

# CEMENT JOB REPORT



<b>CUSTOMER</b> WHITING OIL & GAS CORP XM			<b>DATE</b> 15-JUN-15		<b>F.R. #</b> 10011160863			<b>SERV. SUPV.</b> JOHN R WUDARCZYK						
<b>LEASE &amp; WELL NAME</b> RAZOR FED #30K-1908 - API 05123402120000				<b>LOCATION</b> NESW S30-10N-58W				<b>COUNTY-PARISH-BLOCK</b> Weld Colorado						
<b>DISTRICT</b> Brighton			<b>DRILLING CONTRACTOR RIG #</b> UNIT 406				<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 Shoe 7 - 8rd												
		Float Collar, Pop Valve, 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>
Ultra Flush II Spacer								0	10.5	0	0	00:00	20	
20:80 (POZ:TYPE III) + Adds								366	12.5	2.21	12.06		144.00	105.10
Fresh Water								0	8.34	0	0	00:00	233	
50:50 (POZ:CLASS G) + Adds								236	13.8	1.47	6.79		61.76	38.18
Fresh Water								0	8.34	0	0	00:00	10	
<b>Available Mix Water</b> 400 Bbl.				<b>Available Displ. Fluid</b> 400 Bbl.						<b>TOTAL</b>		468.76	143.27	
<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	6340	6.184	7	29	CSG	6315	5888	P-110	6315	6273	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	1589	1589	NO PACKER		0	0	0	7	8RND	WATER BASED	10.3
<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>				
233	BBLS	Fresh Water	8.34	1500	0	0	0	0	0	8976	4000	RIG		
<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: 10.3 LBS/G				Mud Density Out: 10.3 LBS/GAL				PV & YP Mud In: 19		PV & YP Mud Out: 19				
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"/> 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: 50				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: 1500 PSI With 8.34 LBS/GAL Mud   Time Held: 00 Hours 30 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	5057 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
10:00	0	0	0	0	0	ARRIVE ON LOCATION ( 120 MILES ) RIG RUNNING CASING	
11:30	0	0	0	0	0	SPOT TRUCKS	
12:00	0	0	0	0	0	PRE RIG UP SAFETY MEETING / START GROUND RIG UP	
12:30	0	0	0	0	0	RIG UP COMPLETE AS FAR AS POSSIBLE	
14:00	0	0	0	0	0	COMPLETE GROUND RIG UP	
14:30	0	0	0	0	0	GROUND RIG UP COMPLETE	
15:20	0	0	0	0	0	PRE JOB ,MEETING	
15:53	76	0	1.5	2	H2O	LOAD LINES	
15:55	5057	0	0	0	H2O	PRESSURE TEST PUMPS AND LINES	
16:00	277	0	4.8	20	H2O	WEIGHTED SPACER @ 10.5#	
16:08	372	0	4.8	10	H2O	DYE WATER	
16:15	548	0	5.6	136	CMT	LEAD SLURRY @ 12.5#	
16:45	197	0	4.6	56	CMT	TAIL SLURRY @ 13.8#	
17:04	0	0	0	0	H2O	DROP PLUG	
17:05	900	0	7.1	100	H2O	DISPLACE	
17:20	1352	0	6	50	H2O	SLOW RATE	
17:28	1300	0	4.8	30	H2O	SLOW RATE	
17:32	1828	0	2.5	54	H2O	SLOW RATE	
18:04	2732	0	0	0	H2O	BUMP PLUG @ 234 BBLs	
18:05	0	0	0	0	H2O	CHECK FLOATS ( 2 BBL BACK )	
18:10	1527	0	1.5	1	H2O	START CASING TEST	
18:40	0	0	0	0	H2O	END CASING TEST	
18:45	0	0	0	0	0	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 checked="" type="checkbox"/> Y <input type="checkbox"/> N	2732	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	34	456	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



