

CEMENT JOB REPORT



CUSTOMER WHITING PETROLEUM CORP		DATE 25-SEP-13		F.R. # 10011015698		SERV. SUPV. JASON L SJOBERG	
LEASE & WELL NAME RAZOR #271-2214B - API 05123379490000		LOCATION 27-10N-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 Collar, Auto Fill, 7 - 8rd					
		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
Ultra Flush II Spacer		0		0	10.5	4.72	32.49
(35:65) Poz:G+LW6+.1%R3+1.2%FL25+.5%SMS+5%C		C0907613		307	10.5	2.64	8.86
Fresh Water		0		0	8.34	0	0
(35:65) Poz:G+LW6+1.2%FL25+.5%SMS+20%SS+5%		C0907613		114	10.5	3.12	10.49
Available Mix Water 400 Bbl.		Available Displ. Fluid 400 Bbl.		TOTAL		460.25	111.69
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD
8.75	0	6375	6.184	7	29	CSG	6359
				TVD	GRADE	SHOE	FLOAT
				6359	P-110	6359	6313
				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	1578	1578	No Packer	0
				TOP	BTM	SIZE	THREAD
				0	0	7	8 RND
				TYPE	WGT.	WATER BASED 10	
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
232.6	BBLS	Fresh Water	8.34	692	0	0	0
				Operator	RATED	Operator	MIX WATER
				8976	3000	Rig	
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: 10 LBS/GAL Mud Density Out: 10 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: 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: 49		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: 1527 PSI With 10 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)

Bulk truck broke down a few miles from location around 6:10. Mechanics were called and they fixed the problem (fuel pump fuse was shorting out.) Bulk truck back on location about 11:00.

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	4250 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
23:45	0	0	0	0	N/A	Yard Call	
03:05	0	0	0	0	N/A	Leave Yard	
06:30	0	0	0	0	N/A	Arrive on Location	
08:00	0	0	0	0	N/A	Spot Trucks/Pre Rig-up Safety Meeting	
09:10	0	0	0	0	N/A	Safety Meeting	
11:39	4250	0	0	0	H2O	Pressure Test Pump and Lines	
12:01	50	0	3.6	20	H2O	Preflush Ultraflush II @ 10.5#	
12:13	229	0	5	141	CMT	Batdh, Weigh, Pump 10.5 # (35:65) Poz:G+LW6+.1%R3+1.2%FL25+.5%SMS+5%CSE2	
12:45	178	0	5.1	76	CMT	Pump 10.5# (35:65) Poz:G+LW6+1.2%FL25+.5%SMS+20%SS+5%CSE2	
13:03	0	0	0	0	N/A	Drop Plug	
13:10	560	0	7.1	110	MUD	Displacement	
13:29	1171	0	6	70	MUD	Drop Rate	
13:43	1120	0	2	5	MUD	Drop Rate	
13:45	1349	0	4	49	MUD	Increase Rate	
13:54	1454	0	4	234	MUD	Bump Plug	
13:58	2169	0	0	0	N/A	Check Floats	
14:04	1527	0	0	0	N/A	Casing Test	
14:30	0	0	0	0	N/A	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	1454	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	54	485	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	