



02054480

## CEMENT JOB REPORT



CUSTOMER Berry Petroleum Company		DATE 24-AUG-10	F.R. # 1001672129	SERV. SUPV. DELBERT S GALLEGOS			
LEASE & WELL NAME LONG RIDGE #01B M15 595 - API 05045130960000		LOCATION 15-5S-95W		COUNTY-PARISH-BLOCK Garfield Colorado			
DISTRICT Grand Junction		DRILLING CONTRACTOR RIG #		TYPE OF JOB Surface			
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES			
BJ Cement Plug, Rubber, Top 9-5/8   Float Shoe 9-5/8 - 8rd		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sup>3</sup>	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY
MATERIALS FURNISHED BY BJ							Bbl MIX WATER
Fresh Water			8.4				20
35/65+.04lbsStatic+.25lbsFlake+2lbskolseal+3%A-10		562	11.5	2.88	16.86	04:20	288.25
6%bentonite+FP-13L		0	11.5	2.88	16.86	04:20	0
35/65+.04lbsStatic+.25lbsFlake+2lbskolseal+5%A-10		1,000	11.6	2.81	16.15	03:13	500.46
5%SMS+FP-13L		0	11.6	2.81	16.15	03:13	0
Type III+.04lbsStatic+FP-13L		200	14.2	1.46	7.33	01:51	52
Fresh Water			8.34				267
same as 2nd lead slurry		428	11.6	2.81	16.15	03:13	214
Available Mix Water 1000 Bbl. Available Displ. Fluid 1000 Bbl.		TOTAL				1341.71	809.44
HOLE		TBG-CSG-D.P.			COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE
16	50	3500	9.625	36	CSG	3065	
LAST CASING		PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE	TOP	BTM	WELL FLUID
20	52.73		100		9.625	8RND	WATER BASED MU
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
233	BBLs	Fresh Water	8.34	1000	0	0	0
							3520
							2816
							Frac Tank

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:

PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE		
	PIPE	ANNULUS					
						SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
						TEST LINES 3500 PSI	
						CIRCULATING WELL - RIG <input type="checkbox"/> BJ <input type="checkbox"/>	
09:15						pre job safety meeting	
09:30						leave yard for location	
12:00						arrive to locatoin	
12:15						tailgate meeting	
01:30						spot trucks and rig iron and hoses	
15:30						pre-job safety meeting	
15:45						rig lines to casing	
16:05	3800	0	.5	2	WATER	pressure test lines to 3500psi	
16:10	100	0	5.2	20	WATER	pump 20bbls fresh water spacer	
16:17					CEMENT	batch up lead slurry 1 to 11.5ppg weigh on scales	
16:20	120	0	3.4	3	CEMENT	start downhole with cement	
16:31	221	0	5.1	50	CEMENT	rate pressure	
16:40	209	0	5.4	100	CEMENT	rate pressure	
16:49	210	0	5.2	150	CEMENT	rate pressure	
16:59	205	0	5.2	200	CEMENT	rate pressure	
17:08	213	0	5.4	250	CEMENT	rate pressure	
17:18	218	0	5.1	277	CEMENT	end lead slurry 1 start lead slurry 2	
17:28	218	0	5.1	50	CEMENT	rate pressure	
17:37	221	0	5.3	100	CEMENT	rate pressure	

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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	3500 PSI
						CIRCULATING WELL - RIG	BJ
17:46	279	0	6.1	150	CEMENT	rate pressure	
17:54	280	0	6.1	200	CEMENT	rate pressure	
18:03	221	0	5.3	250	CEMENT	rate pressure	
18:13	219	0	5.4	300	CEMENT	rate pressure	
18:26	229	0	5.2	350	CEMENT	rate pressure	
18:35	235	0	5.1	400	CEMENT	rate pressure	
18:45	213	0	5.2	450	CEMENT	rate pressure	
18:50	134	0	3.4	500	CEMENT	end lead slurry 2 start tail slurry	
18:58	127	0	3.3	15	CEMENT	52bbsl tail @ 14.2ppg	
19:07	0	0	0	53	CEMENT	end tail	
19:10	150	0	7.9	5	WATER	drop top plug/start displacement	
19:17	165	0	7.9	50	WATER	rate pressure 233bbls displacement	
19:23	195	0	7.9	100	WATER	rate pressure	
19:29	276	0	7.8	150	WATER	rate pressure caught cement	
19:36	453	0	6.5	200	WATER	rate pressure	
19:43	895	0	0	233	WATER	bumped plug to 895 psi hold for 2minutes	
19:45	0	0	0			bleed of pressure float held	
19:47	134	0	1.5	20	WATER	pump 20bbls down parasite line	
						wait for rig to put on bop then top out	
22:35	100	0	1.5	5	CEMENT	11.6ppg pump until cement to surface	
23:08	102	0	1.5	50	CEMENT	rate pressure	
23:50	103	0	1.5	100	CEMENT	rate pressure	
00:30	100	0	1.5	150	CEMENT	rate pressure	
01:00	102	0	1.5	177	CEMENT	cement to surface/ wait for cement to fall back	
						then top out well	
03:00	100	0	1.5	37	CEMENT	pump 37bbls to top out well	
04:00						cement is holding at surface endjob.	

  

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	895	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	1297	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

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