



Cement Job Summary 10/2

Form 5 2237847

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CEMENT JOB REPORT

NOV - 9 2012



COGCC

CUSTOMER MATRIX ENERGY LLC		DATE 18-AUG-12	F.R. # 1001929950	SERV. SUFF. RYAN R STEVENS									
LEASE & WELL NAME HOLTON #31-12 - API 05123357760000		LOCATION 12-6N-65W		COUNTY-PARISH-BLOCK Weld Colorado									
DISTRICT Brighton		DRILLING CONTRACTOR RIG # ENSGN 55		TYPE OF JOB Long String									
SIZE & TYPE OF PLUGS	LIST CSG HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES MD TVD								
Latch Down Plug & Assembly, 4-1/2	Float Collar, AI Flap, 4-1/2 - 8rd												
	Float Shoe 4-1/2 - 8rd												
PHYSICAL SLURRY PROPERTIES													
MATERIALS FURNISHED BY BJ	LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sup>3</sup>	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER					
Claytreat Water	/	0	8.34	0	0	00:00	20	/					
Mud Clean II	/	0	8.43	0	0	00:00	20	/					
Claytreat Water	/	0	8.34	0	0	00:00	20	/					
Premium Lite + Adds	/	277	11	3.22	19.86	04:00	158.8	131.09					
50:50 Poz/Class G + adds	/	195	14.6	1.38	5.89	02:30	47	26.83					
Claytreat Water	/	0	8.34	0	0	00:00	111.13						
Available Mix Water	800 Bbl.	Available Displ. Fluid	400 Bbl.	TOTAL	376.93	157.93							
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS							
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
7.875	0	7260	4	4.5	11.6	CSG	7220	7220	N-80	7226	7220	0	
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH			TOP CONN		WELL FLUID		
ID	OD	WGT.	TYPE	MD	TVD	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
8.1	8.63	24	CSG	600	600	No Liner	0	0	0	4.5	8RD	WATER BASED	9.2
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	MIX WATER		
112.3	BBLS	Claytreat Water	8.34	917	0	0	0	0	6224	3000	Rig Tank		
Circulation Prior to Job													
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1				Circulation Rate: 6 BPM					
Mud Density In: 9.2 LBS/GAL				Mud Density Out: 9.2 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 checked="" 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 checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE													
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 32				Type: <input checked="" 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: 0				Competition: 0				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: 0 FT				Bottom of Plug: 0 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: 0		Fluid Weight: 0 LBS/GAL			
Casing Test (Update Original Treatment Report for Primary Job)													
Casing Test Pressure: 0 PSI				With 0 LBS/GAL Mud				Time Held: 00 Hours 00 Minutes					
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None													

20/2

**CEMENT JOB REPORT**



**Shoe Test (Update Original Treatment Report for Primary Job)**

Depth Drilled out of Shoe: 0 FT      Target EMW: 0 LBS/GAL      Actual EMW: 0 LBS/GAL  
 Number of Times Tests Conducted: 0      Mud Weight When Test was Conducted: 0 LBS/GAL

Problems Before Job (I.E. Running Casing, Circulating Well, ETC)  
 None

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)  
 None

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)  
 None

TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	EXPLANATION
	PIPE	ANNULUS				
						SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/> TEST LINES 4867 PSI CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
09:30	0	0	0	0	N/A	Yard Call
13:03	0	0	0	0	N/A	Time arrived on location ( 46 Miles )
13:45	0	0	0	0	N/A	Pre rig up safety meeting
14:45	0	0	0	0	N/A	Pre job safety meeting
14:52	4867	0	0	0	WATER	Pressure test
15:53	477	0	6.5	20	WATER	Clay care water spacer
14:56	680	0	6.5	20	WATER	Mud clean II
15:04	348	0	6.5	20	WATER	Clay Care water spacer
15:10	348	0	6.5	158	CEMENT	Batch up weigh and pump 277 SXS of PLC + 4% Bentonite + 0.6% SMS + 8 Lbs/Sack CSE-2 @ 11.00 PPG
15:35	259	0	5.6	44	CEMENT	Batch up weigh and pump 195 SXS of (50:50) POZ ( fly ash ) : class G Cement + 0.1% R-3 + 0.3% CD-32 + 0.4% FI-52 + 0.1% SMS 20%
15:47	0	0	0	0	N/A	Drop Plug wash up pumps and lines
15:56	621	0	6.5	90	WATER	Displacement Clay care
16:12	773	0	4.1	10	WATER	Drop rate
16:15	1017	0	3.6	12	WATER	Drop rate
16:18	2568	0	3.6	112	WATER	Bump plug
16:20	0	0	0	0	N/A	Check floats
16:21	0	0	0	0	N/A	Pre rig down safety meeting
16:50	0	0	0	0	N/A	Time off location

BUMPED PLUG <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 2568	TEST FLOAT EQUIP. <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 374	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Service Supervisor Signature: 
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