

CEMENT JOB REPORT



CUSTOMER WHITING PETROLEUM CORP		DATE 01-SEP-14		F.R. # 10011095607		SERV. SUPV. JOHN R WUDARCZYK	
LEASE & WELL NAME RAZOR #21C-0906 - API 05123395240000		LOCATION 21-10N-58W		COUNTY-PARISH-BLOCK Weld Colorado			
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Cade 23		TYPE OF JOB Intermediate			
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD
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.		PHYSICAL SLURRY PROPERTIES			
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS
Ultra Flush II Spacer				0	10.5	6.38	43.9
(35:65) + LW-6 + Adds				320	10.5	2.64	8.85
Fresh Water				0	8.34	0	0
(35:65) + LW-6 + Adds				103	10.5	3.12	10.48
Available Mix Water 500 Bbl.		Available Displ. Fluid 500 Bbl.		TOTAL		461.47	111.57
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD
8.75	25	6145	6.184	7	29	CSG	6129
						GRADE	SHOE
						P-110	6129
						6024	6084
						STAGE	0
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN	
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE	DEPTH
8.9	9.63	36	CSG	1744	1744	NO PACKER	0
						TOP	BTM
						0	0
						SIZE	THREAD
						7	8RND
						TYPE	WGT.
						WATER BASED	10.2
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED
226	BBLS	Fresh Water	8.34	682	0	0	0
						Operator	MAX CSG PSI
						8976	3000
						Operator	MIX WATER
							Rig Tank
Circulation Prior to Job							
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1			
Mud Density In: 10.2 LBS/G				Mud Density Out: 10.2 LBS/GAL			
PV & YP Mud In: 15				PV & YP Mud Out: 15			
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: 1.5 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 <input type="checkbox"/> UNABLE DUE TO STUCK PIPE							
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 48		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: 0			
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: 1500 PSI				With 8.34 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	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>
	PIPE	ANNULUS				TEST LINES 4017 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
15:55	0	0	0	0	NA	Arrive on Location (Rig Running Casing)
22:00	0	0	0	0	NA	Pre Rig-up Safety Meeting
23:20	0	0	0	0	NA	Pre Job Safety Meeting
00:00	419	0	1.3	2	H2O	Load Lines
00:04	4017	0	0	0	H2O	Pressure Test Pump and Lines
00:15	571	0	2.7	20	SPCR	Ultraflush Spacer (@ 10.5lbs)
00:30	1068	0	5	150	LEAD	Batch up and Pump (320sks 35/65 POZ G + .06lbs/sack Static Free + 0.1% R-3 + 46.46% LW-6 + 1.2% FL-25 + 0.5% SMS + 5% CSE-2 @ 10.5lbs)
01:24	445	0	5	58	TAIL	Mix and Pump (103 sks 35/65 POZ G + 0.06 lbs/sk Static Free + 54.44% LW-6 + 1.2% FL-25 + 0.5% SMS + 20% Silica Sand + 5% CSE-2 @ 10.5lbs)
01:55	0	0	0	0	H2O	Drop Plug
01:56	726	0	5	80	H2O	Start Displacement
02:12	1014	0	4	120	H2O	Slow Rate
02:42	1064	0	2.8	26	H2O	Slow Rate
02:50	1642	0	0	0	H2O	Bump Plug @ 226bbls
02:52	0	0	0	0	H2O	Check Floats 1.5bbls back
03:00	1550	0	1.3	1.5	H2O	Start Casing Test
03:15	0	0	0	0	NA	End Casing Test
03:20	0	0	0	0	NA	Post-job 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	1642	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	66	456	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



FLOW 1+2 (bpm)

0.0

Target Density (ppg)

8.35

C042

