

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 0512337989006		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	
50:50 + Addis				670	14.5	1.21	
Fresh Water					8.34		
Ultraflush II					12		
Fresh Water					8.34		
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
6		13750	4	4.5	11.6	CSG	13712 5600 L-80
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN	
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE	DEPTH
6.2	7	29	CSG	5977	5600	LINER	4863
						TOP	BTM
						0	0
						SIZE	THREAD
						4	8RD
						TYPE	WGT.
						WATER BASED	10.6
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
166.9	BBLS	Fresh Water	8.34	1063	0	0	0
						Operator	MAX CSG PSI
							RATED
							Operator
							MIX WATER
							TANK
Circulation Prior to Job							
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1			
Mud Density In: 10.6 LBS/G				Mud Density Out: 10.6 LBS/GAL			
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:			
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)
 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	