



045-07349

# CEMENT JOB REPORT



CUSTOMER EnCana Oil & Gas USA Inc DATE 15-JUL-08 F.R. # 412110509 SERV. SUPV. JOSHUA O TOWNS

LEASE & WELL NAME Mamm Creek Ranch 20-12 LOCATION COUNTY-PARISH-BLOCK Garfield Colorado

DISTRICT Grand Junction DRILLING CONTRACTOR RIG # Workover TYPE OF JOB Squeeze-Perforation

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	PHYSICAL SLURRY PROPERTIES						
		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sup>3</sup>	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
MATERIALS FURNISHED BY BJ								
Premium Lite+.4%FL-52+6%Bentonite+.2%SMS		150	12.5	1.94	10.65		51.90	38.0
Fresh Water			8.34				10	
Available Mix Water 130 Bbl.	Available Displ. Fluid 0 Bbl.	TOTAL					61.90	38.0

HOLE			TBG-CSG-D.P.				COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
			4.5	11.6	CSG	8000	P-110			

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.	
				Retainer Packer, 4-1/2 in, 3.59 c	800	750	750	2.375	PIPE	KCL WATER	8.	
				Retainer Packer, 4-1/2 in, 3.59 c								

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	RATED	Operator		
0	BBLS	Fresh Water	8.34	0	0	0	0	0	10690	8552	Transport			

### Circulation Prior to Job

Circulated Well: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>	Circulation Time: .05	Circulation Rate: 3 BPM
Mud Density In: 8.4 LBS/GAL Mud Density Out: 8.4 LBS/GAL	PV & YP Mud In:	PV & YP Mud Out:
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: 0 BBLS
Returns During Job: NONE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FULL <input type="checkbox"/>	Method Used to Verify Returns:
Cement Returns at Surface: X YES <input type="checkbox"/> NO <input type="checkbox"/>	Were Returns Planned at Surface: NO <input type="checkbox"/> X YES <input type="checkbox"/>
Pipe Movement: ROTATION <input type="checkbox"/> RECIPROCATION <input type="checkbox"/> NONE <input type="checkbox"/>	UNABLE DUE TO STUCK PIPE
Centralizers: X NO <input type="checkbox"/> YES <input type="checkbox"/>	Quantity: Type: BOW <input type="checkbox"/> RIGID <input type="checkbox"/>
Job Pumped Through: CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD <input type="checkbox"/>	

### Plugs

Number of Attempts by BJ: 1	Competition:	Wiper Balls Used: X NO <input type="checkbox"/> YES <input type="checkbox"/>	Quantity:
Plug Catcher Used: X NO <input type="checkbox"/> YES <input type="checkbox"/>	Parabow Used: X NO <input type="checkbox"/> YES <input type="checkbox"/>		
Was There a Bottom: X NO <input type="checkbox"/> YES <input type="checkbox"/>	Top of Plug: 0 FT	Bottom of Plug: 750 FT	

### Squeezes (Update Original Treatment Report for Primary Job)

BLOCK SQUEEZE	SHOE SQUEEZE	TOP OF LINER SQUEEZE	PLANNED	UNPLANNED
Liner Packer: X NO <input type="checkbox"/> YES <input type="checkbox"/>	Bond Log: X NO <input type="checkbox"/> YES <input type="checkbox"/>	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 EMW: LBS/GAL	Actual EMW: LBS/GAL
Number of Times Tests Conducted:	Mud Weight When Test was Conducted: LBS/GAL	

Problems Before Job (I.E. Running Casing, Circulating Well, ETC)

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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	2500 PSI
						CIRCULATING WELL - RIG	BJ <input checked="" type="checkbox"/>
06:00						Arrive on loc	
07:10						Rigup	
08:30	0	0	2	2	WATER	Load Lines	
08:31	2500	0	1	1	WATER	Pressure Test	
08:33	230	0	3	10	WATER	Water Ahead	
08:37						Batch Cement	
08:41	167	0	3	54	CEMENT	Pump 12.5ppg Cement	
08:59						Shutdown/End Job	
<b>BUMPED PLUG</b>	<b>PSI TO BUMP PLUG</b>	<b>TEST FLOAT EQUIP.</b>	<b>BBL.CMT RETURNS/ REVERSED</b>	<b>TOTAL BBL. PUMPED</b>	<b>PSI LEFT ON CSG</b>	<b>SPOT TOP OUT CEMENT</b>	<b>Service Supervisor Signature:</b>
Y <input type="checkbox"/> N <input checked="" type="checkbox"/>		Y <input type="checkbox"/> N <input checked="" type="checkbox"/>		60	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	



BJ SERVICES COMPANY  
Job Number: 1001343253  
Customer: PDC  
Well Name: Puckett 22C-7D

