

CEMENT JOB REPORT



CUSTOMER WHITING OIL & GAS CORP XN		DATE 10-FEB-14		F.R. # 10011045842		SERV. SUPV. JASON L SJOBERG	
LEASE & WELL NAME RAZOR #26K-3508B - API 05123378760000		LOCATION 26-10N-58W		COUNTY-PARISH-BLOCK Weld Colorado			
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Frontier 26		TYPE OF JOB Intermediate			
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD
7" Top Cem Plug, Nitrile cvr, Phen		Float Shoe 7 - 8rd					
		Float Collar, Auto Fill, 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 FT	WATER GPS
PLC + Adds				442	12.7	1.90	9.67
50:50 (Poz:Class G) + Adds				265	14.4	1.26	4.98
Fresh Water				0	8.34	0	0
SealBond Spacer				0	10.5	0	0
Available Mix Water 450 Bbl.		Available Displ. Fluid 450 Bbl.		TOTAL		465.53	133.21
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD
8.75	0	5995	6.184	7	29	CSG	5982
				TVD	GRADE	SHOE	FLOAT
				5982	L-80	5982	5938
				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	9.625	36	CSG	1550	1550	No Packer	0
				TOP	BTM	SIZE	THREAD
				0	0	7 8 RND	WATER BASED ML
				WGT.	10.3		
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
236.3	BBLS	Fresh Water	8.34	925	0	0	0
				MAX CSG PSI	Operator	RATED	Operator
				6528	3000		Frac Tank
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 4118 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
12:45	0	0	0	0	N/A	Yard Call	
17:30	0	0	0	0	N/A	Leave Yard	
20:20	0	0	0	0	N/A	Arrive on Location	
05:30	0	0	0	0	N/A	Spot Trucks/Pre Rig-up Safety Meeting	
07:00	0	0	0	0	N/A	Safety Meeting	
07:45	4118	0	0	0	H2O	Pressure Test Pump and Lines	
07:51	574	0	5	10	H2O	Preflush Fresh Water	
08:00	500	0	4.7	20	H2O	Preflush Sealbond Spacer	
08:07	810	0	6	145	CMT	Batch, Weigh, Pump 12.7# PLC + .7% FL-25 + .2% ASA-301 + 6% Bentonite II	
08:50	209	0	4.3	61	CMT	Pump 14.4# 50:50 Poz G + .2% CD-32 + .5% FL-52 + .3% SMS + 2% Bentonite II	
09:09	0	0	0	0	N/A	Drop Plug	
09:18	142	0	6	140	MUD	Displacement	
09:48	1138	0	4.8	65	MUD	Drop Rate	
10:03	1638	0	3.6	15	MUD	Drop Rate	
10:09	1752	0	3.6	220	MUD	Bump Plug	
10:14	2339	0	0	0	N/A	Check Floats	
10:20	1494	0	0	0	MUD	Casing Test	

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	PIPE	ANNULUS				TEST LINES 4118 PSI	
10:45	0	0	0	0	N/A	CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
Post Job Safety Meeting							
BUMPED PLUG <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 1752	TEST FLOAT EQUIP. <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 70	TOTAL BBL. PUMPED 484	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input checked="" type="checkbox"/> N	SERVICE SUPERVISOR SIGNATURE: