

CEMENT JOB REPORT



CUSTOMER WHITING OIL & GAS CORP XM		DATE 01-SEP-13	F.R. # 10011010973		SERV. SUPV. VITALIJS A NEVERDASOV		
LEASE & WELL NAME RAZOR #27K-3407A - API 05123367730000		LOCATION 27-10N-58W		COUNTY-PARISH-BLOCK Weld Colorado			
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Cade 23		TYPE OF JOB Intermediate			
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD TVD	
Cement Plug, Rubber, Top 7 in		Float Shoe 7 - 8rd		NONE		0 0	
		Float Collar, AI Flap, 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	
Ultra Flush II Spacer		N/A		0	10.5	0	
(35:65) Poz:G+LW6+.1%R3+1.2%FL25+.5%SMS+5%CS		N/A		307	10.5	2.64	
Fresh Water		N/A		0	8.34	0	
(35:65) Poz:G+LW6+1.2%FL25+.5%SMS+20%SS+5%CS		N/A		107	10.5	3.12	
Available Mix Water 800 Bbl.		Available Displ. Fluid 600 Bbl.		TOTAL		452.65	
						91.53	
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD TVD GRADE
8.75	35	6265	6.184	7	29	CSG	6250 6250 P-110
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	1577	1577	NO PACKER	0 0 0 7 8RND WATER BASED ML 9.7
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
230.5	BBLS	Fresh Water	8.34	258	0	0	0 0 5792 3000 RIG 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 4046 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
17:10	0	0	0	0	N/A	LEAVE YARD	
19:20	0	0	0	0	N/A	ARRIVE LOCATION	
23:08	0	0	0	0	N/A	SPOT TRUCKS	
23:15	0	0	0	0	N/A	PRE RIG UP SAFETY MEETING	
23:55	0	0	0	0	N/A	PRE JOB SAFETY MEETING	
00:27	26	0	1	1	H2O	LOAD LINES	
00:30	4046	0	2	.1	H2O	PRESSURE TEST	
00:34	306	0	4.8	20	H2O	PUMP FRESH WATER + DYE (PER CUSTOMER)	
00:44	153	0	2.6	19.5	H2O	PUMP ULTRA FLUSH SPACER @ 10.5 PPG	
00:53	635	0	6.3	157	CMT	PUMP 35:65 POZ CLASS G CEMENT + 0.06 LBS/SACK STATIC FREE + 0.1 % R-3 + 46.46% LW-6 + 1.2% FL-52 + 0.5% SMS + 5% CSE-2	
01:22	255	0	5.8	66.1	CMT	PUMP 35:65 POZ CLASS G CEMENT+ .06 LBS/SACK STATIC FREE + 54.44 % LW-6 + 1.2% FL-25 + .5% SMS + 20% SILICA SEND, 100 MESH, SACKED + 5% CSE-2	
01:35	0	0	0	0	N/A	SHUT DOWN/ DROP PLUG	
01:40	713	0	6	110	MUD	DISPLACEMENT	
02:24	1040	0	4.8	90	MUD	SLOW RATE	
02:28	830	0	3	31	MUD	SLOW RATE	

CEMENT JOB REPORT



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	4046 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
02:34	1650	0	0	231	N/A	BUMP PLUG	
02:38	0	0	0	0	N/A	CHECK FLOATS/FLOATS HELD	
02:42	1527	0	1.3	1	MUD	CASING TEST	
02:12	0	0	0	0	N/A	BLEED OFF	
02:20	0	0	0	0	N/A	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	500	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	15	494.6	0	Y <input checked="" type="checkbox"/> N	