

CEMENT JOB REPORT



CUSTOMER MARATHON OIL (HOUSTON)		DATE 15-JUN-09		F.R. # 444310412		SERV. SUPV. TIMOTHY L. HAVER	
LEASE & WELL NAME 696-6A #13 - API 05045168470000		LOCATION 34-5S-96W		COUNTY-PARISH-BLOCK Garfield Colorado			
DISTRICT Grand Junction		DRILLING CONTRACTOR RIG # H&P 324		TYPE OF JOB Long String			

SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES						
Cement Plug, Rubber, Top 4-1/2 in		Float Collar, Auto Fill, 4-1/2 - 8rd		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
		Guide Shoe, Cement Nose, 4-1/2 in								
MATERIALS FURNISHED BY BJ										
Mud Clean I					8.34				30	
Premium Lite HS				904	12.5	2.50	13.08		402.67	281.45
Claytreat Water					8.34				157	
Surfactant Wash					8.34				20	
Surfactant Wash					8.34				20	
Available Mix Water 1000 Bbl.				Available Displ. Fluid 530 Bbl.				TOTAL	629.67	281.45

HOLE			TBG-CSG-D.P.				COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
8.75	50	10472	4.5	11.6	CSG	10164	P-110	10358	10317.68	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.	
9.625	36		2285	no packer	0	0	0	4.5	8RND	WATER BASED MU	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	
160.5	BBLs	Claytreat Water	8.34	1800	0	0	0	0	10690	8552	frac tank

Circulation Prior to Job

Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		Circulation Time: 3		Circulation Rate: 10 BPM	
Mud Density In: 9.1 LBS/GAL		Mud Density Out: 9.1 LBS/GAL		PV & YP Mud In: 70	
PV & YP Mud Out: 70		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: 1.5 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 type="checkbox"/> NO <input checked="" type="checkbox"/> YES		Quantity: 25	
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
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Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: FT	Target EMV: LBS/GAL	Actual EMV: LBS/GAL
Number of Times Tests Conducted:	Mud Weight When Test was Conducted: LBS/GAL	

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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:

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	4500 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
07:15						pre convoy meeting	
07:32						left yard	
09:47						arrive on location	
10:15						spot trucks pre rig up meeting	
11:30						WAIT ON CSG	
13:50						pre job safety meeting	
14:00						stab head	
14:15						RIG PUMP MUD AND PILL	
16:27						psi test to 4500 psi	
16:31	200	0	2	20	SPACER	surfactant wash	
16:40	260	0	3.4	30	SPACER	mud clean	
16:48	200	0	5.2	20	SPACER	surfactant wash	
16:53						batch and weigh cement	
16:57	475	0	5	10	CMT	cement slurry	
17:06	442	0	5.2	40	CMT	cement slurry	
17:16	445	0	5.1	50	CMT	cement slurry	
17:36	430	0	5	100	CMT	cement slurry	
17:58	460	0	5	100	CMT	cement slurry	
18:15	500	0	5	102	CMT	cement slurry	
18:20						wash up pump	
18:27						drop plug	
18:29	120	0	5	10	H2O	displacement	
18:37	148	0	5	40	H2O	displacement	
18:47	823	0	5	50	H2O	displacement	
18:58	1135	0	2.5	50	H2O	displacement	
19:03	1931	0	2.5	10.5	H2O	displacement	
19:04	1931	0	0	0	0	bump plug FROM 1200 TO 1931 PSI	
19:12						check floats DID NOT HOLD	
19:13	2066	0	1	4	H2O	RE BUMP PLUG TO 2066	
19:46						CHECK FLOATS 1.5 BBL BACK	
20:00						End Job Thanks Tim and BJ Crew.....	
BUMPED PLUG <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 2060	TEST FLOAT EQUIP. <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 552	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Service Supervisor Signature: