

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	HANGER TYPES		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	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
Ultra Flush II Spacer								0	10.5	6.38	43.9	00:00	20	18.40
(35:65) + LW-6 + Adds								320	10.5	2.64	8.85	00:00	150.43	67.46
Fresh Water								0	8.34	0	0	00:00	233.78	
(35:65) + LW-6 + Adds								103	10.5	3.12	10.48	00:00	57.26	25.71
Available Mix Water <u>500</u> Bbl.				Available Displ. Fluid <u>500</u> Bbl.				TOTAL				461.47	111.57	
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
8.75	25	6145	6.184	7	29	CSG	6129	6024	P-110	6129	6084	0		
LAST CASING			PKR-CMT RET-BR PL-LINER				PERF. DEPTH		TOP CONN		WELL FLUID			
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
8.9	9.63	36	CSG	1744	1744	NO PACKER		0	0	0	7	8RND	WATER BASED	10.2
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER			
VOLUME	UOM	TYPE		WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator			
226	BBLS	Fresh Water		8.34	682	0	0	0	0	8976	3000	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: 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"/> RECIPROICATION <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

