

CEMENT JOB REPORT



CUSTOMER CARRIZO OIL & GAS		DATE 12-AUG-12	F.R. # 1001928730		SERV. SUPV. STEPHEN J CARDOS	
LEASE & WELL NAME HEMBERGER 2-25-34-8-60 - API 05123344040000		LOCATION 25-8N-60W		COUNTY-PARISH-BLOCK Weld Colorado		
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Xtreme #19		TYPE OF JOB Surface		

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
9-5/8" Top Cem Plug, Nitrile cvr, Phe	Cement Basket, Slip On, 9-5/8 in						
	Float Shoe 9-5/8 - 8rd						
	Float Collar, Auto Fill, 9-5/8 - 8rd						
	Centralizer, with Pins, 9-5/8 in						

MATERIALS FURNISHED BY BJ	LAB REPORT NO.	PHYSICAL SLURRY PROPERTIES						
		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
Fresh Water + 2 lbs Red Dye	N/A	0	8.34	0	0	00:00	15	
Type III Cement + adds	N/A	138	14.5	1.40	6.81	00:00	34.45	22.37
Premium Lite Cement + adds	N/A	417	13	1.77	9.20	00:00	131.26	91.34
Fresh Water	N/A	0	8.34	0	0	00:00	108.23	

Available Mix Water	500	Bbl.	Available Displ. Fluid	300	Bbl.	TOTAL	288.95	113.71
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HOLE			TBG-CSG-D.P.							COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
12.25	100	1440	8.921	9.625	36	CSG	1440	1440	J-55	1410	1364	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.
15.	16	65	CSG	70	70	NO PACKER	0	0	0	9.625	8RND	WATER BASED MU	8.4

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	
105.4	BBSL	Fresh Water	8.34	348	0	0	0	0	2816	2000	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	3696 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
00:30	0	0	0	0	N/A	ARRIVE ON LOCATION	
06:30	0	0	0	0	N/A	SPOT TRUCKS	
06:40	0	0	0	0	N/A	PRE RIG UP SAFETY MEETING	
07:30	0	0	0	0	N/A	SAFETY MEETING	
08:05	3696	0	0	0	H2O	PRESSURE TEST	
08:10	180	0	4.6	20	H2O	FRESH WATER SPACER	
08:15	190	0	5.6	10	H2O	DYED WATER SPACER	
08:17	436	0	7.3	129	CMT	BATCH/WEIGH/PUMP 13.0 LB CMT	
08:40	335	0	5.6	34	CMT	BATCH/WEIGH/PUMP 14.5 LB CMT	
08:49	0	0	0	0	N/A	DOWN/DROP PLUG	
08:51	301	0	7.2	70	H2O	DISPLACE	
08:55	424	0	5.6	10	H2O	DROP RATE	
08:56	474	0	4	15	H2O	DROP RATE	
09:07	520	0	3.6	11	H2O	DROP RATE	
09:10	574	0	0	0	H2O	DOWN/BUMP PLUG	
09:15	0	0	0	0	H2O	TEST FLOATS/BLEED OFF	

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	PIPE	ANNULUS				TEST LINES	3696 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
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	574	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	60	296	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	