

CEMENT JOB REPORT



CUSTOMER WHITING PETROLEUM CORP		DATE 11-AUG-14		F.R. # 10011090097		SERV. SUPV. STEPHEN J CARDOS								
LEASE & WELL NAME RAZOR #21C-0908 - API 05123395230000		LOCATION 21-10N-58W		COUNTY-PARISH-BLOCK Weld Colorado										
DISTRICT Brighton		DRILLING CONTRACTOR RIG #		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 Collar, Auto Fill, 7 - 8rd		N/A		0	0	N/A	0	0				
		Float Shoe 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				N/A				0	10.5	0	0	00:00	20	
(35:65) + LW-6 + Adds				N/A				320	10.5	2.64	8.85		150.43	67.46
Fresh Water				N/A				0	8.34	0	0	00:00	233.71	
(35:65) + LW-6 + Adds				N/A				103	10.5	3.12	10.48		57.26	25.71
Available Mix Water 300 Bbl.				Available Displ. Fluid 1000 Bbl.				TOTAL				461.39	93.17	
HOLE			TBG-CSG-D.P.							COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
8.75	36	6331.8	6.184	7	29	CSG	6331.8	6024	P-110	6213	6175	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	1700	1700	NO PACKER	0	0	0	7	8RND	WATER BASED	9.4	
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				
238	BBLS	Fresh Water	8.34	352	0	0	0	0	9960	4000	RIG TANK			
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 2			Circulation Rate: 6 BPM					
Mud Density In: 9.4 LBS/GAL Mud Density Out: 9.4 LBS/GAL						PV & YP Mud In: 0			PV & YP Mud Out: 0					
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: 2 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: 45		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: 1502 PSI With 9.4 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)
 GOT CEMENT BACK AFTER ABOUT 80 PUMPED. ABOUT 150 BBLs TO SURFACE

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 5100 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
02:00	0	0	0	0	N/A	LEAVE YARD	
04:30	0	0	0	0	N/A	ARRIVE ON LOCATION(RIGGING DOWN CASER)	
05:00	0	0	0	0	N/A	SPOT TRUCKS	
05:20	0	0	0	0	N/A	PRE RIG UP SAFETY MEETING	
06:35	0	0	0	0	N/A	SAFETY MEETING	
06:54	5100	0	0	0	H2O	PRESSURE TEST	
06:59	697	0	2.8	20	H2O	ULTRA FLUSH SPACER	
07:25	696	0	2.8	75	CMT	BATCH / WEIGH / PUMP 10.5 LB LEAD	
07:56	981	0	4.6	150	CMT	RATE CHANGE	
08:21	491	0	2.8	57	CMT	BATCH / WEIGH / PUMP 10.5 LB TAIL	
08:53	0	0	0	0	H2O	DOWN / RELEASE PLUG	
09:01	784	0	4.2	80	MUD	DISPLACEMENT	
09:23	513	0	2	186	MUD	DROP RATE	
10:11	816	0	3.6	238	H2O	INCREASE RATE	
10:38	2239	0	0	238	MUD	BUMP PLUG	
10:43	0	0	0	0	H2O	TEST FLOATS	
10:47	1502	0	0	0	H2O	CASING TEST(STARTING PRESSURE 1502,ENDING PRESSURE 1583)	
11:02	0	0	0	0	N/A	BLEED OFF JOB DONE	

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	2239	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	150	465	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

