

# CEMENT JOB REPORT



CUSTOMER WHITING PETROLEUM CORP		DATE 02-DEC-12	F.R. # 1001951121	SERV. SUPV. JOHN R WUDARCZYK	
LEASE & WELL NAME RAZOR #11-0241H - API 05123360570000		LOCATION 11-10N-58W		COUNTY-PARISH-BLOCK Weld Colorado	
DISTRICT Brighton		DRILLING CONTRACTOR RIG # CADE 21		TYPE OF JOB Long String	
SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES MD TVD
7" Top Cem Plug, Nitrile cvr, Phen	Float Shoe/Poppet Valve 7 - 8rd				
	Float Collar, Pop Valve, 7 - 8rd				
	Centralizer, with Pins, 7 in				
PHYSICAL SLURRY PROPERTIES					
MATERIALS FURNISHED BY BJ	LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sup>3</sup>	WATER GPS
Fresh Water		0	8.34	0	0 00:00
Mud Clean I		0	8.34	0	0 00:00
Fresh Water		0	8.34	0	0 00:00
(35:65) Poz:G+LW6+.1%R3+1%FL25+.5%SMS+5%CSI		343	10.5	2.64	8.86
Fresh Water		0	8.34	0	0 00:00
(35:65) Poz:G+LW6+1%FL25+.5%SMS+20%SS+5%CS		100	10.5	3.12	10.49
Available Mix Water 500 Bbl.	Available Displ. Fluid 500 Bbl.	TOTAL		509.64	97.35
TBG-CSG-D.P.					
HOLE SIZE	% EXCESS	DEPTH	ID OD	WGT.	TYPE
8.75	30	6315	6.184 7	29	CSG
COLLAR DEPTHS					
SHOE		FLOAT		STAGE	
6305		6258		0	
LAST CASING					
ID	OD	WGT	TYPE	MD	TVD
8.9	9.63	36	CSG	1850	1850
PKR-CMT RET-BR PL-LINER					
BRAND & TYPE		DEPTH	TOP	BTM	
NO PACKER		0	0	0	
PERF. DEPTH					
TOP		BTM			
0		0			
TOP CONN					
SIZE		THREAD			
7		8RND			
WELL FLUID					
TYPE		WGT.			
WATER BASED		8.8			
DISPL. VOLUME					
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.
233	BBLS	Fresh Water	8.34	552	0
CAL. PSI					
CAL. MAX PSI		OP. MAX		MAX TBG PSI	
552		0		0	
MAX CSG PSI					
RATED		Operator		MAX CSG PSI	
8976		3000		RIG	
Circulation Prior to Job					
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		Circulation Time: 1		Circulation Rate: 5 BPM	
Mud Density In: 8.8 LBS/GAL		Mud Density Out: 8.8 LBS/GAL		PV & YP Mud In: 0	
PV & YP Mud Out: 0		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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO		Were Returns Planned at Surface: <input checked="" type="checkbox"/> NO <input 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: 15		Type: <input checked="" 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: 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		Top of Plug: 0 FT	
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				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 checked="" 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: 1500 PSI		With 8.34 LBS/GAL Mud		Time Held: 00 Hours 30 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)  
 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

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: 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	4580 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
06:54	0	0	0	0	0	ARRIVE ON LOCATION ( 123 MILES )	
07:10	0	0	0	0	0	PRE RIG UP SAFETY MEETING	
08:00	0	0	0	0	0	PRE JOB MEETING	
08:45	4580	0	0	0	H2O	PRESSURE TEST PUMPS AND LINES	
08:48	369	0	6	20	H2O	FRESH WATER	
08:53	430	0	6	20	H2O	MUD CLEAN I	
08:56	490	0	6	20	H2O	FRESH WATER	
09:05	360	0	5	161	LEAD	BATCH UP AND PUMP 343 SKS 35/65 POZ/G+.06%STATIC FREE+.1%R-3+46.46%LW-6+1%FL-25+.5%SMS+5%CSE-2 @ 10.5#	
09:43	146	0	4.6	55	TAIL	MIX AND PUMP 100 SKS 35/65 POZ/G+.06%STATIC FREE+54.44%LW-6+1%FL-25+.5%SMS+20%SILICA SAND+5%CSE-2 @ 10.5#	
10:05	0	0	0	0	H2O	DROP PLUG	
10:06	893	0	6	180	H2O	START DISPLACEMENT	
10:36	864	0	4.8	30	H2O	SLOW RATE	
10:40	1091	0	3.6	22	H2O	SLOW RATE	
10:45	2505	0	0	0	H2O	BUMP PLUG @ 232 BBLS	
10:46	0	0	0	0	H2O	CHECK FLOATS	
10:53	1504	0	1.5	2	H2O	START CASING TEST	
11:23	1667	0	0	0	H2O	END CASING TEST	
11:24	0	0	0	0	0	BLEED OFF PRESSURE TO PUMP	
11:30	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	2505	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	508	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



Baker Hughes JobMaster Program Version 3.60

Job Number: 1001951121

Customer: WHITING

Well Name: RAZOR 11-0241H

C103

