

CEMENT JOB REPORT



CUSTOMER WHITING OIL & GAS CORP XN				DATE 30-AUG-13		F.R. # 10011010558		SERV. SUPV. LANCE N WEBB			
LEASE & WELL NAME Razor 27L-3401B API 05123377300000				LOCATION 27-10N-58W				COUNTY-PARISH-BLOCK Weld Colorado			
DISTRICT Brighton				DRILLING CONTRACTOR RIG # Cade 21				TYPE OF JOB Intermediate			

SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD
7" Bot Cem Plug, Nitrile cvr, Phen		Centralizer, with Pins, 7 in									
		Float Collar, Auto Fill, 7 - 8rd									
		Guide Shoe, Texas-Notched 7 in									

PHYSICAL SLURRY PROPERTIES									
MATERIALS FURNISHED BY BJ		LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
Ultra Flush II Spacer		0	0	10.5	0	0	00:00	20	
(35:65) Poz:G+LW6+.1%R3+1.2%FL25+.5%SMS+5%G		0	325	10.5	2.64	8.86	00:00	152.79	68.60
Fresh Water		0	0	8.34	0	0	00:00	224	
(35:65) Poz:G+LW6+1.2%FL25+.5%SMS+20%SS+5%G		0	127	10.5	3.12	10.49	00:00	70.60	31.73

Available Mix Water		250	Bbl.	Available Displ. Fluid		250	Bbl.	TOTAL		467.39	100.33
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HOLE			TBG-CSG-D.P.							COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
8.75	0	6100	6.184	7	29	CSG	6078	5760	N-80	6078	6031	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	9.625	36	CSG	1574	1574	NO PACKER	0	0	0	7	8RD	WATER BASED ML	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	
224	BBLS	Fresh Water	8.34	1000	0	0	0	0	9960	7968	RIG

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: 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 3950 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
23:00	0	0	0	0	NA	ARRIVED ON LOCATION	
05:00	0	0	0	0	NA	SPOT TRUCKS	
06:15	0	0	0	0	NA	SAFETY MEETING	
06:38	3905	0	0	0	H2O	PSI TEST	
06:44	55	0	5	20	H2O	ULTRA FLUSH 2	
06:53	200	0	5	152	CMT	BATCH/WEIGH/PUMP LEAD CMT @ 10.5 PPG	
07:33	128	0	6	70	CMT	WEIGH/PUMP TAIL CMT @ 10.5 PPG	
07:46	0	0	0	0	H2O	SHUT DOWN DROP PLUG	
07:50	128	0	7	0	H2O	DISPLACEMENT	
08:05	450	0	5	100	H2O	CAUGHT CMT	
08:39	1850	0	3	214	H2O	SLOWED RATE	
08:45	2672	0	0	224	H2O	BUMPED PLUG FLOAT HELD FINAL LIFT 1980 PSI 30 BBLS CMT TO PIT	

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	1850	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	30	466	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	