



02054376

SURFACE CEMENT

CEMENT JOB REPORT



CUSTOMER Berry Petroleum Company		DATE 13-JUN-10	F.R. # 1001632386	SERV. SUPV. TIMOTHY L HAFER			
LEASE & WELL NAME CHEVRON #31-17D - API 05045157010000		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			
8-5/8" Top Cem Plug, Nitrile cvr, Ph		Float Collar, Auto Fill, 9-5/8 - 8rd		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS
		Guide Shoe, Cement Nose, 9-5/8 i					PUMP TIME HR:MIN
							Bbl SLURRY
							Bbl MIX WATER
MATERIALS FURNISHED BY BJ							
Fresh Water				8.4			20
Pramlitecm+ .04stat+1%calc+8%ben				1,144	12.3	2.09	11.62 03:55 424.85 316.56
Type III+.04stat+1%calc				100	14.2	1.47	7.35 01:51 26.21 17.50
Water				8.5			191
Available Mix Water 1000 Bbl.		Available Displ. Fluid 708 Bbl.		TOTAL		662.06	334.06
HOLE		TBG-CSG-D.P.		COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE
16	35	2545	9.625	36	CSG	2520	J-55
						SHOE	FLOAT
						2520	2485.88
						STAGE	
						0	
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN	
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP	BTM
20	52.73		100	no packer	0	0	0
						SIZE	THREAD
						9.625	8RND
						WATER BASED MU	
						8.5	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED
192	BBLS	Water	8.5	1400	0	0	0
						Operator	MAX CSG PSI
						RATED	Operator
						3520	2816
						up wright tanks	
Circulation Prior to Job							
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1			
Mud Density In: 8.5 LBS/GAL				Mud Density Out: 8.5 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: 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				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				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:							

SURFACE CEMENT

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	4884 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
09:00						left yard got pump took to location went to bottem wait on bulk truck	
19:24						arrive on location	
19:25						prerig up meeting rig iron	
21:00						pre job meeting	
21:10						stab head	
21:21						psi test to 4884 psi	
21:24	162	0	5.3	20	H2O	spacer	
21:28						batch up cement	
21:35	223	0	5.65	10	CMT	lead cement	
21:39	215	0	5.65	40	CMT	lead cement	
21:49	212	0	5.65	50	CMT	lead cement	
22:06	206	0	5.67	100	CMT	lead cement	
22:22	211	0	5.67	100	CMT	lead cement	
22:41	200	0	5.67	100	CMT	lead cement	
22:47	85	0	3.29	26	CMT	lead cement	
22:50	85	0	3.29	10	CMT	tail cement	
22:54	89	0	3	10	CMT	tail cement	
22:59	89	0	3	6	CMT	tail cement	
23:00						shut down drop plug	
23:04	45	0	3.94	10	H2O	displacement	
23:12	124	0	5.7	40	H2O	displacement	
23:20	127	0	5.7	50	H2O	displacement	
23:30	246	0	5.7	50	H2O	displacement	
23:35	340	0	5.7	30	H2O	displacement	
23:38	340	0	2.5	10	H2O	displacement	
23:40	340	0	2.5	2	H2O	displacement	
23:40						bump plug from 340 to 1400 psi	
23:46						check floats	
23:47						1 bbl back all good	
23:50						rig to paracite line pump 20 bbls of surgar water..	
00:38	350	0	2	25	H2O	sugar water down paracite line	
01:00						end main job thanks Tim and BJ 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	1400	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	684	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

TOP OUT CEMENT

CEMENT JOB REPORT



CUSTOMER Berry Petroleum Company		DATE 14-JUN-10		F.R. # 646510029		SERV. SUPV. TIMOTHY L HAFER					
LEASE & WELL NAME Berry Petroleum Co - API 05045157010000		LOCATION 31-5s-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							
		No Shoe		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER	
		NA-Squeeze									
MATERIALS FURNISHED BY BJ											
50/50 Type III				350	14.2	1.47	7.35	00:30	91	60.83	
Available Mix Water 1000 Bbl. Available Displ. Fluid 800 Bbl.				TOTAL					91	60.83	
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE	
0	0	0	9.625	36	CSG	2520	J-55	0		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.
				no packer	0	0	0	2	1502	WATER BASED MU	8.5
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	upright 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 0 PSI					
						CIRCULATING WELL - RIG <input type="checkbox"/> BJ <input type="checkbox"/>					
00:50						end main job rig up for topout					
03:45						3 bag gravel					
04:40	96	0	2.24	52	CMT	1st topout					
05:30						end 1st topout					
07:00						3 bags of gravel					
07:30	156	0	2.8	39	CMT	2 nd topout					
08:30						end 2 nd topout					
						cement to surface and stayed...					
						Thanks Tim and BJ 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					
Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	0	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	0	91	0	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>					
						SERVICE SUPERVISOR SIGNATURE:					