

# CEMENT JOB REPORT



CUSTOMER WHITING PETROLEUM CORP		DATE 15-AUG-13	F.R. # 10011007268	SERV. SUPV. REESE A ANDERSON	
LEASE & WELL NAME RAZOR #27L-3404B - API 05123377440000		LOCATION 27-10N-58W		COUNTY-PARISH-BLOCK Weld Colorado	
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Cade 21		TYPE OF JOB Intermediate	
SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES
Cement Plug, Rubber, Top 7 in	Float Collar, Auto Fill, 7 - 8rd				
	Float Shoe 7 - 8rd				
PHYSICAL SLURRY PROPERTIES					
MATERIALS FURNISHED BY BJ	LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sup>3</sup>	WATER GPS
Ultra Flush II Spacer	0	0	10.5	0	0 00:00
(35:65) Poz:G+LW6+.1%R3+1.2%FL25+.5%SMS+5%C		325	10.5	2.64	8.86
Fresh Water	0	0	8.34	0	0 00:00
(35:65) Poz:G+LW6+1.2%FL25+.5%SMS+20%SS+5%C		127	10.5	3.12	10.49
Available Mix Water 400 Bbl.	Available Displ. Fluid 400 Bbl.	TOTAL			483.37 100.33
COLLAR DEPTHS					
HOLE	TBG-CSG-D.P.	GRADE	SHOE	FLOAT	STAGE
SIZE % EXCESS DEPTH	ID OD WGT. TYPE	MD TVD			
8.75 35 6500	6.184 7 29 CSG	6500 5760	P-110	6082	6035
LAST CASING					
ID OD WGT. TYPE	MD TVD	PKR-CMT RET-BR PL-LINER	PERF. DEPTH	TOP CONN	WELL FLUID
8.9 9.63 36 CSG	1500 1500	NO PACKER	0 0 0	7 8 RD	WATER BASED
DISPL. VOLUME					
VOLUME UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI
224 BBLs	Fresh Water	8.34	2500	0	0
Circulation Prior to Job					
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		Circulation Time: 1		Circulation Rate: 6 BPM	
Mud Density In: 9.7 LBS/GAL		Mud Density Out: 9.7 LBS/GAL		PV & YP Mud In: 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		Method Used to Verify Returns: VISUAL	
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL		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: 20	
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		Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Quantity:	
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"/>	
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	
Casing Test (Update Original Treatment Report for Primary Job)					
Casing Test Pressure: 1509 PSI		With 8.5 LBS/GAL Mud		Time Held: 00 Hours 30 Minutes	
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE					
PRESSURE/RATE DETAIL			EXPLANATION		



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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	3824 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
04:00	0	0	0	0	NA	YARD CALL	
06:28	0	0	0	0	NA	LEAVE YARD	
09:00	0	0	0	0	NA	ARRIVE ON LOCATION	
13:50	0	0	0	0	NA	SPOT TRUCKS/PRE RIG UP MEETING/RIG UP	
14:35	0	0	0	0	NA	SAFETY MEETING	
14:52	3824	0	0	0	H2O	PRESSURE TEST	
14:55	503	0	6.3	40	H2O	FRESH WATER SPACER	
15:12	367	0	6.4	164	CMT	325 SACKS 10.5 PPG CEMENT	
15:41	181	0	5.3	75	CMT	127 SACKS 10.5 PPG CEMENT	
15:54	0	0	0	0	NA	DROP PLUG	
16:02	653	0	6.4	90	H2O	DISPLACEMENT	
16:15	970	0	5	60	H2O	RATE CHANGE	
16:26	1206	0	4	30	H2O	RATE CHANGE	
16:42	1213	0	1.8	44	H2O	RATE CHANGE	
16:57	1807	0	1.8	224	H2O	BUMP PLUG	
17:03	0	0	0	0	NA	BLEED OFF/TEST FLOATS	
17:05	1509	0	0	0	H2O	CASING TEST	
17:35	0	0	0	0	NA	BLEED OFF	
17:40	0	0	0	0	NA	PRE RIG DOWN MEETING/RIG DOWN	

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	1807	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	40	503	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



## Load Sheet



WELL NAME RAZOR #27L-3404B

**JOB DATE** AUG-15-2013

FIELD RECEIPT DATE AUG-15-2013

FIELD RECEIPT NO. 10011007268

[illegible]

DATE \_\_\_\_\_

DATE AUG-15-2013

SERVICE SUPERVISOR

DATE \_\_\_\_\_

OPERATIONS SUPERVISOR

**CUSTOMER SIGNATURE**