

CEMENT JOB REPORT



CUSTOMER WHITING OIL & GAS CORP XM		DATE 24-APR-14	F.R. # 10011062510		SERV. SUPV. ERIC S DEWIT	
LEASE & WELL NAME RAZOR #26L-3502B - API 05123379920000		LOCATION 26-10N-58W		COUNTY-PARISH-BLOCK Weld Colorado		
DISTRICT Brighton		DRILLING CONTRACTOR RIG # CADE 23		TYPE OF JOB Liner		

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
Dart For Plug Catcher, 4-1/2 In	Centralizer, with Pins, 4-1/2 in	Liner Packer	4992	4992	Liner	4992	4992
	Float Collar, Auto Fill, 4-1/2 - 8rd						
	Float Shoe 4-1/2 - 8rd						

MATERIALS FURNISHED BY BJ		LAB REPORT NO.	PHYSICAL SLURRY PROPERTIES						
			SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
50:50 + Adds			617	14.5	1.21	5.26		133.37	77.34
Fresh Water			0	8.34	0	0		152.2	
Ultraflush II			0	12	3.77	24.34		20	17.26
Fresh Water			0	8.34	0	0		10	
Available Mix Water 500 Bbl.		Available Displ. Fluid 500 Bbl.	TOTAL 315.57 94.61						

HOLE			TBG-CSG-D.P.				COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
6	15	12743	4	4.5	11.6	CSG	12750	5673	N-80	12750	12656	0
			3.34	4	14	DP	4978	4978				

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	WGT.
6.2	7	29	CSG	6047	5673	Liner	4992	0	0	2	1502	9.8

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				
152.2	BBLs	Fresh Water	8.34	793	0	0	0	0	0	6224	3500	Frac tank		

Circulation Prior to Job			
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		Circulation Time: 1	
Mud Density In: 9.8 LBS/GAL		Mud Density Out: 9.8 LBS/GAL	
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>		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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO		Were Returns Planned at Surface: <input checked="" type="checkbox"/> NO <input 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: 20	
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> MANIFOLD <input checked="" type="checkbox"/> NO MANIFOLD		Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID	

Plugs			
Number of Attempts by BJ: 0		Competition: 0	
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	
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 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: 0 PSI	With 0 LBS/GAL Mud	Time Held: 00 Hours 00 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	4526 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
05:51	0	0	0	0	N/A	Leave yard	
08:12	0	0	0	0	N/A	Arrive on location (119 Miles) Rig running drill pipe	
09:15	0	0	0	0	N/A	Spot trucks	
09:30	0	0	0	0	N/A	Pre rig up safety meeting	
12:15	0	0	0	0	N/A	Pre job safety meeting	
12:44	4526	0	0	0	H2O	Pressure test pumps and lines	
12:55	1054	0	3.4	10	H2O	Fresh water spacer	
13:10	903	0	3	20	H2O	Ultra flush weighted spacer @12 ppg	
13:27	1079	0	3.5	132	CMT	Batch, weigh, and pump cement slurry @14.5 ppg	
14:08	0	0	0	0	N/A	Release dart, wash up	
14:22	1187	0	4.8	20	H2O	Displace first 20 bbls with sugar water	
14:28	926	0	2.3	16	H2O	Drop rate to pick up wiper plug	
14:33	3203	0	2.3	10	H2O	Pick up wiper plug	
14:35	2135	0	5.9	6	H2O	Finish displacement	
14:36	1900	0	4.8	88	H2O	Drop rate	
14:55	1506	0	2.4	12	H2O	Drop rate	
15:00	2110	0	0	0	H2O	Bump plug	
15:04	0	0	0	0	N/A	Check floats, floats held	
15:17	0	2010	0	0	H2O	Pressure test backside	
15:34	1733	0	7.1	142	H2O	Roll 7" clean	
16:22	0	0	0	0	N/A	Shut down	
16:25	0	0	0	0	N/A	Pre rig down safety meeting	
17:45	0	0	0	0	N/A	Leave location	
21:45	0	0	0	0	N/A	Arrive back at the yard	

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	1506	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	5	456	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



Baker Hughes JobMaster Program Version 3.60

Job Number: 10011062510

Customer: Whiting

Well Name: Razor 26L-3502B

