

CEMENT JOB REPORT



CUSTOMER MARATHON OIL (HOUSTON)		DATE 12-MAY-10		F.R. # 1001614758		SERV. SUPV. TIMOTHY L HAVER				
LEASE & WELL NAME 697-26A #14 - API 05045192250000		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		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
		Guide Shoe, Cement Nose, 9-5/8 i								
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 2000 Bbl.		Available Displ. Fluid 1653 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	2350	J-55	2188	2145.22	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
20	52.73		120	no packer	0	0	0	9.625	8RND	WATER BASED MU
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
163.7	BBLS	Water	8.5	895	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: 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				
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	4400 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
05:30						preconvoy meeting	
05:52						left yard	
08:00						arrive on location	
08:15						spot trucks pre rigup meeting rig iron	
09:20						crew off duty wait on csg	
12:30						crew back on duty prime up pump get ready for job meeting	
13:25						prejob meeting	
13:15						stab head	
13:43						psi test to 4400	
13:47	202	0	5.2	20	H2O	spacer	
13:50						batch and weight cement	
13:53	358	0	5.2	10	CMT	lead	
14:04	383	0	5.1	40	CMT	lead	
14:14	300	0	5	50	CMT	lead	
14:34	310	0	5	100	CMT	lead	
14:54	300	0	5	100	CMT	lead	
15:18	79	0	2.5	104	CMT	lead	
15:23	131	0	2.8	10	CMT	tail	
15:26	121	0	2.8	10	CMT	tail	
15:32	130	0	2.5	19	CMT	tail	
15:33						wash up pump	
15:37						drop plug	
15:42	150	0	5	10	H2O	displacement	
15:51	160	0	5.2	40	H2O	displacement	
16:01	168	0	5.2	50	H2O	displacement	
16:10	220	0	5.2	50	H2O	displacement	
16:13	110	0	2.5	13.7	H2O	displacement	
16:14						bump plug	
16:19						check floats	
16:19						1 BBL Back	
16:25	150	0	1.2	20	H2O	sugar water down parasite line	
16:30						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	895	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	628	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	