



02237849

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 HOLTEN #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
Claytreat Water		0	8.34	0	0 00:00
Mud Clean II		0	8.43	0	0 00:00
Claytreat Water		0	8.34	0	0 00:00
Premium Lite + Adds		277	11	3.22	19.86 04:00
50:50 Poz/Class G + adds		195	14.6	1.38	5.89 02:30
Claytreat Water		0	8.34	0	0 00:00
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.
7.875	0	7260	4	4.5	11.6
			CSG	7220	7220
			MD	TVD	GRADE
			7220	7220	N-80
			SHOE	FLOAT	STAGE
			7226	7220	0
LAST CASING PKR-CMT RET-BR PL-LINER PERF. DEPTH TOP CONN WELL FLUID					
ID	OD	WGT.	TYPE	MD	TVD
8.1	8.63	24	CSG	600	600
			BRAND & TYPE	DEPTH	TOP
			No Liner	0	0
			BTM	SIZE	THREAD
			0	4.5	8RD
			TYPE	WGT.	
			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.
112.3	BBLS	Claytreat Water	8.34	917	0
				SQ. PSI	RATED
				0	0
				Operator	RATED
				Operator	3000
					Rig Tank
Circulation Prior to Job					
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time: 1		
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"/>	
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					

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## 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

## PRESSURE/RATE DETAIL

## EXPLANATION

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	Cal 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	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	2568	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	374	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	