

CEMENT JOB REPORT



CUSTOMER Comet Ridge USA, LLC			DATE 21-JUN-10		F.R. # 1001637305		SERV. SUPV. RYAN SULLIVAN		
LEASE & WELL NAME PATTI #32-29 - API 05043061820000			LOCATION 29-19S-69W			COUNTY-PARISH-BLOCK Fremont Colorado			
DISTRICT Brighton			DRILLING CONTRACTOR RIG # Capstar 314			TYPE OF JOB Intermediate			

SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES					
Cement Plug, Rubber, Top 7 in	Centralizer, with Pins, 7 in	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER	
	Guide Shoe, Cement Nose, 7 in								
MATERIALS FURNISHED BY BJ									
Fresh Water		0	8.34	0	0	00:00	5		
Fresh Water		0	8.34	0	0	00:00	149.2		
Type III + Adds		75	14.5	1.40	6.83	02:00	18.70	12.19	
Available Mix Water 50 Bbl. Available Displ. Fluid 200 Bbl.							TOTAL	172.90 12.19	

HOLE			TBG-CSG-D.P.				COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
8.75	0	3880	7	23	CSG	3870	J-55	3870	3789	0

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.
9.625	32.3	CSG	720	No packer	0	0	0	7	8RD		

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	
149.2	BBLs	Fresh Water	8.34	0	0	0	0	0	3488	2000	Frac tank

Circulation Prior to Job

Circulated Well: Rig ☐ BJ ☐ Circulation Time: 0 Circulation Rate: 0 BPM

Mud Density In: 0 LBS/GAL Mud Density Out: 0 LBS/GAL PV & YP Mud In: 0 PV & YP Mud Out: 0

Gas Present: NO ☒ YES ☐ Units: Solids Present at End of Circulation: NO ☒ YES ☐

Displacement And Mud Removal

Displaced By: Rig ☐ BJ ☒ Amount Bled Back After Job: .6 BBLs

Returns During Job: ☐ NONE ☐ PARTIAL ☐ FULL Method Used to Verify Returns: Visually

Cement Returns at Surface: ☐ YES ☒ NO Were Returns Planned at Surface: ☒ NO ☐ YES

Pipe Movement: ☐ ROTATION ☐ RECIPROICATION ☒ NONE ☐ UNABLE DUE TO STUCK PIPE

Centralizers: ☐ NO ☒ YES Quantity: 16 Type: ☐ BOW ☐ RIGID

Job Pumped Through: ☐ CHOKE MANIFOLD ☐ SQUEEZE MANIFOLD ☒ MANIFOLD ☐ NO MANIFOLD

Plugs

Number of Attempts by BJ: 0 Competition: 0 Wiper Balls Used: ☒ NO ☐ YES Quantity:

Plug Catcher Used: ☒ NO ☐ YES Parabow Used: ☒ NO ☐ YES

Was There a Bottom: ☒ NO ☐ YES Top of Plug: 0 FT Bottom of Plug: 0 FT

Squeezes (Update Original Treatment Report for Primary Job)

BLOCK SQUEEZE ☐ SHOE SQUEEZE ☐ TOP OF LINER SQUEEZE ☐ PLANNED ☐ UNPLANNED ☐

Liner Packer: ☒ NO ☐ YES Bond Log: ☒ NO ☐ 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

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	3100 PSI
						CIRCULATING WELL - RIG	<input type="checkbox"/> BJ <input type="checkbox"/>
02:50	0	0	0	0	N/A	Pre-rig up safety meeting	
03:45	0	0	0	0	N/A	Pre-job safety meeting	
03:52	1100	0	0	0	WATER	Low pressure test	
03:53	3100	0	0	0	WATER	High pressure test	
03:54	0	0	2.8	5	WATER	Pre-flush	
04:00	180	0	4.1	17	CEMENT	Batch-up and pump 75 sx of Type III + 1% CaCl @ 14.5 ppg	
04:08	0	0	0	0	N/A	Drop plug	
04:10	60	0	4.7	23	WATER	Displace	
04:14	110	0	5.6	124	WATER	Rate change	
04:37	60	0	2.8	1	WATER	Rate change	
04:37	615	0	0	148	WATER	Bump plug	
04:45	0	0	0	0	N/A	Pre-rig down safety meeting	
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	615	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	170	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	