

# CEMENT JOB REPORT



<b>CUSTOMER</b> WHITING OIL & GAS CORP XV		<b>DATE</b> 21-MAY-16	<b>F.R. #</b> 10011198604	<b>SERV. SUPV.</b> FELIPE LANDA				
<b>LEASE &amp; WELL NAME</b> HORSETAIL #07H-1847 - API 05123418300000		<b>LOCATION</b>		<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, Phr		Cement Basket, Slip On, 9-5/8 in		<b>MD</b>	<b>TVD</b>			
		Float Collar, Ball Valve, 9-5/8 - 8rd						
		Float Shoe 9-5/8 - 8rd						
		Centralizer, with Pins, 9-5/8 in						
<b>MATERIALS FURNISHED BY BJ</b>		<b>LAB REPORT NO.</b>		<b>PHYSICAL SLURRY PROPERTIES</b>				
Fresh Water				<b>SACKS OF CEMENT</b>	<b>SLURRY WGT PPG</b>			
Type III Cement + Adds					<b>SLURRY YLD FT<sup>3</sup></b>			
Fresh Water					<b>WATER GPS</b>			
Available Mix Water <u>300</u> Bbl.		Available Displ. Fluid <u>300</u> Bbl.		<b>PUMP TIME HR:MIN</b>	<b>Bbl SLURRY</b>			
					<b>Bbl MIX WATER</b>			
				<b>TOTAL</b>	<b>TOTAL</b>			
					396.89 144.18			
<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>	
13.5	15	2060	8.921	9.625	36	CSG	2049	
							<b>TVD</b>	
							2049	
							<b>GRADE</b>	
							2049	
							<b>SHOE</b>	
							2005	
							<b>FLOAT</b>	
							0	
							<b>STAGE</b>	
							0	
<b>LAST CASING</b>		<b>PKR-CMT RET-BR PL-LINER</b>			<b>PERF. DEPTH</b>		<b>TOP CONN</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>	
19.	20	90		80	80	NO PACKER	0	
							<b>TOP</b>	
							0	
							<b>BTM</b>	
							0	
							<b>SIZE</b>	
							9.625	
							<b>THREAD</b>	
							8RD	
							<b>WATER BASED</b>	
							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>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>	
155	BBLS	Fresh Water	8.34	640	0	0	0	
							<b>Operator</b>	
							0	
							<b>MAX CSG PSI</b>	
							3520	
							<b>Operator</b>	
							2816	
							<b>MIX WATER</b>	
							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 LBS/GAL Mud Density Out: 9 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: 1 BBLS				
Returns During Job: <input type="checkbox"/> NONE <input checked="" type="checkbox"/> PARTIAL <input 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 type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE								
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 18		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:		Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES						Quantity:		
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES						Parabow Used: <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: 1502 PSI				With 8.34 LBS/GAL Mud		Time Held: 00 Hours 30 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)  
 LOST CIRCULATION AT 140 BBLS INTO DISPLACEMENT BUMPED PLUG AT 155 BBLS

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 4722 PSI			
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			
00:30	0	0	0	0	NA	ARRIVE ON LOCATION			
01:00	0	0	0	0	NA	SPOT TRUCKS/PRE RIG UP SAFETY MEETING			
04:25	0	0	0	0	NA	PRE JOB SAFETY MEETING			
04:43	0	0	.8	2	H2O	LOAD LINES			
04:45	4722	0	0	0	H2O	PRESSURE TEST			
04:53	235	0	4.8	10	H2O	FRESH WATER			
04:57	391	0	6	10	H2O	FRESH WATER + DYE			
05:04	303	0	4.8	205	CEMENT	892 SACKS OF TYPE III CEMENT + 0.08 lbs/sack STATIC FREE + 0.5% CALCIUM CHLORIDE + 0.25 lbs/sack CELLO FLAKE + 0.01 gps FP-6L @ 14.5 PPG			
06:04	0	0	0	0	NA	DROP PLUG			
06:05	602	0	6	110	H2O	DISPLACE			
06:23	1013	0	4.5	40	H2O	RATE CHANGE			
06:31	920	0	3.6	5	H2O	RATE CHANGE @ 150 BBLS ( lost circulation at 140 bbls )			
06:35	1423	0	3.6	0	H2O	BUMP PLUG @ 155 BBLS (40 bbls cement to surface)			
06:38	0	0	0	0	H2O	CHECK FLOATS			
06:40	1502	0	1	0	H2O	CASING TEST			
07:10	1484	0	0	0	H2O	END CASING TEST			
07:20	0	0	0	0	NA	POST JOB 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 type="checkbox"/> Y <input checked="" type="checkbox"/> N	1423	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	40	397	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



Baker Hughes JobMaster Program Version 4.02

Job Number: 10011198604

Customer: WHITING

Well Name: HORSETAIL 07H-1847

