

# CEMENT JOB REPORT



CUSTOMER Kerr McGee Corp		DATE 17-JAN-11	F.R. # 1001747532	SERV. SUPV. CHRISTOPHER M MCKEON	
LEASE & WELL NAME NRC #10-9 - API 05123313220000		LOCATION Sec.9 - T1N - R67W		COUNTY-PARISH-BLOCK Weld Colorado	
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Work-Over		TYPE OF JOB Squeeze-Perforation	

SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES						
		NA-Squeeze		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sup>3</sup>	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
		No Shoe								
MATERIALS FURNISHED BY BJ										
Fresh Water				0	8.34	0	0	00:00	36	
Fresh Water				0	8.34	0	0	00:00	10	
Class "G" Cement				90	15.8	1.15	5.00	01:00	19.5	11.35
Available Mix Water 200 Bbl.		Available Displ. Fluid 200 Bbl.		TOTAL					65.5	11.35

HOLE			TBG-CSG-D.P.				COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
6.5	30	7715	4.5	11.6	CSG	7700	N-80	0	0	0
			2.375	4.7	TBG	7194	N-80			

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.
				Packer		7180	7700	2.375	8RD	WATER BASED ML	8.4

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	
35.1	BBLS	Fresh Water	8.34	0	0	0	8960	4000	6224	4000	Transport

Circulation Prior to Job			
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		Circulation Time: 0	
Mud Density In: 0 LBS/GAL		Mud Density Out: 0 LBS/GAL	
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: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL		Method Used to Verify Returns: Eye	
Cement Returns at Surface: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Were Returns Planned at Surface: <input type="checkbox"/> NO <input checked="" 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 type="checkbox"/> MANIFOLD <input checked="" type="checkbox"/> NO MANIFOLD			

Plugs			
Number of Attempts by BJ: 0		Competition: 0	
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Parabow Used: <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

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		

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None

# CEMENT JOB REPORT



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	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	8451 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
11:45	0	0	0	0	NA	Pre rig up safety meeting	
12:40	0	0	0	0	NA	Pre job safety meeting	
13:04	2251	0	0	0	H2O	Low pressure test C990 pumps and line	
13:05	8451	0	0	0	H2O	High pressure test C990 pumps and lines	
13:09	2401	0	2.4	10	H2O	Pre flush	
13:23	137	0	1.1	19.5	CMT	Batch up and pump 90 sx. Class G Cement @ 15.8 ppg.	
13:36	421	0	2	12	H2O	Start displacement Caught CMT at 12 bbls.	
13:42	1841	0	2	18	H2O	Rate and pressure check	
13:54	2381	0	1.5	6	H2O	Drop rate	
13:58	0	0	0	0	NA	Sting out of retainer	
14:00	530	0	2.1	112	H2O	Forwarded out	
14:57	0	0	0	0	NA	Stop Service	
14:58	0	0	0	0	NA	Rig down safety meeting	
BUMPED PLUG Y <input checked="" type="checkbox"/> N	PSI TO BUMP PLUG 0	TEST FLOAT EQUIP. Y <input checked="" type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 17	TOTAL BBL. PUMPED 177.5	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input checked="" type="checkbox"/> N	Service Supervisor Signature: 

x