

# CEMENT JOB REPORT



<b>CUSTOMER</b> Comet Ridge USA, LLC		<b>DATE</b> 15-JUN-10		<b>F.R. #</b> 1001633831		<b>SERV. SUPV.</b> RYAN SULLIVAN	
<b>LEASE &amp; WELL NAME</b> PATTI #32-29 - API 05043061820000		<b>LOCATION</b> 29-19S-69W		<b>COUNTY-PARISH-BLOCK</b> Fremont Colorado			
<b>DISTRICT</b> Brighton		<b>DRILLING CONTRACTOR RIG #</b> Capstar 314		<b>TYPE OF JOB</b> Surface			
<b>SIZE &amp; TYPE OF PLUGS</b>		<b>LIST-CSG-HARDWARE</b>		<b>PHYSICAL SLURRY PROPERTIES</b>			
Cement Plug, Rubber, Top 9-5/8 in		Float Collar, Auto Fill, 9-5/8 - 8rd		<b>SACKS OF CEMENT</b>	<b>SLURRY WGT PPG</b>	<b>SLURRY YLD FT<sup>3</sup></b>	<b>WATER GPS</b>
		Centralizer, with Pins, 9-5/8 in					
<b>MATERIALS FURNISHED BY BJ</b>							
Fresh Water				0	8.34	0	00:00
Type III Cement + additives				331	14.5	1.42	02:00
Fresh Water				0	8.34	0	00:00
Available Mix Water <u>100</u> Bbl. Available Displ. Fluid <u>100</u> Bbl.				<b>TOTAL</b>		<u>160.22</u>	<u>53.87</u>
<b>HOLE</b>		<b>TBG-CSG-D.P.</b>				<b>COLLAR DEPTHS</b>	
<b>SIZE</b>	<b>% EXCESS</b>	<b>DEPTH</b>	<b>SIZE</b>	<b>WGT.</b>	<b>TYPE</b>	<b>DEPTH</b>	<b>GRADE</b>
12.25	0	723	9.625	32.3	CSG	720	720
<b>LAST CASING</b>		<b>PKR-CMT RET-BR PL-LINER</b>		<b>PERF. DEPTH</b>		<b>TOP CONN</b>	
<b>SIZE</b>	<b>WGT</b>	<b>TYPE</b>	<b>DEPTH</b>	<b>TOP</b>	<b>BTM</b>	<b>SIZE</b>	<b>THREAD</b>
			No packer	0	0	9.625	8RD
<b>DISPL. VOLUME</b>		<b>DISPL. FLUID</b>		<b>CAL. PSI</b>	<b>CAL. MAX PSI</b>	<b>OP. MAX</b>	<b>MAX TBG PSI</b>
<b>VOLUME</b>	<b>UOM</b>	<b>TYPE</b>	<b>WGT.</b>	<b>BUMP PLUG</b>	<b>TO REV.</b>	<b>SQ. PSI</b>	<b>RATED</b>
51.6	BBLS	Fresh Water	8.34	209	0	0	0
				<b>MAX CSG PSI</b>	<b>Operator</b>	<b>RATED</b>	<b>Operator</b>
						1816	1000
				<b>MIX WATER</b>			
				Rig			
<b>Circulation Prior to Job</b>							
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				Circulation Rate: 0 BPM			
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"/>			
<b>Displacement And Mud Removal</b>							
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: Visually			
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 checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE							
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 8		Type: <input 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							
<b>Plugs</b>							
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	
<b>Squeezes (Update Original Treatment Report for Primary Job)</b>							
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	
<b>Casing Test (Update Original Treatment Report for Primary Job)</b>							
Casing Test Pressure: 0 PSI With 0 LBS/GAL Mud				Time Held: 00 Hours 00 Minutes			
<b>Shoe Test (Update Original Treatment Report for Primary Job)</b>							
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) N/A							

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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

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: 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	2800 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
01:00	0	0	0	0	N/A	Pre-rig up safety meeting	
02:00	0	0	0	0	N/A	Pre-job safety meeting	
02:13	700	0	0	0	WATER	Low pressure test	
02:17	2800	0	0	0	WATER	High pressure test	
02:19	145	0	5.6	25	WATER	Pre-flush	
02:27	300	0	5.8	80	CEMENT	Batch-up and pump 331 sx of Type III Cement + 2.5% CaCl + 0.5 lbs/sk Cello Flake @ 14.5 ppg	
02:49	0	0	0	0	N/A	Drop plug	
02:51	260	0	5.7	28	WATER	Displace	
02:54	280	0	4.7	18	WATER	Rate change	
03:00	300	0	2.6	4	WATER	Rate change	
03:01	313	0	2.6	.5	WATER	1 bbl before shut-down	
03:02	3.5	0	2.6	1	WATER	Bump plug	
03:02	986	0	0	0	N/A	Plug down at 51.5 bbls, bled off pressure after 3 minutes but plug did not hold	
03:11	574	0	2	1	WATER	Bump plug again per customer request	
03:12	545	0	0	0	N/A	Shut-in pressure and leave head / manifold	
03:15	0	0	0	0	N/A	Pre-rig down safety meeting	
BUMPED PLUG <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 986	TEST FLOAT EQUIP. <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 20	TOTAL BBL. PUMPED 157.5	PSI LEFT ON CSG 545	SPOT TOP OUT CEMENT <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Service Supervisor Signature: 