

# CEMENT JOB REPORT



CUSTOMER WHITING OIL & GAS CORP XM		DATE 15-FEB-16	F.R. # 10011192947	SERV. SUPV. TRAVIS TOLMAN											
LEASE & WELL NAME HORSETAIL FED #07F-0640 - API 05123417730000		LOCATION 7-10N-57W		COUNTY-PARISH-BLOCK Weld Colorado											
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Unit 406		TYPE OF JOB Surface											
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD	HANGER TYPES	MD	TVD					
9-5/8" Top Cem Plug, Nitrile cvr, Phe		Float Collar, Auto Fill, 9-5/8 - 8rd													
		Guide Shoe, Cement Nose, 9-5/8 i													
		Cement Basket, Slip On, 9-5/8 in													
		Centralizer, with Pins, 9-5/8 in													
MATERIALS FURNISHED BY BJ				PHYSICAL SLURRY PROPERTIES											
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sup>3</sup>	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER					
Fresh Water				0	8.34	0	0		20						
Type III Cement + Adds				874	14.5	1.40	6.79	02:18	217.42	141.27					
Fresh Water				0	8.34	0	0		147.66						
Available Mix Water		500	Bbl.	Available Displ. Fluid		330	Bbl.	TOTAL		385.08   141.27					
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS						
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE			
13.5	25	1990	8.921	9.625	36	CSG	1977	1977	J-55	1977	1932	0			
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH			TOP CONN		WELL FLUID				
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.		
16.	16	42.1	CSG	90	90	No Packer	0	0	0	9.625	8RND	WATER BASED	9.2		
DISPL. VOLUME		DISPL. FLUID		CAL. PSI		CAL. MAX PSI		OP. MAX		MAX TBG PSI		MAX CSG PSI		MIX WATER	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator					
149.3	BBLS	Fresh Water	8.34	618	0	0	0	0	2816	1500	Tank				
Circulation Prior to Job															
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: .5				Circulation Rate: 8 BPM							
Mud Density In: 9.2 LBS/GAL				Mud Density Out: 9.2 LBS/GAL				PV & YP Mud In: 0				PV & YP Mud Out: 0			
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"/>							
Displacement And Mud Removal															
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>				Amount Bled Back After Job: 1 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: 17				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															
Plugs															
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							
Squeezes (Update Original Treatment Report for Primary Job)															
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			
Casing Test (Update Original Treatment Report for Primary Job)															
Casing Test Pressure: 0 PSI				With 0 LBS/GAL Mud				Time Held: 00 Hours 00 Minutes							
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None															

# 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		CO. REP.		
	PIPE	ANNULUS				X		X		
						TEST LINES 4239 PSI				
						CIRCULATING WELL - RIG		X	BJ	
11:02	0	0	0	0	N/A	Leave district				
13:25	0	0	0	0	N/A	Arrive on location, 120 miles, waiting on RTS				
23:30	0	0	0	0	N/A	Spot trucks				
23:40	0	0	0	0	N/A	Rig up safety meeting				
03:45	0	0	0	0	N/A	Pre job safety meeting				
04:11	205	0	1.6	2	H2O	Load lines				
04:14	4239	0	0	0	H2O	Pressure test pump & lines				
04:22	341	0	4.8	8	H2O	Dyed water spacer				
04:25	380	0	4.8	10	H2O	Fresh water spacer				
04:29	404	0	4.8	218	CMT	Batch, weigh, pump CMT @ 14.5# ( 874skts )				
05:37	0	0	0	0	N/A	Down, drop plug				
05:42	1144	0	7.2	100	H2O	Displacement				
05:58	1155	0	6	40	H2O	Slow rate				
06:04	977	0	3	9.5	H2O	Slow rate				
06:08	1474	0	0	0	H2O	Bump plug 149.5bbbls ( 67.5bbbls CMT @ surface )				
06:12	1431	0	0	0	H2O	Check float ( 1bbl back )				
06:15	0	0	0	0	N/A	Rig down safety meeting				
<b>BUMPED PLUG</b>	<b>PSI TO BUMP PLUG</b>	<b>TEST FLOAT EQUIP.</b>	<b>BBL.CMT RETURNS/ REVERSED</b>	<b>TOTAL BBL. PUMPED</b>	<b>PSI LEFT ON CSG</b>	<b>SPOT TOP OUT CEMENT</b>				<b>Service Supervisor Signature:</b>
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	977	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	67.5	388	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N				



Baker Hughes JobMaster Program Version 4.02  
Job Number: 10011192947  
Customer: Whiting  
Well Name: Horsetail 07F-0640

### C938 Surface

