

CEMENT JOB REPORT



CUSTOMER WHITING PETROLEUM CORP		DATE 15-OCT-14	F.R. # 10011108774		SERV. SUPV. FELIPE LANDA		
LEASE & WELL NAME RAZOR #21B-0909 - API 05123395290000		LOCATION 21-10N-58W		COUNTY-PARISH-BLOCK Weld Colorado			
DISTRICT Brighton		DRILLING CONTRACTOR RIG # CADE 23		TYPE OF JOB Surface			
SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS		MD	TVD	HANGER TYPES MD TVD	
Cement Plug, Rubber Top 9-5/8 in-F	Centralizer, with Pins, 9-5/8 in						
	Float Collar, Auto Fill, 9-5/8 - 8rd						
	Float Shoe 9-5/8 - 8rd						
	Cement Basket, Slip On, 9-5/8 in						
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES			
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	
Fresh Water					8.34		
Type III + Adds		754		14.5	1.40	6.80	
Fresh water				8.34		01:30	
Available Mix Water 400 Bbl.		Available Displ. Fluid 400 Bbl.		TOTAL		339.44 122.03	
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD
13.5	25	1757	8.921	9.625	36	CSG	1742
						GRADE	SHOE
						J-55	1742
						FLOAT	STAGE
						1698	0
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN	
ID	OD	WGT	TYPE	MD	TVD	WELL FLUID	
		BRAND & TYPE		DEPTH		TOP	
		NO PACKER		0		BTM	
						SIZE	
						9.625	
						THREAD	
						8RD	
						TYPE	
						WATER BASED	
						WGT.	
						9.1	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI		CAL. MAX PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	OP. MAX	MAX TBG PSI
131.2	BBLS	Fresh water	8.34	544	0	0	0
						SQ. PSI	RATED
						Operator	0
						MAX CSG PSI	MAX TBG PSI
						Rated	Operator
						3520	2816
						TANK	
Circulation Prior to Job							
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1			
Mud Density In: 9.1 LBS/GAL				Mud Density Out: 9.1 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: 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"/> RECIPROCATION <input type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE							
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 13			
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:			
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			
Was There a Bottom: <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: 0 PSI				With 0 LBS/GAL Mud			
Time Held: 00 Hours 00 Minutes							
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE							

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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

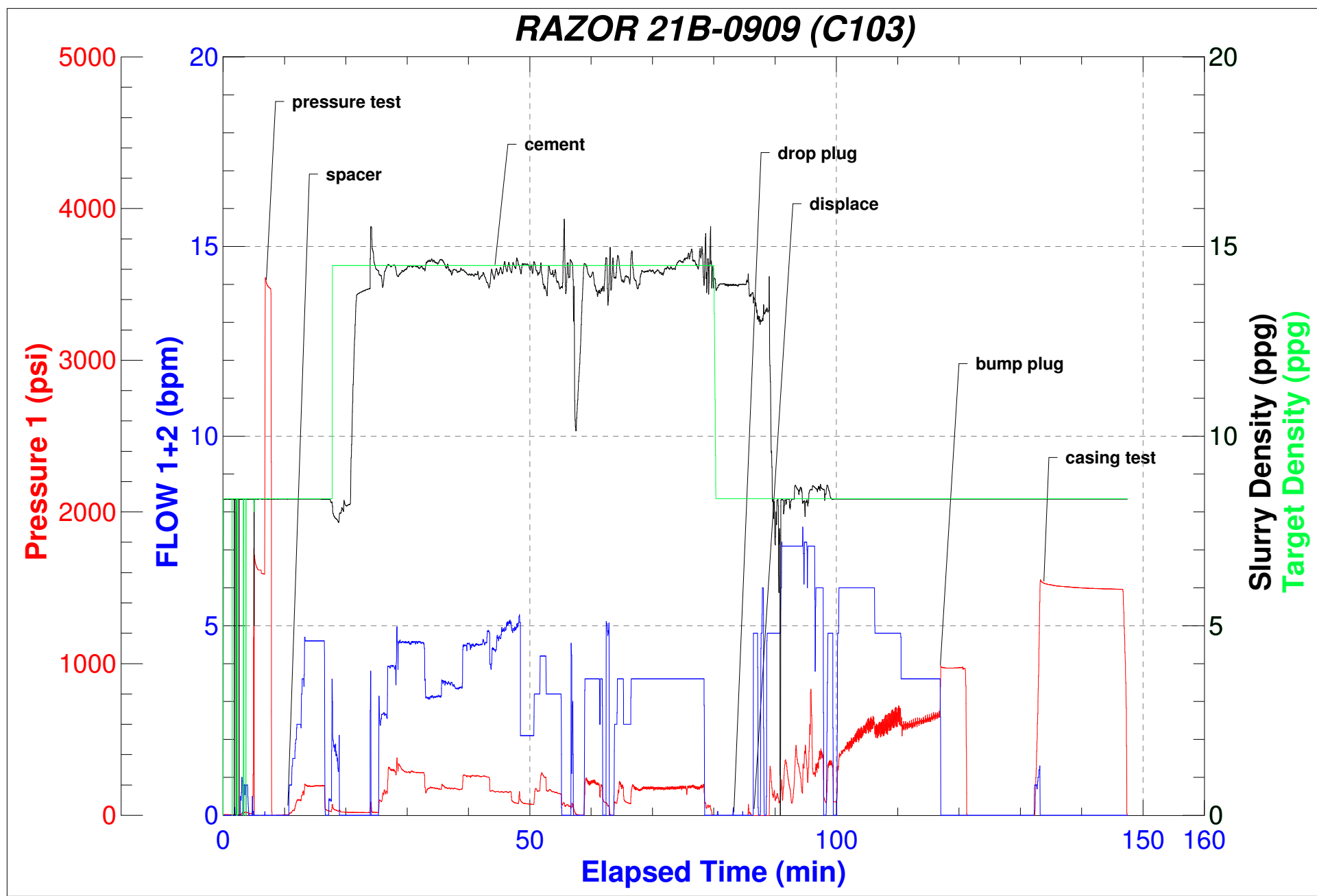
Problems Before Job (I.E. Running Casing, Circulating Well, ETC)
 NONE

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 3545 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
02:45	0	0	0	0	NA	ARRIVE ON LOCATION (arrived 45 min late, rig running casing)
04:10	0	0	0	0	NA	CASING CREW RIGGING DOWN
04:30	0	0	0	0	NA	SPOT TRUCKS/PRE RIG UP SAFETY MEETING
05:18	0	0	0	0	NA	SAFETY MEETING
05:50	17	0	.8	1	H2O	LOAD LINES
05:52	1747	0	0	0	H2O	LOW PRESSURE TEST
05:54	3545	0	0	0	H2O	HIGH PRESSURE TEST
05:59	202	0	4.6	10	H2O	FRESH WATER
06:02	192	0	4.6	10	H2O	FRESH WATER + DYE
06:10	292	0	4	179	CEMENT	754 SACKS OF TYPE III CEMENT + 0.08 lbs/sack STATIC FREE + 1% CALCIUM CHLORIDE + 0.25 lbs/sack CELL FLAKE + 0.01 FP-6L @ 14.5 PPG
07:14	0	0	0	0	NA	DROP PLUG
07:15	607	0	6	90	H2O	DISPLACE
07:35	710	0	4.8	20	H2O	RATE CHANGE
07:39	638	0	3.6	21	H2O	RATE CHANGE
07:45	981	0	3.6	0	H2O	BUMP PLUG @ 131 BBLS (35 bbls cement to surface)
07:48	0	0	0	0	H2O	CHECK FLOATS
08:00	1552	0	1.3	0	H2O	CASING TEST
08:15	1490	0	0	0	H2O	END CASING TEST
08:30	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:
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	1552	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	35	330	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



RAZOR 21B-0909 (C103)

