



02054308

CEMENT JOB REPORT



MAR 31 2010

COGCC

CUSTOMER	Berry Petroleum Company	DATE	29-MAR-10	F.R. #	1001590450	SERV. SUPV.	JOSE E CARCAMO
LEASE & WELL NAME	CHEVRON #20-31D - API 05045140450000	LOCATION	Carfield Colorado		COUNTY-PARISH-BLOCK	MAR 31 2010	
DISTRICT	Grand Junction	DRILLING CONTRACTOR RIG #			TYPE OF JOB	Surface	

SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES					Bbl SLURRY	Bbl MIX WATER
BJ Cement Plug, Rubber, Top 9-5/8		Float Collar, AI Flap, 9-5/8 - 8rd		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN		
MATERIALS FURNISHED BY BJ										
Fresh Water					8.4				20	
(35:65) poz (fly ash) type III cmt+.04 lbs/sk				1,187	12.3	2.09	11.62	03:55	441.35	328.46
static free+1% CaCl ₂ +.25 lbs/sk cello				0	12.3	2.09	11.62	03:55	0	0
flake+.5 gals/100 sks FP-13L+8% bentonite II				0	12.3	2.09	11.62		0	0
type III cmt+.05 lbs/sk static free+1% CaCl ₂ +.25				100	14.2	1.47	7.34	01:51	26	17.36
cello flake +1 gals /100 sks FP-13L				0	14.2	1.47	7.34		0	0
WATER					8.34				175.5	
Available Mix Water	800	Bbl.	Available Displ. Fluid	800	Bbl.	TOTAL			662.85	345.82

HOLE			TBG-CSG-D.P.				COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
16		2356	9.625	36	CSG	2300				
			9.625	36	CSG	2330	J-55			

LAST CASING				PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN		WELL FLUID	
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
20	52.73		100					9.625	8 RD	WATER BASED MU	8.7

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	
177	BBLS	WATER	8.34	460		0	0	0	3220	1500	UP RIGHTS

Circulation Prior to Job

Circulated Well:	Rig	<input checked="" type="checkbox"/> BJ	Circulation Time:	Circulation Rate:	BPM
Mud Density In:	8.7 LBS/GAL	Mud Density Out:	8.7 LBS/GAL	PV & YP Mud In:	PV & YP Mud Out:
Gas Present:	NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>	Units:	Solids Present at End of Circulation:	NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>	

Displacement And Mud Removal

Displaced By:	Rig	<input type="checkbox"/> BJ	Amount Bled Back After Job:	2 BBLS
Returns During Job:	<input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FULL	Method Used to Verify Returns:	VISUAL	
Cement Returns at Surface:	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Were Returns Planned at Surface:	<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	
Pipe Movement:	<input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROCATION <input type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE			
Centralizers:	<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	Quantity:	Type:	<input type="checkbox"/> BOW <input type="checkbox"/> RIGID
Job Pumped Through:	<input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input checked="" type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD			

Plugs

Number of Attempts by BJ:	Competition:	Wiper Balls Used:	<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	Quantity:
Plug Catcher Used:	<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	Parabow Used:	<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	
Was There a Bottom:	<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	Top of Plug:	FT	Bottom of Plug:

Squeezes (Update Original Treatment Report for Primary Job)

BLOCK SQUEEZE	<input type="checkbox"/>	SHOE SQUEEZE	<input type="checkbox"/>	TOP OF LINER SQUEEZE	<input type="checkbox"/>	PLANNED	<input type="checkbox"/>	UNPLANNED	<input type="checkbox"/>
Liner Packer:	<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	Bond Log:	<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	PSI Applied:		Fluid Weight:	LBS/GAL		

Casing Test (Update Original Treatment Report for Primary Job)

Casing Test Pressure:	PSI	With	LBS/GAL	Mud	Time Held:	Hours	Minutes
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EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE

CEMENT JOB REPORT



Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: FT Target EMW: LBS/GAL Actual EMW: LBS/GAL
 Number of Times Tests Conducted: Mud Weight When Test was Conducted: LBS/GAL

Problems Before Job (I.E. Running Casing, Circulating Well, ETC)

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)

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 type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES 4482 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
04:40						PRE CONVOY SAFETY MEETING	
05:05						LEAVE YARD	
08:30						ARRIVED ON LOCATION	
11:10						SPOT EQUIPMENT	
11:20						PRE RIG UP SAFETY MEETING	
13:00						PRE JOB SAFETY MEETING	
13:26						START JOB	
13:27	4482				WATER	PRESSURE TEST LINES	
13:31	64		2.8	20	WATER	PUMP SPACER AHEAD	
13:40	280		4.9	16	CEMENT	PUMP CEMENT SLURRY LEAD	
13:49	265		4.9	29	CEMENT	PUMP CEMENT SLURRY	
14:03	256		5.2	120	CEMENT	PUMP CEMENT SLURRY	
14:13	257		5.2	175	CEMENT	PUMP CEMENT SLURRY	
14:37	147		5.2	300	CEMENT	PUMP CEMENT SLURRY	
15:00	181		5.2	375	CEMENT	PUMP CEMENT SLURRY	
15:19	128		2.8	470	CEMENT	PUMP CEMENT SLURRY LEAD	
15:20	228		4.7	5	CEMENT	PUMP CEMENT SLURRY TAIL	
15:23	128		2.8	20	CEMENT	PUMP CEMENT SLURRY TAIL	
15:26	129		2.8	28.7	CEMENT	PUMP CEMENT SLURRY TAIL	
15:26						SHUT DOWN	
15:30	142		5.2	10	WATER	DROP PLUG /PUMP DISPLACEMENT	
15:37	131		5.2	40	WATER	PUMP DISPLACEMENT	
15:44	129		5.2	80	WATER	PUMP DISPLACEMENT	
15:48	97		5.2	100	WATER	PUMP DISPLACEMENT	
15:56	137		5.2	140	WATER	PUMP DISPLACEMENT	
15:58	116		2.3	150	WATER	SLOW RATE ON DISPLACEMENT	
16:07	156		2.1	170	WATER	PUMP DISPLACEMENT	
16:09	1201		2.1	177	WATER	BUMP PLUG	
16:16						CHECK FLOATS / FLOATS HELD	
16:16						2 BBLs BACK	
16:38						PUMP SUGAR WATER THROUGH PARASITE	
						STRING	
16:45				11		SHUT DOWN / END JOB	
17:00						POST JOB 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	1201	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	706	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

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CUSTOMER Berry Petroleum Company		DATE 30-MAR-10		F.R. # 647310008		SERV. SUPV. JOSE E CARCAMO	
LEASE & WELL NAME CHEVRON 20-31D		LOCATION		COUNTY-PARISH-BLOCK Garfield Colorado			
DISTRICT Grand Junction		DRILLING CONTRACTOR RIG # PATTERSON 302		TYPE OF JOB TOP OUT Misc Pump - Misc			
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES			
9-5/8" Bot Cem Plug, Nitrile cvr, Phe		Float Collar, AI Flap, 9-5/8 - 8rd		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS
							PUMP TIME HR:MIN
							Bbl SLURRY
							Bbl MIX WATER
MATERIALS FURNISHED BY BJ							
Type III cmt + 2% CaCl ₂ +10% A-10+.04 lbs/sk static		400		14.2	1.61	7.35	114.6
free + .05 gals/100sks FP-13L		0		14.2	1.61	7.35	0
Type III cmt +2% CaCl ₂ +10% A-10+.04 lbs/sk static		300		13	2.03	11.03	144.6
free + .05 gals/sks FP-13L		0		13	2.03	11.03	0
WATER				8.34			16
Available Mix Water 800 Bbl.		Available Displ. Fluid 800 Bbl.		TOTAL		275.2	174.98
HOLE		TBG-CSG-D.P.		COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE
16		2356	9.625	36	CSG	2330	J-55
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN	
SIZE	WGT	TYPE	DEPTH	TOP	BTM	SIZE	THREAD
						9.625	8 RD
						WELL FLUID	
						TYPE	
						WGT.	
						8.7	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI		CAL. MAX PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED
16	BBLs	WATER	8.34	1201	0	0	0
						MAX TBG PSI	
						MAX CSG PSI	
						Operator	
						Operator	
						3220	
						1500	
						MIX WATER	
						UP RIGHTS	
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 type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES 4482 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ	
20:11						START 1ST TOP OUT	
20:12	117		2.8	57	CEMENT	PUMP TOP OUT CEMENT	
						14.2 PPG / 1.47 YLD / 7.35 GALS / SK H2O	
						2 YARDS OF GRAVEL , 1 50 LBS BAG OF CaCl ₂	
						1 BG OF POLY SWELL.	
20:36	81		2.4	4	WATER	PUMP SPACER BEHIND	
20:40						SHUT DOWN END 1ST TO POUT	
01:05						START 2ND TOP OUT	
01:06	108		2.4	57	CEMENT	PUMP TOP OUT CEMENT	
						14.2PPG / 1.47 YLD / 7.35 GALS / SK H2O	
						2 YARDS OF GRAVEL , 1 50LBS BAG OF CaCl ₂	
						1 BAG OF POLY SWELL	
01:30	67		2.4	4	WATER	PUMP SPACER BEHIND	
05:51						START 3RD TOP OUT	
05:51	67		2.4	72	CEMENT	PUMP CEMENT SLURRY	
						13 PPG / 2.03 YLD / 11.03 GALS / SK H2O	
						2 YRDS OF GRAVEL , 1 50LBS CaCl ₂ , 1 BAG OF POLY SWELL	
06:16	59		2.4	4	WATER	PUMP SPACER BEHIND	
06:20						SHUT DOWN END 3RD T.O	
09:00						START 4TH TOP OUT	
09:01	86		2.2	31	CEMENT	PUMP TOP OUT CEMENT SLURRY	

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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 type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	4482 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
						2 YRDS OF GRAVEL , 1 50 LBS CaCl2, 1 BAG	
						OF POLY SWELL	
09:31						SHUT DOWN / CEMENT TO SURFACE	
						HAD TO WAIT ABOUT 1 HRS TO TOP IT OFF	
						IT DROPPED ABOUT 5 FT	
11:04						TOP OFF P&A ON CHEVRON 20-30D] DIFFERENT WELL
	55		2.4	3	CEMENT	PUMP TOP OUT CEMENT	
11:07						SHUT DOWN	
11:11						START TOP OUT CEMENT ON CHEVRON	
	50		2.4	2	CEMENT	20-31D	
11:15						SHUT DOWN / WASH LINES	
						2 BBLs OF CEMENT TO THE THE PIT	
11:30						POST JOB SAFETY MEETING	
11:45						START TO RIG DOWN	
13:30						CONVOY SAFETY MEETING	
14:00						DEPART LOCATION	

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	1201	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	2	309	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

