

# CEMENT JOB REPORT



CUSTOMER Kerr McGee Corp		DATE 29-DEC-09	F.R. # 1001544849	SERV. SUPV. KURT R KUDRNA	
LEASE & WELL NAME HANSON GAS UNIT #1 - API 05123085940000		LOCATION		COUNTY-PARISH-BLOCK Weld Colorado	
DISTRICT Brighton		DRILLING CONTRACTOR RIG # W/O		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					
Class "G" + adds		0	0	0	00:00
Fresh Water		0	8.34	0	00:00
Fresh Water		0	8.34	0	00:00
Premium Lite Cement + Adds		300	12.5	1.89	10.38 03:00
Available Mix Water 150 Bbl.		Available Displ. Fluid 50 Bbl.		TOTAL 117 73.49	
HOLE		TBG-CSG-D.P.		COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE
0	0	0	4.5	11.6	CSG
				680	N-80
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH	
SIZE	WGT	TYPE	DEPTH	TOP	BTM
		TENSION PACKER		460	680
				2.375	8RD KCL WATER
					8.43
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.
4	BBLs	Fresh Water	8.34	0	0
				0	8956
				2500	6224
				2500	TRANSPOR T
Circulation Prior to Job					
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		Circulation Time: 1		Circulation Rate: 5 BPM	
Mud Density In: 8.43 LBS/GAL		Mud Density Out: 8.43 LBS/GAL		PV & YP Mud In: 55	
PV & YP Mud Out: 55		Gas Present: NO <input type="checkbox"/> YES <input checked="" type="checkbox"/>		Units: 0	
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: .25 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"/> RECIPROCATION <input checked="" 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 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	
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Quantity:	
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					
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					



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

N/A

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)

N/A

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)

N/A

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	4000 PSI																
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>																	
14:00	0	0	0	0	N/A	PRE RIG UP SAFETY MEETING																	
14:30	0	0	0	0	N/A	JOB SAFETY MEETING																	
14:39	4010	0	.3	.3	H2O	PRESSURE TEST C992																	
14:41	581	0	4.8	13	H2O	PREFLUSHW/ FRESH WATER																	
14:48	577	0	5	100	CEMENT	BATCH UP AND PUMP 300 SACKS OF PLC+0.4%FL-52+3% BENTONITE+99.5% FRESH WATER @ 12.5 PPG																	
15:10	0	0	0	0	N/A	WASH UP PUMPS AND LINES																	
15:15	539	0	2.4	4	H2O	DISPLACEMENTW/ FRESH WATER																	
15:17	0	0	0	0	N/A	DONE																	
15:18	0	0	0	0	N/A	POST RIG DOWN SAFETY MEETING																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>BUMPED PLUG</td> <td>PSI TO BUMP PLUG</td> <td>TEST FLOAT EQUIP.</td> <td>BBL.CMT RETURNS/ REVERSED</td> <td>TOTAL BBL. PUMPED</td> <td>PSI LEFT ON CSG</td> <td>SPOT TOP OUT CEMENT</td> <td>Service Supervisor Signature:</td> </tr> <tr> <td>Y <input type="checkbox"/> N <input checked="" type="checkbox"/></td> <td>0</td> <td>Y <input type="checkbox"/> N <input checked="" type="checkbox"/></td> <td>5</td> <td>117</td> <td>0</td> <td>Y <input type="checkbox"/> N <input checked="" type="checkbox"/></td> <td></td> </tr> </table>								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:	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	5	117	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
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BJ Services JobMaster Program Version 3.20

Job Number: 1001544849

Customer: KERR-MCGEE

Well Name: HANSON GAS UNIT 1

