

# CEMENT JOB REPORT



<b>CUSTOMER</b> WHITING OIL & GAS CORP XM				<b>DATE</b> 18-APR-15		<b>F.R. #</b> 10011150352				<b>SERV. SUPV.</b> JASON L SJOBERG							
<b>LEASE &amp; WELL NAME</b> RAZOR FEDERAL #12F-1304B - API 0512338716000						<b>LOCATION</b> 12-10N-58W				<b>COUNTY-PARISH-BLOCK</b> Weld Colorado							
<b>DISTRICT</b> Brighton						<b>DRILLING CONTRACTOR RIG #</b>				<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>			
7" Top Cem Plug, Nitrile cvr, Phen			Float Collar, Auto Fill, 7 - 8rd														
			Float Shoe 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>
Ultra Flush II Spacer												20					
20:80 (POZ:TYPE III) + Addis						393						12.5					
Mud												10.2					
50:50 (POZ:CLASS G) + Addis						214						13.8					
Fresh Water												8.34					
<b>Available Mix Water</b> 300 <b>Bbl.</b>						<b>Available Displ. Fluid</b> 300 <b>Bbl.</b>						<b>TOTAL</b> 478.68 147.51					
<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	35	6500	6.184	7	29	CSG	6489		P-110	6489	6443	1					
<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	1854	1854	No Packer	0	0	0	7	8 RND	WATER BASED	10.2				
<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>							
238	BBLS	Mud	10.2	901	0	0	0	0	7768	3000	Rig						
<b>Circulation Prior to Job</b>																	
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 1				Circulation Rate: 4 BPM							
Mud Density In: 10.2 LBS/G Mud Density Out: 10.2 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: 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 type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE																	
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES						Quantity: 60				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: 1502 PSI With 10.2 LBS/GAL Mud						Time Held: 00 Hours 10 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)  
 There was a small leak on the landing collar threads.

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 4339 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
12:00	0	0	0	0	N/A	Yard call
18:10	0	0	0	0	N/A	Leave yard
20:40	0	0	0	0	N/A	Arrive on location (rig running casing)
00:30	0	0	0	0	N/A	Rig is done rigging down casers
00:35	0	0	0	0	N/A	Spot trucks/Pre rig-up safety meeting
01:30	0	0	0	0	N/A	Done rigging up, collar on landing joint is leaking at the threads. Co man wants to wait till 406 gets done with their INT and use their landing joint
05:40	0	0	0	0	N/A	Still a small leak on the same landing joint, but Co man gave the go ahead to pump the job
05:50	0	0	0	0	N/A	Safety meeting
06:16	4339	0	0	0	H2O	Pressure test pump and lines
06:24	349	0	2.7	20	H2O	Preflush ultraflush II
06:35	560	0	4.7	10	H2O	Preflush fresh water
06:40	662	0	5.7	149	CMT	Batch, weigh, pump 393 sks 12.5# 20:80 Type III + .3% R-3 + .2% CD-32 + 15 lbs/sack CSE-2 + .6% FL-57
07:15	343	0	5.1	54	CMT	Pump 214 sks 13.8# 50:50 Poz G + .1% CD-32 + .2% ASA-301 + .2% SMS + .6% FL-66 + 10 lbs/sack CSE-2
07:30	0	0	0	0	N/A	Drop plug
07:38	271	0	7.2	105	MUD	Displacement
07:52	608	0	5.5	130	MUD	Drop rate
08:18	1523	0	4	3	MUD	Drop rate
08:19	1568	0	4	238	MUD	Bump plug
08:21	2035	0	0	0	MUD	Check floats
08:33	1502	0	0	0	MUD	Casing test
08:43	1534	0	0	0	MUD	End test
08:50	0	0	0	0	N/A	Post job 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	1502	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	15	471	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



