

CEMENT JOB REPORT



CUSTOMER WHITING PETROLEUM CORP		DATE 10-JAN-14	F.R. # 10011037427	SERV. SUPV. JOHN R WUDARCZYK	
LEASE & WELL NAME RAZOR #21C-2807A - API 05123378410000		LOCATION 21-10N-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 Shoe 7 - 8rd				
	Float Collar, Pop Valve, 7 - 8rd				
	Centralizer, with Pins, 7 in				
MATERIALS FURNISHED BY BJ		LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³
Ultra Flush II Spacer			0	10.5	0
(35:65) + LW-6 + Adds			313	10.5	2.64
Fresh Water			0	8.34	0
(35:65) + LW-6 + Adds			107	10.5	3.12
Available Mix Water 400 Bbl.		Available Displ. Fluid 400 Bbl.	TOTAL		
			452.63	92.80	
HOLE		TBG-CSG-D.P.			COLLAR DEPTHS
SIZE	% EXCESS	DEPTH	ID	OD	WGT.
8.75	35	6140	6.184	7	29
		CSG	6125	5808	P-110
		SHOE	6125	6084	0
LAST CASING		PKR-CMT RET-BR PL-LINER			PERF. DEPTH
ID	OD	WGT.	TYPE	MD	TVD
8.9	9.63	36	CSG	1600	1600
		BRAND & TYPE			DEPTH
		NO PACKER			0
		TOP			BTM
		0			0
		SIZE			THREAD
		7			8RND
		WATER BASED			9.3
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.
226	BBLS	Fresh Water	8.34	663	0
				OP. MAX	MAX TBG PSI
				SQ. PSI	RATED
				Operator	0
				MAX CSG PSI	RATED
				Operator	8976
				3000 RIG	
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: 9.3 LBS/GAL		Mud Density Out: 9.3 LBS/GAL		PV & YP Mud In: 8	
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>		Units:		PV & YP Mud Out: 8	
		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: 25		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	
Plug Catcher 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: 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 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 8.4 LBS/GAL Mud		Time Held: 00 Hours 15 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	EXPLANATION
	PIPE	ANNULUS				
						SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>
						TEST LINES 4085 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
23:00	0	0	0	0	0	ARRIVE ON LOCATION 112 MILES, RIG RUNNING CASING
02:00	0	0	0	0	0	PRE RIG UP SAFETY MEETING
03:15	0	0	0	0	0	PRE JOB MEETING
03:47	4085	0	0	0	H2O	PRESSURE TEST PUMPS AND LINES
03:55	450	0	3.5	20	H2O	ULTRA FLUSH SPACER @ 10.5#
04:15	500	0	4	147	LEAD	BATCH UP AND PUMP 313 SKS 35:65 POZ/G+.06#/SACK STATIC FREE+.1%R-3+46.46% LW-6+1.2%FL-25+.5%SMS+5%CSE-2@10.5#
05:01	200	0	3.5	60	TAIL	MIX AND PUMP 107 SKS 35:65 POZ/G+.06%STATIC FREE+54.44%LW-6+1.2%FL-25+.5%SMS+20%SILICA SAND+5%CSE- 2@10.5#
05:30	0	0	0	0	H2O	DROP PLUG
05:31	1630	0	6	140	H2O	START DISPLACEMENT
06:01	1644	0	4.8	60	H2O	SLOW RATE
06:17	1515	0	3.5	26	H2O	SLOW RATE
06:26	1900	0	0	0	H2O	BUMP PLUG @ 226 BBLs
06:28	0	0	0	0	H2O	CHECK FLOATS / 1 BBL BACK
06:30	1500	0	2	1	H2O	START CASING TEST
06:45	0	0	0	0	H2O	BLEED OFF CASING TEST
06:50	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	1900	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	40	453	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	