

CEMENT JOB REPORT



CUSTOMER WHITING OIL & GAS CORP XM			DATE 19-MAY-14		F.R. # 10011068658			SERV. SUPV. FELIPE LANDA						
LEASE & WELL NAME RAZOR FEDERAL #26L-2303A - API 051233798900			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		
BJ Cement Plug, Rubber, Bottom 4-		Centralizer, with Pins, 4-1/2 in							Liner		4863	5600		
		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 FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
50:50 + Adds								670	14.5	1.21	5.27		144.3	83.78
Fresh Water									8.34				166.9	
Ultraflush II									12				20	
Fresh Water									8.34				10	
Available Mix Water 400		Bbl.		Available Displ. Fluid 400		Bbl.		TOTAL				341.2	83.78	
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
6		13750	4	4.5	11.6	CSG	13712	5600	L-80	13712	13652		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.	
6.2	7	29	CSG	5977	5600	LINER	4863	0	0	4	8RD	WATER BASED	10.6	
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			
166.9	BBLS	Fresh Water		8.34	1063	0	0	0	0	7780	6224	TANK		
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1				Circulation Rate: 3 BPM						
Mud Density In: 10.6 LBS/G				Mud Density Out: 10.6 LBS/GAL				PV & YP Mud In:			PV & YP Mud Out:			
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 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 checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Quantity:				Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID						
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> MANIFOLD <input checked="" type="checkbox"/> NO MANIFOLD														
Plugs														
Number of Attempts by BJ: 0				Competition:				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: 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)
GAS COMING TO SURFACE WHILE CIRCULATING

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
GAS COMING TO SURFACE WHILE PUMPING CEMENT, NONE WHILE DISPLACEMENT

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	4600 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
04:30	0	0	0	0	NA	YARD CALL	
09:30	0	0	0	0	NA	ARRIVE ON LOCATION (rig hanging liner)	
10:45	0	0	0	0	NA	SPOT TRUCKS/PRE RIG UP SAFETY MEETING	
11:35	0	0	0	0	NA	SAFETY MEETING	
11:54	2056	0	0	0	H2O	LOW PRESSURE TEST	
11:56	4600	0	0	0	H2O	HIGH PRESSURE TEST	
12:01	938	0	4.2	10	H2O	FRESH WATER	
12:10	791	0	3.1	20	H2O	ULTRAFLUSH II @ 12 PPG	
12:21	951	0	4.4	144	CEMENT	670 SACKS OF (50:50) POZ (FLY ASH) CLASS "G" CEMENT + 0.15% R-3 + 0.2% FL-63 + 0.2% CD-32 + 0.6% FL-52 + 3% BENTONITE + 0.2% BA-59 @ 14.5 PPG	
13:00	0	0	0	0	H2O	WASH PUMP AND LINES	
13:07	0	0	0	0	NA	DROP PLUG	
13:08	744	0	2.4	40	H2O	DISPLACE	
13:25	1985	0	4.8	90	H2O	RATE CHANGE	
13:45	1323	0	3.6	36	H2O	RATE CHANGE	
14:00	1633	0	3.6	0	H2O	BUMP PLUG @ 166 BBLS	
14:03	0	0	0	0	H2O	BLEED OFF PRESSURE/ CHECK FLOATS	
14:14	0	2082	1.5	1.5	H2O	TEST PACKER	
14:28	0	1980	0	0	H2O	END PACKER TEST	
14:34	1370	0	6.3	130	H2O	CIRCULATE WELL CLEAN	
15:10	0	0	0	0	NA	POST JOB RIG DOWN 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	1633	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	471	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	