b>Circulated Well:</b> Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			<b>Circulation Time:</b> 1		
<b>Mud Density In:</b> 9 LBS/GAL			<b>Circulation Rate:</b> 9 BPM		
<b>Mud Density Out:</b> 9 LBS/GAL			<b>PV &amp; YP Mud In:</b>		
<b>Gas Present:</b> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>			<b>PV &amp; YP Mud Out:</b>		
<b>Units:</b>			<b>Solids Present at End of Circulation:</b>		
			NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>		
<b>Displacement And Mud Removal</b>					
<b>Displaced By:</b> Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>			<b>Amount Bled Back After Job:</b> 1 BBLS		
<b>Returns During Job:</b> <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL			<b>Method Used to Verify Returns:</b> Visual		
<b>Cement Returns at Surface:</b> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			<b>Were Returns Planned at Surface:</b> <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES		
<b>Pipe Movement:</b> <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROCATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE					
<b>Centralizers:</b> <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES			<b>Quantity:</b> 17		
<b>Job Pumped Through:</b> <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input checked="" type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD			<b>Type:</b> <input type="checkbox"/> BOW <input type="checkbox"/> RIGID		
<b>Plugs</b>					
<b>Number of Attempts by BJ:</b> 0			<b>Competition:</b>		
<b>Plug Catcher Used:</b> <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			<b>Wiper Balls Used:</b> <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		
<b>Was There a Bottom:</b> <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			<b>Parabow Used:</b> <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		
			<b>Top of Plug:</b> 0 FT		
			<b>Bottom of Plug:</b> 0 FT		
<b>Squeezes (Update Original Treatment Report for Primary Job)</b>					
<b>BLOCK SQUEEZE</b> <input type="checkbox"/>		<b>SHOE SQUEEZE</b> <input type="checkbox"/>		<b>TOP OF LINER SQUEEZE</b> <input type="checkbox"/>	
<b>Liner Packer:</b> <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		<b>Bond Log:</b> <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		<b>PSI Applied:</b> 0	
				<b>Fluid Weight:</b> 0 LBS/GAL	
<b>Casing Test (Update Original Treatment Report for Primary Job)</b>					
<b>Casing Test Pressure:</b> 1539 PSI			<b>With:</b> 8.34 LBS/GAL		
<b>Mud:</b>			<b>Time Held:</b> 00 Hours 30 Minutes		
<b>EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:</b> None					
<b>PRESSURE/RATE DETAIL</b>					
<b>EXPLANATION</b>					



# CEMENT JOB REPORT



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

Depth Drilled out of Shoe: 0 FT  
 Number of Times Tests Conducted: 0  
 Target EMW: 0 LBS/GAL  
 Actual EMW: 0 LBS/GAL  
 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	4015 PSI	CIRCULATING WELL - RIG	BJ
05:30	0	0	0	0	N/A	Leave Yard			
07:33	0	0	0	0	N/A	Arrive on Location...Rig Running Casing			
07:39	0	0	0	0	N/A	Spot Equipment			
07:47	0	0	0	0	N/A	Pre-Rig Up Safety Meeting			
11:10	0	0	0	0	N/A	Pre-Job Safety Meeting			
11:25	37	0	1.5	2	H2O	Load Lines			
11:27	4015	0	0	0	H2O	Pressure Test			
11:30	220	0	4.8	20	H2O	Fresh Water Spacer			
11:37	452	0	5.5	218	CMT	Batch, Weigh, and Pump 876 sks, 14.5# Type III Cement + .08 lbs/sk Static Free + .25% CaCl + .25 lbs/sk Cello Flake			
12:33	0	0	0	0	H2O	Shut Down/Wash Up			
12:38	0	0	0	0	H2O	Drop Plug			
12:38	866	0	6.3	120	H2O	Displace			
13:00	914	0	5.1	24	H2O	Rate Change			
13:03	902	0	2.8	9	H2O	Rate Change			
13:07	1539	0	0	0	H2O	Bump Plug @ 153Bbls, 70Bbls CMT to Surface			
13:07	1539	0	0	0	H2O	Start Casing Test			
13:37	1559	0	0	0	H2O	Check Floats, 1Bbl back			
13:40	0	0	0	0	N/A	Pre-Rig Down 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	1539	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	70	395	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



Baker Hughes JobMaster Program Version 4.02  
Job Number: 10011195221  
Customer: Whiting  
Well Name: Horsetail 07F-1807

