



02054341

SURFACE

CEMENT JOB REPORT



CUSTOMER Berry Petroleum Company		DATE 16-MAY-10	F.R. # 1001617449	SERV. SUPV. JOSE E CARCAMO								
LEASE & WELL NAME CHEVRON #6-25D - API 05045188450000		LOCATION 6-6S-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" Bot Cem Plug, Nitrile cvr, Phe		Float Collar, Al Flap, 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		
MATERIALS FURNISHED BY BJ												
Fresh Water					8.4				20			
Premium Lite Cement(35:65)poz(fly ash) Type III+				1,094	12.3	2.09	11.62	03:55	406.28	302.73		
.04 static free+1% CaCl2+.75 FP-13L+8% bentonite				0	12.3	2.09	11.62	03:55	0	0		
Type III cement + .04 static free+1% CaCl2+.75 FP				100	14.2	1.47	7.35		26	17.38		
WATER					8.34				174			
Available Mix Water 800 Bbl.		Available Displ. Fluid 800 Bbl.		TOTAL				626.28	320.10			
HOLE			TBG-CSG-D.P.				COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE		
16		2294	9.625	36	CSG	2300						
LAST CASING			PKR-GMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID		
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE		TOP	BTM	SIZE	THREAD	TYPE	WGT.	
20	52.73		100	no packer		0	0	9.625	8RD	WATER BASED ML	9.1	
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		
174	BBLS	WATER	8.34	447	0	0	0	0	2816	1500	UP RIGHT	
Circulation Prior to Job												
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time:				Circulation Rate: BPM				
Mud Density In: 9.1 LBS/GAL				Mud Density Out: 9.1 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 <input 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: 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: 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								

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)

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				
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
22:10						PRE CONVOY SAFETY MEETING
22:39						LEAVE YARD
01:30						ARRIVED ON LOCATION
01:45						SPOT EQUIPMENT
02:45						PRE RIG UP SAFETY MEETING
03:00						START TO RIG UP
05:00						CAB UP
08:00						PRE JOB SAFETY MEETING
08:30						START JOB
08:30	2734				WATER	PRESSURE TEST LINES
08:34	214		4.7	20	WATER	PUMP SPACER AHEAD
08:45	253		5.1	10	CEMENT	PUMP LEAD CEMENT
08:55	248		5.2	56	CEMENT	PUMP LEAD CEMENT
09:13	213		5.2	145	CEMENT	PUMP LEAD CEMENT
09:21	215		5.2	190	CEMENT	PUMP LEAD CEMENT
09:32	214		5.2	250	CEMENT	PUMP LEAD CEMENT
09:40	260		5.2	290	CEMENT	PUMP LEAD CEMENT
09:58	82		2.8	370	CEMENT	PUMP LEAD CEMENT
10:14	99		2.8	418	CEMENT	PUMP LEAD CEMENT
10:14	95		2.8	7	CEMENT	PUMP TAIL CEMENT
10:19	99		2.8	15	CEMENT	PUMP TAIL CEMENT
10:24	98		2.8	25	CEMENT	PUMP TAIL CEMENT
10:24						SHUT DOWN
10:26						WASH LINES
10:30						DROP PLUG
10:30	104		5.2	10	WATER	PUMP DISPLACEMENT
10:38	65		5.2	40	WATER	PUMP DISPLACEMENT
10:47	111		5.2	80	WATER	PUMP DISPALCEMENT
10:54	158		5.2	120	WATER	PUMP DISPLACEMENT
11:00	145		5.2	150	WATER	PUMP DISPLACEMENT
11:04	144		2.7	160	WATER	SLOW RATE
11:06	91		2.1	170	WATER	PUMP DISPLACEMENT
11:08	872		2.1	174	WATER	BUMP PLUG
11:12						CHECK FLOATS / FLOATS HELD
11:30						PUMP SUGAR WATER THROUGH PARASITE
						STRING
11:45						END JOB
						NO RETURNS TO SURFACE .
						NO PIPE MOVEMENT

TOP OUTS

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LEASE & WELL NAME CHEVRON 6-25D - API 05045188450000		LOCATION 6 - 6S - 96W			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								
9-5/8" Top Cem Plug, Nitrile cvr, Phc		Float Collar, Al 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												
WATER						8.34				6		
Type III cmt +2% CaCl ₂ +10% A-10+.04 static free+.5					475	14.2	1.61	7.35		136	83.00	
gals FP-13L					0	14.2	1.61	7.35		0	0	
WATER						8.34				8		
Available Mix Water		800	Bbl.	Available Displ. Fluid	800	Bbl.	TOTAL		150	83.00		
HOLE			TBG-CSG-D.P.				COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE		
16		2294	9.625	36	CSG	2260	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.
				NO PACKER		0	0	0	9.625	8 RD	WATER BASED ML	9.1
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		
8	BBLs	WATER	8.34	447	0	0	0	0	2816	200	UP RIGHT	

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	2734 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
16:05						START 1ST TOP OUT	
16:06	56		.5	1	WATER	PUMP SPACER AHEAD	
16:12	77		1.2	57	CEMENT	PUMP TOP OUT CEMENT WITH GRAVEL	
						2 SCOOPS OF GRAVEL , 1 50lbs bag of CaCl ₂ , 1 bag poly swell	
16:43	65		1.3	3	WATER	PUMP SPACER BEHIND	
16:50						END 1ST TOP OUT	
						START 2ND TOP OUT	
19:03	13		.5	2	WATER	PUMP SPACER AHEAD	
19:15	75		1.3	57	CEMENT	PUMP TOP OUT CEMENT WITH GRAVEL	
						2 SCOOPS OF GRAVEL, 1 50lbs BAG OF CaCl ₂ 1 BAG OF POLY SWELL	
19:40	52		1.2	2	WATER	PUMP SPACER BEHIND.	
19:47						END JOB	
						START 3RD TOP OUT	
					WATER	PUMP SPACER AHEAD	
					CEMENT	PUMP TOP OUT CEMENT WITH GRAVEL	
						2 SCOOPS OF GRAVEL , 1 50lbs CaCl ₂ , 1 BAG OF POLY SWELL.	
					WATER	PUMP SPACER BEHIND	
						END JOB	
22:09						START 3RD TOP OUT	
22:11	17		1.2	2	WATER	PUMP SPACER AHEAD	
22:17	85		1.3	22	CEMENT	PUMP TOP OUT CEMENT WITH GRAVEL 2	

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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	2734 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
						SCOOP OF GRAVEL , 1 50LBS BAG OF CaCl2, 1 BAG OF POLY SWELL	
22:30						SHUT DOWN / END 3RD TOP OUT	
						CEMENT TO SURFACE . 4 BBLS BACK .	
23:30						POST JOB SAFETY MEETING	
23:45						START TO RIG DOWN	
00:30						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	872	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	4	185	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	