

CEMENT JOB REPORT



CUSTOMER MARATHON OIL (HOUSTON)		DATE 06-MAY-10		F.R. # 1001611404		SERV. SUPV. TIMOTHY L HAFER					
LEASE & WELL NAME 697-26A #23 - API 05045192270000			LOCATION 26-6S-97W			COUNTY-PARISH-BLOCK Garfield Colorado					
DISTRICT Grand Junction			DRILLING CONTRACTOR RIG # H&P 324			TYPE OF JOB Surface					
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE			PHYSICAL SLURRY PROPERTIES						
BJ Cement Plug, Rubber, Top 9-5/8		Float Collar, Auto Fill, 9-5/8 - 8rd Guide Shoe, Cement Nose, 9-5/8 i			SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
MATERIALS FURNISHED BY BJ											
Premium Lite Cement					1,088	12.3	2.09	11.62	03:55	404.05	301.07
Type III with Additives					150	14.2	1.47	7.35	01:51	39.32	26.25
Water						8.5				178.59	
Fresh Water						8.34				20	
Available Mix Water <u>2000</u> Bbl.		Available Displ. Fluid <u>1475</u> Bbl.		TOTAL					641.96		327.32
HOLE			TBG-CSG-D.P.				COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE	
14.75	50	2230	9.625	36	CSG	2188	J-55	2188	2146		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		120	no packer	0	0	0	9.625	8RND	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	
163.8	BBLS	Water	8.5	840	0	0	0	0	3520	2816	frac tank
Circulation Prior to Job											
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time: 1			Circulation Rate: 8 BPM					
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: .5 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"/> 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 type="checkbox"/> MANIFOLD <input checked="" 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 4012 PSI			
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			
17:00						preconvoy meeting			
17:21						left yard			
20:00						arrive on location			
20:25						prerig up meeting			
20:40						rig up iron			
23:00						wait on csg crew off duty..			
01:20						crew on duty get ready for safety meeting .wait on rig to land the landing joint..			
02:30						prejob meeting			
03:00						stab head			
03:09						psi test 4012 psi			
03:11	80	0	5.2	20	H2O	spacer			
03:15						batch up cement			
03:19	299	0	5.2	10	CMT	lead cement			
03:29	280	0	5.2	40	CMT	lead cement			
03:38	262	0	5.2	50	CMT	lead cement			
03:57	254	0	5.2	100	CMT	lead cement			
04:16	252	0	5.2	100	CMT	lead cement			
04:33	40	0	2.9	105	CMT	lead cement			
04:37	45	0	2.9	10	CMT	tail cement			
04:41	27	0	2.9	20	CMT	tail cement			
04:49	27	0	2.9	9	CMT	tail cement			
04:50						wash up pump			
04:58						drop plug			
05:01	58	0	5.2	10	H2O	displacement			
05:09	270	0	7	40	H2O	displacement			
05:16	270	0	7	50	H2O	displacement			
05:24	150	0	5.27	50	H2O	displacement			
05:28	69	0	2.5	10	H2O	displacement			
05:29	68	0	2.5	4	H2O	displacement			
05:30						bump plug @ 840 psi from 68 psi..			
05:35						check floats			
05:35						.5 bbl back floats held			
06:02	70	0	1	20	H2O	sugar water down parasite line			
06:30						end main job get ready for topout..			
						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	840	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	525	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	