

## CEMENT JOB REPORT



<b>CUSTOMER</b> WHITING PETROLEUM CORP		<b>DATE</b> 11-JUN-14		<b>F.R. #</b> 10011075040		<b>SERV. SUPV.</b> JOHN R WUDARCZYK					
<b>LEASE &amp; WELL NAME</b> RAZOR #26L-3503A - API 05123379910000		<b>LOCATION</b> 26-10N-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>				
Cement Plug, Rubber, Top 9-5/8 in		Float Shoe 9-5/8 - 8rd									
		Float Collar, Pop Valve, 9-5/8 - 8rd									
		Centralizer, with Pins, 9-5/8 in									
		Cement Basket, Slip On, 9-5/8 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>				
Fresh Water				0	8.34	0	0				
Type III + Adds				719	14.5	1.40	6.80				
Fresh water				0	8.34	0	0				
Available Mix Water 500 Bbl.				Available Displ. Fluid 500 Bbl.		TOTAL					
						309.00	116.37				
<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>		
13.5	35	1539	8.921	9.625	36	CSG	1527	1527	J-55		
							SHOE 1527				
							FLOAT 1482				
							STAGE 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>	<b>TOP</b>		
						NO PACKER		0			
								9.625	8RND		
								WATER BASED			
								WGT. 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>MAX CSG 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>	<b>Operator</b>	<b>RATED</b>	<b>Operator</b>	
114.5	BBLS	Fresh water	8.34	469	0	0	0	0	2816	2000	
										RIG	
<b>Circulation Prior to Job</b>											
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1				Circulation Rate: 5 BPM			
Mud Density In: 9 LBS/GAL				Mud Density Out: 9 LBS/GAL				PV & YP Mud In: 6			
PV & YP Mud Out: 6				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: .5 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: 12				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:				Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES							
Plug Catcher 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 15 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 <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>
	PIPE	ANNULUS				TEST LINES 3150 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
09:00	0	0	0	0	0	ARRIVE ON LOCATION ( 127 MILES ) RIG RUNNING CASING
09:15	0	0	0	0	0	PRE RIG UP SAFETY MEETING
11:52	0	0	0	0	0	PRE JOB MEETING
12:10	3150	0	0	0	H2O	PRESSURE TEST PUMPS AND LINES
12:14	221	0	5.6	15	H2O	DYE WATER
12:25	382	0	4.5	160	CMT	BATCH UP AND PUMP 719 SKS TYPE III+.08#/SACK STATIC FREE+1%CACL+.25#/SACK CELLO FLAKE @ 14.5#
13:07	0	0	0	0	H2O	DROP PLUG
13:08	746	0	6.5	60	H2O	START DISPLACEMENT
13:18	792	0	5.5	20	H2O	SLOW RATE
13:22	780	0	4.1	20	H2O	SLOW RATE
13:27	752	0	2.6	14	H2O	SLOW RATE
13:33	1317	0	0	0	H2O	BUMP PLUG @ 114 BBLs
13:34	0	0	0	0	H2O	CHECK FLOATS .5 BBL BACK
13:36	1520	0	.4	.5	H2O	START CASING TEST
13:51	0	0	0	0	H2O	BLEED OFF CASING TEST
14:00	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	1317	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	34	289	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	