

CEMENT JOB REPORT



CUSTOMER WHITING PETROLEUM CORP		DATE 17-JAN-13	F.R. # 1001959309	SERV. SUPV. RYAN R STEVENS	
LEASE & WELL NAME RAZOR #22-2712H - API 05123362570000		LOCATION 22-10N-58W		COUNTY-PARISH-BLOCK Weld Colorado	
DISTRICT Brighton		DRILLING CONTRACTOR RIG # CADE 21		TYPE OF JOB Surface	
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS MD TVD HANGER TYPES MD TVD	
9-5/8" Top Cem Plug, Nitrile cvr, Ph		Float Collar, Al Flap, 9-5/8 - 8rd		None 0 0 None 0 0	
		Guide Shoe, Cement Nose, 9-5/8 i			
		Centralizer, with Pins, 9-5/8 in			
		Cement Basket, Slip On, 9-5/8 in			
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES	
Fresh water				SACKS OF CEMENT	SLURRY WGT PPG
Type III+1%CaCl+.25CF				SLURRY YLD FT ³	WATER GPS
Fresh water				PUMP TIME HR:MIN	Bbl SLURRY
Available Mix Water 500 Bbl.		Available Displ. Fluid 500 Bbl.		TOTAL	Bbl MIX WATER
				315.80	116.54
HOLE		TBG-CSG-D.P.		COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	ID OD	WGT.	TYPE
13.5	35	1625	8.921 9.625	36	CSG
				MD	TVD
				GRADE	SHOE
				1614	1614
				J-55	1614
					1569
					0
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH	
ID	OD	WGT	TYPE	MD	TVD
		BRAND & TYPE		DEPTH	TOP
		No Liner		BTM	SIZE
				0	8RD
					WATER BASED
					9.8
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.
121.3	BBLS	Fresh water	8.34	502	0
				SQ. PSI	RATED
				0	0
				Operator	MAX TBG PSI
				0	0
				2816	1500
					Rig Tank
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: 9.8 LBS/GAL		Mud Density Out: 9.8 LBS/GAL		PV & YP Mud In: 0	
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>		Units:		PV & YP Mud Out: 0	
				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 checked="" type="checkbox"/> NONE		UNABLE DUE TO STUCK PIPE			
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES		Quantity: 10		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		NO MANIFOLD			
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	
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	
				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
 Number of Times Tests Conducted: 0
 Target EMW: 0 LBS/GAL Actual EMW: 0 LBS/GAL
 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)
 Did not bump plug and floats did not hold

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	CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
						3381 PSI	
17:30	0	0	0	0	N/A		Yard call
18:58	0	0	0	0	N/A		Depart district
21:09	0	0	0	0	N/A		Time arrived on Location (106 Miles) Rig Pulling drill pipe
02:45	0	0	0	0	N/A		Spot trucks onto location
02:50	0	0	0	0	N/A		Pre rig up safety meeting
03:30	0	0	0	0	N/A		Pre job safety meeting
03:59	3381	0	0	0	WATER		Pressure test Pumps and lines
04:03	220	0	6	20	WATER		Freeah water spacer
04:13	625	0	5.6	170	CEMENT		Batch , weigh and pump 719 SXS of Type III Cement + 0.08 LBVS/Sack Static free + 1% Calcium Chloride + 0.25 LBS/Sack Cello Flake @ 14.5 PPG
05:00	0	0	0	0	N/A		Release plug
05:06	822	0	5.6	100	WATER		Start displacement with cone water
05:24	712	0	4.1	10	WATER		Drop rate
05:25	653	0	2.8	11	WATER		Drop rate
05:27	535	0	0	0	WATER		Shut down did not bump plug
05:30	638	0	1.3	1	WATER		Retry to bump plug with one more barrel (did not bump plug)
05:35	0	0	0	0	N/A		Check floats (Floats did not hold)
05:36	566	0	0	0	N/A		Shut in head leave 566 PSI on CSG
05:37	0	0	0	0	N/A		Pre rig down safety meeting
06:02	0	0	0	0	N/A		Time off 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	Service Supervisor Signature:
Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	35	312	566	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	