

CEMENT JOB REPORT



CUSTOMER Comet Ridge USA, LLC		DATE 28-MAY-10	F.R.# 1001623160	SERV. SUPV. SCOTT D. SMITH		
LEASE & WELL NAME ORCA #44-19 - API 05043061860000		LOCATION Sec. 19 - T19S - R69W		COUNTY-PARISH-BLOCK Fremont Colorado		
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Capstar 314		TYPE OF JOB Surface		
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES		
Cement Plug, Rubber, Top 9-5/8 in		Float Shoe 9-5/8 - 8rd		SACKS OF CEMENT	SLURRY WGT PPG	
		Float Collar, Auto Fill, 9-5/8 - 8rd		SLURRY YLD FT ³	WATER GPS	
				PUMP TIME HR:MIN	Bbl SLURRY	
					Bbl MIX WATER	
MATERIALS FURNISHED BY BJ						
Fresh Water				0	8.34	
Type III Cement + additives				390	14.5	
Fresh Water				0	8.34	
Available Mix Water 500 Bbl.		Available Displ. Fluid 400 Bbl.		TOTAL		
				187.16	63.56	
HOLE		TBG-CSG-D.P.			COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH
12.25	0	852	9.625	32.3	CSG	852
				GRADE	SHOE	FLOAT
					852	821
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN
SIZE	WGT	TYPE	DEPTH	TOP	BTM	SIZE
			No Packer	0	0	9.625
				WELL FLUID		WGT.
				8 RD		10
				WATER BASED ML		
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI
63.7	BBLs	Fresh Water	8.34	0	263	0
				MAX TBG PSI	MAX CSG PSI	MIX WATER
				Operator	Operator	Rig Tank
				1816	1800	
Circulation Prior to Job						
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time: 2		Circulation Rate: 5 BPM	
Mud Density In: LBS/GAL			Mud Density Out: LBS/GAL		PV & YP Mud In:	
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>			Units:		PV & YP Mud Out:	
					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: 5 BBLs			
Returns During Job: <input type="checkbox"/> NONE <input checked="" type="checkbox"/> PARTIAL <input type="checkbox"/> FULL			Method Used to Verify Returns: Visual			
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"/> RECIPROICATION <input checked="" type="checkbox"/> NONE			UNABLE DUE TO STUCK PIPE			
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES			Quantity: 6		Type: <input checked="" 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						
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					Quantity:	
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			
Problems Before Job (I.E. Running Casing, Circulating Well, ETC) n/a						

CEMENT JOB REPORT



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	CO. REP.
	PIPE	ANNULUS				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
						TEST LINES: 3400 PSI	
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ
09:00	0	0	0	0	NONE	Pre Job Rig Up Safety Meeting	
10:50	0	0	0	0	NONE	Job Safety Meeting	
11:10	3400	0	0	0	H2O	Pressure Test	
11:12	1400	0	1.3	1	H2O	Open Baffle	
11:15	0	0	0	0	NONE	Turn over to rig for circulation	
13:10	3000	0	0	0	H2O	Pressure Test	
13:12	50	0	4.8	20	H2O	Pre Flush (20 bbls per customer)	
13:20	140	0	5	20	CMT	390 sks Type III + 2.5% Calcium Chloride; .25 lbs/sk Cello Flake	
13:28	70	0	4.2	74	CMT	Cement Slurry Rate / Pressure Change	
13:43	0	0	0	0	NONE	Drop Plug	
13:45	20	0	4.8	20	H2O	Displacement	
13:48	220	0	2	40	H2O	Displacement Rate/ Pressure Change	
14:07	350	0	1	6.25	H2O	Displacement Rate/ Pressure Change	
14:15	350	0	1	66.25	H2O	Bump Plug	
14:20	0	0	0	0	NONE	Plug Down	
14:20	0	0	0	0	NONE	Stop Service	

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"/>	350	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	30 14.5#	181.25	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	<i>Scott Cornett</i>

JPM

CEMENT JOB REPORT



CUSTOMER Comet Ridge USA, LLC		DATE 01-JUN-10	F.R.# 1001626673	SERV. SUPV. SCOTT D. SMITH											
LEASE & WELL NAME ORCA #44-19 - API 05043061860000		LOCATION Sec. 19 - T19S - R89W		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		Float Shoe 7-8rd		SACKS OF CEMENT	SLURRY WGT PPG										
		Float Collar, Auto. Fill, 7-8rd				SLURRY YLD FT ³	WATER GPS								
MATERIALS FURNISHED BY BJ				PUMP TIME HR:MIN	Bbl SLURRY										
Fresh Water						Bbl MIX WATER									
Claytreat Water				0	00:00										
Type III + Adds						0	00:00								
Available Mix Water 500 Bbl.		Available Displ. Fluid 400 Bbl.		TOTAL	195.1										
11.67					11.67										
HOLE		TBG-CSG-D.P.			COLLAR DEPTHS										
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE					
8.75	0	4096	7	23	CSG	4023	P-110	4023	3993	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.			
8.625	24	CSG	850	No packer		0	0	0	7	9 RD	OTHER				
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				
0	BBLs	Claytreat Water		8.34	0	0	0	0	0	5072	2000	Rig Tanks			
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: LBS/GAL				Mud Density Out: 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: 1.5 BBLs											
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input 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"/> RECIPROICATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE															
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 11				Type: <input checked="" 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															
Plugs															
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							
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											
Problems Before Job (I.E. Running Casing, Circulating Well, ETC)															
n/a															

CEMENT JOB REPORT



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	CO. REP.	
	PIPE	ANNULUS				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
						TEST LINES	4700 PSI	
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/>	BJ
01:00	0	0	0	0	NONE	Pre Job Rig Up Safety Meeting		
01:45	0	0	0	0	NONE	Job Safety Meeting		
02:25	4700	0	0	0	H2O	Pressure Test		
02:30	50	0	4.8	20	H2O	Pre Flush w/CT3C (per customer)		
02:35	160	0	5	18	CMT	72 sks Type III + 1% Calcium Chloride		
02:39	0	0	0	0	NONE	Drop plug		
02:41	180	0	7.6	10	H2O	Displacement (per customer)		
02:43	160	0	7.2	130	H2O	Displacement Rate / Pressure Change		
03:00	700	0	1.6	17	H2O	Displacement Rate / Pressure Change		
03:12	1780	0	1.6	157	H2O	Bump Plug		
03:15	0	0	0	0	NONE	Plug Down		
03:20	0	0	0	0	NONE	Post Job 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	1905	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	195	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<i>[Signature]</i>	

A. S. Mera