



02054470

SURFACE CEMENT

CEMENT JOB REPORT



CUSTOMER Berry Petroleum Company		DATE 09-AUG-10	F.R. # 1001664855	SERV. SUPV. FRANCISCO P CASTILLO	
LEASE & WELL NAME LONG RIDGE #04A M15 595 - API 05045130890000		LOCATION 15-5S-95W		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, Ph		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	0	0 00:00
PL+.04lbsSF+.25lbsCF+2lbsKS+3%A-10+6%Bentonite+10l		562	11.5	2.88	16.86 04:20
PL+.04lbsSF+.25lbsCF+2lbsKS+5%A-10+5%SMS		1,000	11.6	2.81	16.15 03:13
TypeIII+.04lbsSF+.5gals/100sacksFP-13L		200	14.2	1.46	7.33 01:51
Fresh Water		0	8.34	0	0 00:00
Available Mix Water 1200 Bbl.		Available Displ. Fluid 1200 Bbl.		TOTAL	1042 644.47
HOLE		TBG-CSG-D.P.			COLLAR DEPTHS
SIZE	% EXCESS	DEPTH	SIZE	WGT.	DEPTH
16	50	2482	9.625	36 CSG	3500
					SHOE 2466
					FLOAT 2438
					STAGE 0
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH	
SIZE	WGT.	DEPTH	BRAND & TYPE	TOP	BTM
20	52.73	100	no packer	0	0
				SIZE 9.625	THREAD 8RD
				WELL FLUID FRESH WATER	
				WGT. 8.9	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.
182	BBLs	Fresh Water	8.34	400	0
				OP. MAX	SQ. PSI
				RATED	Operator
				MAX TBG PSI	MAX CSG PSI
				3520	2816
				MIX WATER rig tank	
Circulation Prior to Job					
Circulated Well: Rig <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: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>			Amount Bled Back After Job: 1 BBLs		
Returns During Job: <input type="checkbox"/> NONE <input checked="" 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 checked="" 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: unable to run all casing. two joints of casing were left 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	4400 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ
21:30	0	0	0	0	0	leave yard	
23:30	0	0	0	0	0	arrive on location	
04:00	0	0	0	0	0	pre-job safety meeting	
04:30	4400	0	0	0	0	test lines	
04:35	153	0	5	20	WATER	fresh water spacer	
04:39	251	0	6	290	CEMENT	1st lead cement slurry @ 11.5ppg	
05:40	241	0	5	300	CEMENT	1st lead cement slurry @ 11.5ppg	
07:24	195	0	5	500	CEMENT	2nd lead cement slurry @ 11.6ppg	
07:24	147	0	5	52	CEMENT	switch over to tail cement slurry @ 14.2ppg	
07:37	0	0	0	0	0	shut down/drop plug	
07:40	0	0	0	0	0	begin displacement	
07:51	234	0	5.5	50	WATER	displacement	
08:00	430	0	5	100	WATER	displacement	
08:10	640	0	5	150	WATER	displacement	
08:14	605	0	5	171	WATER	displacement	
08:15	551	0	3	182	WATER	displacement/slow rate	
08:19	997	0	3	182	WATER	bump plug	
08:38	357	0	2	25	WATER	sugar water	
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	997	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	1081	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

TOP OUT



CUSTOMER Berry Petroleum Company			DATE 09-AUG-10		F.R. # 652010022		SERV. SUPV. FRANCISCO P CASTILLO					
LEASE & WELL NAME LONG RIDGE #04A M15 595 - API 05045130890000			LOCATION 15-5S-95W			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						
						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						0	8.34	0	0	00:00	2	
35/65Poz/Typell+10lbsCSE+1lbsPS+%5SMS+5%A-10,Gyps						800	11.6	2.81	16.15	00:00	400	307.34
0						0	0	0	0	00:00	0	
0						0	0	0	0	00:00	0	
0						0	0	0	0	00:00	0	
Available Mix Water 1200 Bbl. Available Displ. Fluid 1200 Bbl. TOTAL 402 307.34												
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	1502	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	rig tank	
0	BBLS			0	0	0	0	0	0	0		
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: N/A												
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 4000 PSI						
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						
00:00	0	0	0	0	0	Top Out						
12:22	75	0	3	50	CEMENT	top out plug						
12:30	0	0	0	0	0	shut down/wash up pump						
14:15	75	0	3	30	CEMENT	top out plug						
14:35	0	0	0	0	0	shut down/wash up pump						
16:33	75	0	3	20	CEMENT	top out plug						
16:55	0	0	0	0	0	shut down/wash up plug						
17:15	0	0	0	0	0	rig down meeting/rig down						
00:00	0	0	0	0	0	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:					
Y <input type="checkbox"/> N <input checked="" type="checkbox"/>		Y <input type="checkbox"/> N <input checked="" type="checkbox"/>		100	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>						