

# CEMENT JOB REPORT



<b>CUSTOMER</b> WHITING PETROLEUM CORP		<b>DATE</b> 25-FEB-14	<b>F.R. #</b> 10011048498		<b>SERV. SUPV.</b> VITALIJS A NEVERDASOV	
<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> Intermediate		

SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD		TVD		HANGER TYPES		MD		TVD	
Cement Plug, Rubber, Top 7 in		Float Shoe 7 - 8rd		NONE		0		0		NONE		0		0	
		Float Collar, Al Flap, 7 - 8rd													
		Centralizer, with Pins, 7 in													

MATERIALS FURNISHED BY BJ		LAB REPORT NO.	PHYSICAL SLURRY PROPERTIES						
			SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sup>3</sup>	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
Ultra Flush II Spacer		N/A	0	10.5	0	0	00:00	20	
(35:65) + LW-6 + Adds		C02-07314	319	10.5	2.64	8.86	06:41	149.97	67.33
Fresh Water		N/A	0	8.34	0	0	00:00	236.27	
(35:65) + LW-6 + Adds		C02-07314	107	10.5	3.12	10.49	06:38	59.48	26.74
Available Mix Water 800 Bbl.		Available Displ. Fluid 500 Bbl.	TOTAL		465.72		94.07		

HOLE			TBG-CSG-D.P.							COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
8.75	35	6440	6.184	7	29	CSG	6425	6425	L-80	6425	6380	1

LAST CASING				PKR-CMT RET-BR PL-LINER				PERF. DEPTH			TOP CONN		WELL FLUID	
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.	
8.9	9.63	36	CSG	1830	1830	NO PACKER	0	0	0	7	8RND	WATER BASED	9.4	

DISPL. VOLUME		DISPL. FLUID		CAL. PSI		CAL. MAX PSI		OP. MAX		MAX TBG PSI		MAX CSG PSI		MIX WATER	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator					
236.3	BBLS	Fresh Water	8.34	331	0	0	0	0	6528	3000	RIG TANK				

Circulation Prior to Job			
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		Circulation Time: 2	
Mud Density In: 9.4 LBS/GAL		Mud Density Out: 9.4 LBS/GAL	
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>		Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>	

Displacement And Mud Removal			
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 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"/> RECIPROICATION <input type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE			
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES		Quantity: 40	
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	

Plugs			
Number of Attempts by BJ: 0		Competition: 0	
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	

Squeezes (Update Original Treatment Report for Primary Job)			
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	

Casing Test (Update Original Treatment Report for Primary Job)			
Casing Test Pressure: 1547 PSI		With 8.4 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	4328 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
08:07	0	0	0	0	N/A	LEAVE YARD	
10:37	0	0	0	0	N/A	ARRIVE ON LOCATION, 123 MILES/ RIG IS READY	
10:44	0	0	0	0	N/A	SPOT TRUCKS	
10:58	0	0	0	0	N/A	PRE RIG UP SAFETY MEETING	
12:11	0	0	0	0	N/A	PRE JOB SAFETY MEETING	
13:16	274	0	1	1	H2O	LOAD LINE	
13:19	4328	0	.4	.1	H2O	PRESSURE TEST	
13:29	268	0	3.6	20	H2O	ULTRA FLUSH II SPACER @ 10.5 PPG	
13:41	579	0	5	157	CMT	BATCH/WEIGH/PUMP 319 SX OF LEAD CEMENT @10.5 PPG	
14:18	415	0	5	65	CMT	PUMP 107 SX OF TAIL CEMENT @ 10.5 PPG	
14:33	0	0	0	0	N/A	SHUT DOWN/ DROP PLUG	
14:39	978	0	6	110	MUD	DISPLACEMENT	
14:58	1002	0	4.8	90	MUD	SLOW RATE	
15:18	823	0	3	38	MUD	SLOW RATE	
15:30	2042	0	0	238	N/A	BUMP PLUG	
15:35	0	0	0	0	N/A	CHECK FLOATS/ FLOATS HELD	
15:44	1547	0	1	1	MUD	CASING TEST	
16:02	0	0	0		N/A	BLEED OFF	
16:12	0	0	0	0	N/A	RIG DOWN SAFETY MEETING	
BUMPED PLUG <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	PSI TO BUMP PLUG 823	TEST FLOAT EQUIP. <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 68	TOTAL BBL. PUMPED 581	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Service Supervisor Signature: 

Chris Woodgett



**Baker Hughes JobMaster Program Version 3.60**

Job Number: 10011048498

Customer: WHITING

Well Name: RAZOR 11E-0202B

**C992**

