



02054363

## CEMENT JOB REPORT



CUSTOMER Berry Petroleum Company		DATE 03-JUN-10	F.R. # 652010012	SERV. SUPV. DELBERT S GALLEGOS	
LEASE & WELL NAME CHEVRON #31-6D - API 05045157030000		LOCATION 31-5S-96W		COUNTY-PARISH-BLOCK Garfield Colorado	
DISTRICT Grand Junction		DRILLING CONTRACTOR RIG # Patterson 302		TYPE OF JOB Surface	
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES	
9-5/8" Top Cem Plug, Nitrile cvr, Phe		Float Collar 9-5/8 - 8rd		SACKS OF CEMENT	SLURRY WGT PPG
		Guide Shoe, Cement Nose, 9-5/8 in		SLURRY YLD FT <sup>3</sup>	WATER GPS
				PUMP TIME HR:MIN	Bbl SLURRY
					Bbl MIX WATER
MATERIALS FURNISHED BY BJ					
Fresh Water		0	8.34	0	00:00
PL+.04lbs/skSF+1%CaCl <sub>2</sub> +8%Bentonite		1,094	12.3	2.09	03:55
Type III+.04lbs/skSF+1%CaCl <sub>2</sub>		100	14.2	1.47	01:51
Water		0	8.34	0	00:00
Available Mix Water 800 Bbl.		Available Displ. Fluid 800 Bbl.		TOTAL	627.22 320.23
HOLE		TBG-CSG-D.P.		COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	SIZE	WGT.	DEPTH
16	15	2335	9.625	36 CSG	2310 J-35
LAST CASING		PKR-CMT RET-BR PL-LINER		TOP CONN	
SIZE	WGT	DEPTH	BRAND & TYPE	PERF. DEPTH	WELL FLUID
20	52.73 CSG	100	no packer	0 0	8RD WATER BASED MU
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.
176.2	BBLS	Water	8.34	500	0
				OP. MAX	MAX TBG PSI
				SQ. PSI	RATED
				Operator	Operator
				3520	2816
				rig 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	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES 3500 PSI	
						CIRCULATING WELL - RIG	BJ
17:15	0	0	0	0	0	convoy/Safety meeting	
17:30						leave yard for location	
19:30						arrive to location	
19:40						spot trucks and rig up meeting	
19:50						spot trucks and start rigging iron and lines	
21:30						prejob safet meeting	
21:45						rig lines to casing	
22:05	3500		.5	2		pressure test lines to 3500psi	
22:20	234	0	4.8	20	WATER	20bbbls fresh water spacer	
22:24	263	0	4.8	2	CEMENT	weigh on mud scales	
22:25	252	0	4.8	5	CEMENT	start downholes with cement 407bbbls @12.3ppg	
22:34	251	0	4.8	50	CEMENT	rate pressure	
22:45	250	0	4.8	100	CEMENT	rate pressure	
22:55	275	0	4.8	150	CEMENT	rate pressure	
23:05	271	0	4.8	200	CEMENT	rate pressure	
23:16	269	0	4.8	250	CEMENT	rate pressure	
23:26	301	0	4.8	300	CEMENT	rate pressure	
23:37	249	0	4.8	350	CEMENT	rate pressure	
23:44	124	0	2.4	394	CEMENT	end lead start tail 49bbbls @14.2ppg	
23:48	125	0	2.4	10	CEMENT	rate pressure	
23:52	119	0	2.4	20	CEMENT	rate pressure	
23:58	0	0	0	26	CEMENT	end tail cement	
23:58	0	0	0	0	WATER	drop top plug	
00:00	77	0	2.4	2	WATER	start displacement 176.2 bbbls	

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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 <input type="checkbox"/>
00:03	78	0	6.5	30	WATER	rate pressure	
00:08	100	0	6.5	60	WATER	rate pressure	
00:12	124	0	6.5	90	WATER	rate pressure	
00:17	225	0	6.5	120	WATER	rate pressure	
00:21	346	0	6.5	150	WATER	rate pressure	
00:23	269	0	4.3	160	WATER	rate pressure	
00:26	771	0	2.1	176	WATER	bump plug to 771psi hold for 5 minutes	
00:30	0	0	0		WATER	bled off pressure float held	
00:35						rig down lines and switch over to parasite line	
00:45	400	0	2.1	20	WATER	pump 20bbbls sugar water down parasite	
00:55						wait 4 hours to pump 1st top out	

  

BUMPED PLUG <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 771	TEST FLOAT EQUIP. <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 616	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	SERVICE SUPERVISOR SIGNATURE: 
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TOP OUT

## CEMENT JOB REPORT



CUSTOMER Berry Petroleum Company		DATE 03-JUN-10	F.R. # 527010174	SERV. SUPV. DELBERT S GALLEGOS	
LEASE & WELL NAME CHEVRON #31-6D - API 05045157030000		LOCATION 31-5S-96W		COUNTY-PARISH-BLOCK Garfield Colorado	
DISTRICT Grand Junction		DRILLING CONTRACTOR RIG # Patterson 302		TYPE OF JOB Surface	
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES	
none		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sup>3</sup>	WATER GPS
					PUMP TIME HR:MIN
MATERIALS FURNISHED BY BJ					Bbl SLURRY
Type III + 2% CACL + 10% A-10 + .04 lbs Static		420	14.2	1.47	7.35 00:45
Available Mix Water 800 Bbl. Available Displ. Fluid 800 Bbl.		TOTAL			110 73.53
HOLE		TBG-CSG-D.P.		COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE
16" 14.75	35	2310	9.625	36	CSG
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH	
SIZE	WGT	TYPE	DEPTH	TOP	BTM
				0	0
TOP CONN		WELL FLUID			
SIZE	THREAD	TYPE	WGT.		
	2 1502				
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.
2	BBLS			0	0
CAL. MAX PSI		OP. MAX		MAX TBG PSI	
				MAX CSG PSI	
				MIX WATER	
				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	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>
	PIPE	ANNULUS				
00:30						wait 4 hours to start 1st top out
04:30						Start batching up cement @ 14.2ppg
04:37	125	0	2.4	2	CEMENT	start downhole with cement
04:41	120	0	2.4	10	CEMENT	rate pressure
04:45	123	0	2.4	20	CEMENT	rate pressure
04:49	119	0	2.4	30	CEMENT	rate pressure
04:53	109	0	2.4	40	CEMENT	rate pressure
04:58	110	0	2.4	51	CEMENT	end cement No cement to surface 195sks
05:00						wash up to pit/wait 2hrs for next topout
07:00						batch up cement
07:05	109	0	2.4	3	CEMENT	start downhole with cement
07:09	110	0	2.4	10	CEMENT	rate pressure
07:13	112	0	2.4	20	CEMENT	rate pressure
07:17	110	0	2.4	30	CEMENT	rate pressure
07:21	109	0	2.4	40	CEMENT	rate pressure
07:25	0	0	0	50	CEMENT	end cement NO cement to surface
07:30						wait 2hrs for next top out 190sks
09:50						batch up cement
09:55	109	0	2.4	2	CEMENT	start cement downhole
10:00	0	0	0	9	CEMENT	Cement to surface shut down 35sks
10:00						wash lines to pit and flush cement line with water
10:00						we will watch cement for about 1 1/2 hrs to
						ensure cement does not fall back if it does we
						will top out again and wait an additional 2hrs.
11:30						cement still at surface
						have pre-rig down meeting
12:00						rig down pump and lines.

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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	500 PSI
						CIRCULATING WELL - RIG <input 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	SERVICE SUPERVISOR SIGNATURE:	
Y <input type="checkbox"/> N <input checked="" type="checkbox"/>		Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	2	110	0		
						<div style="border: 1px solid black; padding: 5px; text-align: center;"> <b>RECEIVED</b>  JUN 03 2010  <b>COGCC</b> </div>	