

# CEMENT JOB REPORT



<b>CUSTOMER</b> WHITING OIL & GAS CORP XM		<b>DATE</b> 22-FEB-14	<b>F.R. #</b> 10011048108		<b>SERV. SUPV.</b> FELIPE LANDA		
<b>LEASE &amp; WELL NAME</b> RAZOR #11E-0202B - API 05123385310000		<b>LOCATION</b> 11-10N-58W		<b>COUNTY-PARISH-BLOCK</b> Weld Colorado			
<b>DISTRICT</b> Brighton		<b>DRILLING CONTRACTOR RIG #</b> Cade 23		<b>TYPE OF JOB</b> Surface			
<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 MD TVD</b>	
Cement Plug, Rubber, Top 9-5/8 in	Centralizer, with Pins, 9-5/8 in						
	Float Shoe 9-5/8 - 8rd						
	Float Collar, Auto Fill, 9-5/8 - 8rd						
<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>	
Fresh Water					8.34		
Type III + Adds		797		14.5	1.40	6.81	
Fresh water					8.34		
Available Mix Water 400 Bbl.		Available Displ. Fluid 400 Bbl.		<b>TOTAL</b>		351.57 129.18	
<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	25	1838	8.921	9.625	36	CSG	1825
						<b>GRADE</b>	<b>SHOE</b>
						J-55	1825
						<b>TV</b>	<b>STAGE</b>
						1825	1780
						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>SIZE</b>	<b>THREAD</b>
						9.625	8RD
		NO PACKER		0		WATER BASED	
						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>
137.6	BBLS	Fresh water	8.34	570	0	0	0
						<b>Operator</b>	<b>MAX CSG PSI</b>
						3520	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: 1			
Mud Density In: 9 LBS/GAL				Mud Density Out: 9 LBS/GAL			
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: 12			
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input checked="" type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD				Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID			
<b>Plugs</b>							
Number of Attempts by BJ: 0				Competition:			
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			
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: 1534 PSI				With 8.34 LBS/GAL Mud			
				Time Held: 00 Hours 15 Minutes			
<b>EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE</b>							
<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 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 3773 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
04:00	0	0	0	0	NA	YARD CALL
09:34	0	0	0	0	NA	ARRIVE ON LOCATION ( rig running casing )
12:50	0	0	0	0	NA	SPOT TRUCKS/PRE RIG UP SAFETY MEETING
13:30	0	0	0	0	NA	SAFETY MEETING
13:45	25	0	.8	1	H2O	LOAD LINES
13:48	3773	0	0	0	H2O	HIGH PRESSURE TEST
13:52	201	0	4.8	15	H2O	FRESH WATER
14:00	276	0	4	182	CEMENT	797 SACKS OF TYPE III CEMENT + 0.08 lbs/sack STATIC FREE + 1% CALCIUM CHLORIDE + 0.25 lbs/sack CELLO FLAKE @ 14.5 PPG
14:52	0	0	0	0	NA	DROP PLUG
14:53	553	0	6	70	H2O	DISPLACE
15:07	603	0	4.8	30	H2O	RATE CHANGE
15:13	729	0	3.6	20	H2O	RATE CHANGE
15:19	753	0	2.4	17	H2O	RATE CHANGE
15:25	1031	0	2.4	0	H2O	BUMP PLUG @ 137 BBLS ( 29 bbls cement to surface )
15:28	0	0	0	0	H2O	BLEED OFF PRESSURE/CHECK FLOATS
15:30	1534	0	1.3	0	H2O	CASING TEST
15:45	1484	0	0	0	H2O	END CASING TEST
16:00	0	0	0	0	H2O	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	1031	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	29	339	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

## RAZOR 11E-0202B (C958)

