

# CEMENT JOB REPORT



CUSTOMER WHITING PETROLEUM CORP		DATE 03-OCT-12	F.R. # 1001939171	SERV. SUPV. CALEB C KINGSLEY			
LEASE & WELL NAME RAZOR #12-0141H - API 05123360520000		LOCATION SEC 12 - 10 N - 58 W		COUNTY-PARISH-BLOCK Weld Colorado			
DISTRICT Brighton		DRILLING CONTRACTOR RIG # CADE 21		TYPE OF JOB Plug Back			
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS			
		No Shoe		NONE			
				MD 0 TVD 0			
				HANGER TYPES MD 0 TVD 0			
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			
Mud Clean II		0		0			
ClassG+.2%R3+.6%CD32		400		17			
Fresh Water		0		0			
Fresh water		0		0			
Available Mix Water 400		Bbl. Available Displ. Fluid 200		Bbl. TOTAL 120.5 35.71			
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS	
SIZE % EXCESS DEPTH		ID OD		WGT. TYPE		MD TVD GRADE	
8.75 0 5800		8.921 9.625		36 CSG		1850 1850 J-55	
		3.34 4		14 DP		3750 3750	
		2.56 4		29.09 DP		4761 4761	
		3.826 4.5		16.6 DP		5800 5800	
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN	
ID OD WGT TYPE MD TVD		BRAND & TYPE		DEPTH TOP BTM		SIZE THREAD TYPE WGT.	
		NO PACKER		0		4 8RND WATER BASED 9.8	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI		CAL. MAX PSI	
VOLUME UOM		TYPE WGT.		BUMP PLUG		TO REV. SQ. PSI	
43 BBLs		Fresh Water		8.34		0 0	
						0 7210 5768	
						0 0 RIG TANK	
Circulation Prior to Job							
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1			
Mud Density In: 9.8 LBS/GAL				Mud Density Out: 9.8 LBS/GAL			
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: 0 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"/> RECIPROICATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE							
Centralizers: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Quantity: Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID			
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD							
Plugs							
Number of Attempts by BJ: 1				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: 4850 FT Bottom of Plug: 5815 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	3603 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
13:50	0	0	0	0	NA	LEAVE YARD	
16:20	0	0	0	0	NA	ARRIVE TO LOCATION	
16:30	0	0	0	0	NA	SPOT TRUCKS	
17:30	0	0	0	0	NA	SAFETY MEETING	
18:09	3603	0	0	0	H2O	PRESSURE TEST	
18:12	488	0	4.8	20	H2O	MUD CLEAN II SPACER	
18:15	548	0	4.8	10	H2O	FRESH WATER SPACER	
18:20	0	0	0	0	NA	SHUT DOWN AND PREPARE FOR CEMENT	
18:23	980	0	4.8	71	CMT	BATCH/WEIGH AND PUMP 17.0 PPG CEMENT	
18:39	191	0	4.8	7.5	H2O	FRESH WATER BEHIND CEMENT TO HELP BALANCE PLUG.	
18:41	201	0	4.8	22	MUD	MUD BEHIND WATER TO HELP BALANCE PLUG	
18:45	343	0	0	0	NA	CAUGHT PRESSURE AND SHUT DOWN TO ALLOW THE PLUG TO BALANCE OUT.	
18:48	0	0	0	0	NA	OPENED BLEED OFF ON PUMP AND STARTED TO RIG DOWN	
19:40	0	0	0	0	NA	LEAVE LOCATION	
BUMPED PLUG		PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT
Y	N	0	Y	N	0	132	0
							Service Supervisor Signature: