



02054238

SURFACE CASING CEMENT AND CEMENT JOB REPORT

TOP OUT



FEB 17 2010

COGCC

CUSTOMER Berry Petroleum Company		DATE 04-FEB-10	F.R. # 1001560695	SERV. SUPV. TIMOTHY L HAFER	
LEASE & WELL NAME CHEVRON #6-7D - API 05045172740000		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						
Cement Plug, Rubber, Top 9-5/8 in		Float Collar, Auto Fill, 9-5/8 - 8rd		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
		Guide Shoe, Cement Nose, 9-5/8 in								
MATERIALS FURNISHED BY BJ										
Fresh Water					8.4				20	
35:65:8				1,551	12.3	2.09	11.62	04:00	575.98	429.03
Type III w/ additives				100	14.2	1.47	7.35		26.21	17.49
Water					8.5				190.18	
Available Mix Water 800 Bbl.		Available Displ. Fluid 351 Bbl.		TOTAL					812.38	446.52

HOLE			TBG-CSG-D.P.				COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
16	50	2575	9.625	36	CSG	2500	J-55	2508	2465.71	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	TYPE	WGT.	
20	52.73		100	no packer	0	0	0	9.625	8RND	WATER BASED MU	9	

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	
190.2	BBLS	Water	8.5	1056	0	0	0	0	2950	2360	upwright tank

Circulation Prior to Job			
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	Circulation Time: 0		Circulation Rate: BPM
Mud Density In: 0 LBS/GAL	Mud Density Out: 0 LBS/GAL	PV & YP Mud In: 0	PV & YP Mud Out: 0
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 <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: visale		
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"/> RECIPROICATION <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

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		

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

CEMENT JOB REPORT



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 checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	4660 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ	
04:30						single convoy meeting	
04:38						left yard	
06:15						arrive on location	
06:25						prerig up meeting	
06:35						rigup iron	
07:00						wait on csg	
10:00						finish rigup	
11:15						prejob safety meeting	
11:45						stab head	
12:03						psi test to 4660	
12:05	248	0	5.2	20	H2O	spacer	
12:12						batch and weigh cement	
12:20	157	0	5.2	50	CMT	lead cmt	
12:30	174	0	5.2	50	CMT	lead	
12:53	129	0	5.2	100	CMT	lead	
13:14	142	0	5.2	100	CMT	lead	
13:32	68	0	5.2	100	CMT	lead	
13:54	70	0	5.2	100	CMT	lead	
14:12	70	0	5.2	77	CMT	lead	
14:14	10	0	2.8	10	CMT	tail	
14:20	16	0	2.8	16	CMT	tail	
14:24						drop plug	
14:25						plug away	
14:29	60	0	2.8	10	H2O	displacement	
14:38	14	0	5.2	40	H2O	displacement	
14:50	3	0	5.2	50	H2O	displacement	
15:01	0	0	5.2	50	H2O	displacement	
15:14	0	0	2.8	30	H2O	displacement	
15:26	283	0	2.8	10	H2O	displacement	
15:30						bump plug 551 psi	
15:35						rebump plug 750 psi	
15:43						check floats	
15:44						1 bbl back	
16:00						end main job	

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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	750	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	813	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

CEMENT JOB REPORT



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CUSTOMER Berry Petroleum Company		DATE 04-FEB-10	F.R. # 646510004	SERV. SUPV. TIMOTHY L. HAFFER	
LEASE & WELL NAME Chevron #6-7D - API 05045172740000		LOCATION		COUNTY-PARISH-BLOCK Garfield Colorado	
DISTRICT Grand Junction		DRILLING CONTRACTOR RIG # Patterson 302		TYPE OF JOB Misc Pump - Misc	
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES	
No Shoe		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					
Type III		1,100	14.2	1.47	7.35
Available Mix Water 800 Bbl.		Available Displ. Fluid 800 Bbl.	TOTAL		288 192.51
HOLE		TBG-CSG-D.P.		COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	SIZE	WGT.	DEPTH
0	0	0	20	94 CSG	120 K-55
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH	
SIZE	WGT.	DEPTH	BRAND & TYPE	TOP	BTM
			no packer	0	0
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.
0	BBLs			0	0
TOP CONN		WELL FLUID		MIX WATER	
SIZE	THREAD	TYPE	WGT.		
2	1502	WATER BASED MU	8.34		
MAX TBG PSI		MAX CSG PSI		MIX WATER	
RATED	Operator	RATED	Operator		
0	0	500	500	upwright 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				
16:00						TEST LINES 1000 PSI
16:00						CIRCULATING WELL - RIG <input type="checkbox"/> BJ <input type="checkbox"/>
19:30						finish surface job wait on rig to nipple up ...
20:23						and then start topouts and gravel
23:34						crew back on rig in topout
01:30	82	0	1.3	78	CMT	crew off wait on gravel
02:30						rig hands put gravel down hole+polly swell+5 bbl h20 let set half hour
04:30						topout # 1 300 sks 78 bbl cmt
06:20	63	0	1.3	52	CMT	end topout # 1
07:00						put gravel in hole
09:00						topout # 2 200 sks 52 bbls
12:45	67	0	2	157	CMT	end topout # 2
14:00						put gravel in hole
						topout # 3
						end topout # 3
						set 2 hrs see how far it dropped.

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:
Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	0	288	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	