



CEMENT JOB REPORT



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CUSTOMER Berry Petroleum Company		DATE 23-JUL-10	F.R. # 1001653214	SERV. SUPV. FRANCISCO CASTILLO	
LEASE & WELL NAME LR 13A 045-13095		LOCATION		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	
9-5/8" Top Cem Plug, Nitrile cvr, Phe		Float Collar, Ball Valve, 9-5/8 - 8rd		SACKS OF CEMENT	SLURRY WGT PPG
		Float Shoe 9-5/8 - 8rd		SLURRY YLD FT ³	WATER GPS
				PUMP TIME HR:MIN	BBL SLURRY
					BBL MIX WATER
MATERIALS FURNISHED BY BJ					
Fresh Water				0	8.34
PL+.04lbsSF+.25lbsCF+2lbsKS+3%A-10+10lbsCSE-2+6%Be				562	11.5
PL+.04lbsSF+.25lbsCF+2lbsKS+5%A-10+5%SMS				1,000	11.6
Typell+.04lbs/sk Static Free				200	14.2
Fresh Water				0	8.34
Available Mix Water 800 Bbl.		Available Displ. Fluid 800 Bbl.		TOTAL	
				1127.6	644.93

HOLE			TBG-CSG-D.P.				COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
16	50	3500	9.625	36	CSG	3328	J-55	3328	3281	0
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
20	52.73	CSG	100	no packer			0	0	9.625	8RD
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator
253.6	BBLs	Fresh Water	8.34	1000	0	0	0	0	3520	2816
MIX WATER rig tank										

Circulation Prior to Job

Circulated Well: Rtg <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	Circulation Time:	Circulation Rate: BPM
Mud Density In: 8.9 LBS/GAL	Mud Density Out: 8.9 LBS/GAL	PV & YP Mud In: 57
		PV & YP Mud Out: 57
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: Rtg <input type="checkbox"/> BJ <input checked="" type="checkbox"/>	Amount Bled Back After Job: 1 BBLs
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FULL	Method Used to Verify Returns:
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: FT

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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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	

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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)

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 4700 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
23:45	0	0	0	0	0	leave yard	
02:00	0	0	0	0	0	arrive on location	
02:20	0	0	0	0	0	rig up meeting/rig up	
07:30	0	0	0	0	0	pre-job safety meeting	
07:49	4700	0	0	0	0	test lines	
07:51	248	0	7	20	WATER	fresh water spacer	
07:57	332	0	7	100	CEMENT	1st lead slurry @ 11.5ppg	
08:14	334	0	7	288	CEMENT	1st lead slurry	
08:45	333	0	7	100	CEMENT	2nd lead slurry @ 11.6ppg	
09:12	324	0	7	200	CEMENT	2nd lead slurry	
09:30	339	0	7	300	CEMENT	2nd lead slurry	
09:55	57	0	3	400	CEMENT	2nd lead slurry	
10:15	68	0	3.5	500	CEMENT	2nd lead slurry	
10:20	97	0	3.5	50	CEMENT	tail slurry @ 14.2ppg	
10:39	0	0	0	0	0	shut down/drop plug	
10:41	0	0	0	0	0	start displacement	
10:56	140	0	7.5	100	WATER	displacement	
11:11	413	0	7.5	210	WATER	displacement	
11:13	515	0	5	240	WATER	slow displacement rate	
11:19	560	0	2.5	253	WATER	slow displacement rate	
11:21	995	0	0	0	0	bump plug	
11:27	500	0	2	27	WATER	sugar water through parasite	
12:00	0	0	0	0	0	rig down rig floor/prepare for top out	
00:00	0	0	0	0	0	thank you from francisco and crew	

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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	1000	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	1140	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

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CUSTOMER Berry Petroleum Company		DATE 23-JUL-10	F.R. # 652010021	SERV. SUPV. FRANCISCO P CASTILLO								
LEASE & WELL NAME LR 13A 045-13095		LOCATION		COUNTY-PARISH-BLOCK Garfield Colorado								
DISTRICT Grand Junction		DRILLING CONTRACTOR RIG #		TYPE OF JOB Surface TOP OUT								
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES								
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER		
MATERIALS FURNISHED BY BJ												
PL+10lbs/skCSE+5%A-10+Gypsum+5%SMS+2lbs/kS+1lbsPhe				688	14.2	1.47	7.35	03:00	209	139.70		
0				0	0	0	0	00:00	0	0		
0				0	0	0	0	00:00	0	0		
0				0	0	0	0	00:00	0	0		
0				0	0	0	0	00:00	0	0		
Available Mix Water <u>800</u> Bbl.		Available Displ. Fluid <u>800</u> Bbl.		TOTAL				209	139.70			
HOLE			TBG-CSG-D.P.				COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE		
16	0	3500	9.625	36	CSG	3500	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	CSG	100	NO PACKER			0	0	2	8RD	FRESH WATER	8.34
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		
0	BBLs			0	0	0	0	0	0	0	rig tank	
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: top out												
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 4700 PSI						
15:30	0	0	0	0	0	CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						
17:00	0	0	0	0	0	began pumping top out slurry @ 14.2ppg						
17:15	0	0	0	0	0	got cement to surface with 688sks of cement/180bbls cement						
00:00	0	0	0	0	0	rig down meeting/rig down						
						thank you from francisco and crew						
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		<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	180	0	Y <input checked="" type="checkbox"/> N						

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