

# CEMENT JOB REPORT



<b>CUSTOMER</b> WHITING OIL & GAS CORP XM		<b>DATE</b> 11-FEB-15	<b>F.R. #</b> 10011137863	<b>SERV. SUPV.</b> FELIPE LANDA	
<b>LEASE &amp; WELL NAME</b> RAZOR #11G-1409A - API 05123387280000		<b>LOCATION</b> 11-10N-58W		<b>COUNTY-PARISH-BLOCK</b> Weld Colorado	
<b>DISTRICT</b> Brighton		<b>DRILLING CONTRACTOR RIG #</b>		<b>TYPE OF JOB</b> Surface	

SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD
9-5/8" Top Cem Plug, Nitrile cvr, Phc		Centralizer, with Pins, 9-5/8 in					
		Cement Basket, Slip On, 9-5/8 in					
		Float Collar, Auto Fill, 9-5/8 - 8rd					
		Float Shoe 9-5/8 - 8rd					

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 WAT
Fresh Water				8.34				20	
Type III + Adds			836	14.5	1.40	6.81	01:30	208.71	13
Fresh water				8.34				140.3	
Available Mix Water 400		Bbl.	Available Displ. Fluid 400		Bbl.	TOTAL		369.01	13

HOLE			TBG-CSG-D.P.						COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAG
13.5	30	1879	8.921	9.625	36	CSG	1859	1800		1859	1815	

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	W
15.	16	65		80	80	NO PACKER		0	0	0	9.625	8RD	WATER BASED	

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	
140.3	BBLS	Fresh water	8.34	581	0	0	0	0	3520	2816	TANK

Circulation Prior to Job			
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		Circulation Time: 1      Circulation Rate: 3 BPM	
Mud Density In: 8.5 LBS/GAL      Mud Density Out: 8.5 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"/>	

Displacement And Mud Removal			
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: 14      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			

Plugs			
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      Quantity:	
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: 1504 PSI      With 8.5 LBS/GAL Mud      Time Held: 00 Hours 20 Minutes			



# 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)  
CASING GETTING STUCK WHILE GOING DOWN

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	CO. REP.
	PIPE	ANNULUS				X	X
						TEST LINES	4612 PSI
						CIRCULATING WELL - RIG	BJ
01:35	0	0	0	0	NA	ARRIVE ON LOCATION ( casing crew rigging up to start running casir )	
09:30	0	0	0	0	NA	CASING CREW RIGGING DOWN	
09:50	0	0	0	0	NA	SPOT TRUCKS/PRE RIG UP SAFETY MEETING	
10:05	0	0	0	0	NA	PRE JOB SAFETY MEETING	
10:20	0	0	0	0	NA	RIGS MUD PUMP BROKE/ BHI STANDING BY	
12:19	25	0	.8	2	H2O	LOAD LINES	
12:23	4612	0	0	0	H2O	PRESSURE TEST	
12:26	277	0	4.8	10	H2O	FRESH WATER	
12:29	252	0	4.8	10	H2O	FRESH WATER + DYE	
12:37	326	0	4.5	209	CEMENT	836 SACKS OF TYPE III CEMENT + 0.08 lbs/sack STATIC FREE + 1' CALCIUM CHLORIDE + 0.25 lbs/sack CELLO FLAKE @ 14.5 PPG	
13:34	0	0	0	0	NA	DROP PLUG	
13:35	780	0	6	100	H2O	DISPLACE	
13:52	755	0	4.9	20	H2O	RATE CHANGE	
13:57	702	0	2.4	21	H2O	RATE CHANGE	
14:13	1103	0	2.4	0	H2O	BUMP PLUG @ 141 BBLS ( 60 bbls cement to surface )	
14:16	0	0	0	0	H2O	CHECK FLOATS	
14:18	1504	0	1.8	0	H2O	CASING TEST	
14:38	1454	0	0	0	H2O	END CASING TEST	
14:45	0	0	0	0	NA	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:
Y N	1103	Y N	60	389	0	Y N	





Baker Hughes JobMaster Program Version 4.02  
Job Number: 1001137863  
Customer: WHITING  
Well Name: RAZOR 11G-1409A

## RAZOR 11G-1409A (C956)

