

Cementing Service Report

	Customer ENCANA USA - PARACHUTE FIELD OFC	Job Number 2218531469
Well	Location (legal) MF04C-9 D09A 696 1	Job Start 2008-Oct-26
	Schlumberger Location Grand Junction, CO	Well MD 1,500 ft
Field	Formation Name/Type North Parachute Surface	Well TVD 1,500 ft
County	State/Province Garfield Co	BHP °F 93
BHCT	Pore Press. Gradient psi/ft	BHST °F 0

Well Master:	0631071068	API / UWI:	
Rig Name	Drilled For	Service Via	Depth, ft
Patterson #182	Gas	Land	120
Offshore Zone	Well Class	Well Type	Depth, ft
	New	Development	1500

Drilling Fluid Type	Max. Density	Plastic Viscosity	CP
Bentonite	9.6 lb/gal	21	
Service Line	Job Type		
Cementing	Cem Surface Casing		

Max. Allowed Tubing Pressure	Max. Allowed Ann. Pressure	WellHead Connection	Top, ft
2000 psi	500 psi	9 5/8" Cement	0

Service Instructions	Bottom, ft	spf	No. of Shots
Cement 1500ft 9 5/8" casing with:	0	0	0
20 bbl water	0	0	0
207sks 12.5 G Lead	0	0	0
139sks 14.0 G Tail			
(25% XS)			

Casing/Tubing Secured	1 Hole Volume Circulated prior to Cementing	Casing Tools	Squeeze Job
Lift Pressure: 757 psi		Shoe Type: Guide	Squeeze Type

No. Centralizers:	Top Plugs:	Bottom Plugs:	Shoe Depth:
25	1	0	1530 ft
Cement Head Type:	Single	Stage Tool Type:	Tool Type:
in		ft	ft
Job Scheduled For:	Arrived on Location:	Leave Location:	Collar Type:
	2008-Oct-26 2:00	2008-Oct-26 8:00	Collar Depth: 1480 ft

	Date	Time	Treating	Pressure	Flow Rate	Density	Volume	RDA1 IN1	RDA1 IN2	RDA1 IN3	Message
		24 hr clock	psi	bbl/min	lb/gal	bbl	0	0	0		
	2008-Oct-2	7:33	3	0.0	8.29	0.0	N/A	N/A	N/A		
	2008-Oct-2	7:33									Start Job
	2008-Oct-2	7:33	3	0.0	8.29	0.0	N/A	N/A	N/A		
	2008-Oct-2	7:33	3	0.5	8.29	0.0	N/A	N/A	N/A		
	2008-Oct-2	7:33									Held safety meeting
	2008-Oct-2	7:33									Moved fluids
	2008-Oct-2	7:34									Pressure Test Lines
	2008-Oct-2	7:34	2626	0.0	8.28	0.3	N/A	N/A	N/A		
	2008-Oct-2	7:34									Test = success
	2008-Oct-2	7:34									Test to 2500 psi
	2008-Oct-2	7:34	2533	0.0	8.28	0.3	N/A	N/A	N/A		
	2008-Oct-2	7:35	2	0.0	8.28	0.3	N/A	N/A	N/A		
	2008-Oct-2	7:36	133	3.5	8.27	3.2	N/A	N/A	N/A		
	2008-Oct-2	7:36									Start Pumping Water
	2008-Oct-2	7:36	140	3.5	8.27	3.4	N/A	N/A	N/A		
	2008-Oct-2	7:36									Good returns
	2008-Oct-2	7:36									20 bbls H2O
	2008-Oct-2	7:37	246	4.8	8.27	5.2	N/A	N/A	N/A		
	2008-Oct-2	7:39	143	4.8	8.27	14.7	N/A	N/A	N/A		
	2008-Oct-2	7:40	170	4.8	8.27	20.4	N/A	N/A	N/A		
	2008-Oct-2	7:40									End Water

Well	Field	Service Date	Customer	Job Number						
MF04C-9 D09A 696 #1	North Parachute	08300-Oct-26	ENCANA USA - PARACHUTE FIELD OFC	2218531469						
Date	Time	Treating	Pressure	Flow Rate	Density	Volume	RDA1 IN1	RDA1 IN2	RDA1 IN3	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	0	0	0		
2008-Oct-2	7:40	166	4.7	8.27	20.5	N/A	N/A	N/A		
2008-Oct-2	7:40									Start Mixing Scav Slurry
2008-Oct-2	7:40	198	4.8	8.27	20.6	N/A	N/A	N/A		
2008-Oct-2	7:40									Bring to weight 8.34 ppg to 12.5 ppg
2008-Oct-2	7:40	136	4.8	8.27	20.8	N/A	N/A	N/A		
2008-Oct-2	7:40	266	4.8	12.64	22.7	N/A	N/A	N/A		
2008-Oct-2	7:40									End Scavenger Slurry Start Mixing Lead Slurry
2008-Oct-2	7:40	266	4.8	12.64	22.8	N/A	N/A	N/A		
2008-Oct-2	7:41									65 bbls @ 12.5 ppg
2008-Oct-2	7:41	178	4.8	12.63	22.8	N/A	N/A	N/A		
2008-Oct-2	7:41									Took wet & dry samples Good returns Samples = 12.5 ppg
2008-Oct-2	7:41									
2008-Oct-2	7:41	185	4.8	12.63	22.9	N/A	N/A	N/A		
2008-Oct-2	7:41	345	5.9	12.60	24.3	N/A	N/A	N/A		
2008-Oct-2	7:43	386	6.1	12.51	36.5	N/A	N/A	N/A		
2008-Oct-2	7:45	442	6.2	12.52	48.9	N/A	N/A	N/A		
2008-Oct-2	7:47	395	6.2	12.50	61.2	N/A	N/A	N/A		
2008-Oct-2	7:49	231	6.2	12.50	73.6	N/A	N/A	N/A		
2008-Oct-2	7:50									End Lead Slurry
2008-Oct-2	7:50	186	4.9	12.99	82.4	N/A	N/A	N/A		
2008-Oct-2	7:50	249	5.0	13.10	82.7	N/A	N/A	N/A		
2008-Oct-2	7:50									Start Mixing Scav Slurry
2008-Oct-2	7:50	232	5.0	13.44	82.9	N/A	N/A	N/A		
2008-Oct-2	7:50									Bring to weight 12.5 ppg to 14 ppg
2008-Oct-2	7:50									
2008-Oct-2	7:50	232	5.0	13.44	83.0	N/A	N/A	N/A		
2008-Oct-2	7:51	295	5.0	13.86	83.8	N/A	N/A	N/A		
2008-Oct-2	7:51									End Scavenger Slurry
2008-Oct-2	7:51	229	5.0	13.84	83.8	N/A	N/A	N/A		
2008-Oct-2	7:51									Start Mixing Tail Slurry
2008-Oct-2	7:51	229	5.0	13.84	83.9	N/A	N/A	N/A		
2008-Oct-2	7:51									47 bbls @ 14 ppg Good returns Samples = 14 ppg
2008-Oct-2	7:51									
2008-Oct-2	7:51	248	5.0	13.82	84.0	N/A	N/A	N/A		
2008-Oct-2	7:51									Took wet & dry samples
2008-Oct-2	7:51	212	5.0	13.74	85.2	N/A	N/A	N/A		
2008-Oct-2	7:53	338	5.2	14.03	94.9	N/A	N/A	N/A		
2008-Oct-2	7:55	254	5.9	14.05	106.7	N/A	N/A	N/A		
2008-Oct-2	7:57	344	6.1	14.03	118.9	N/A	N/A	N/A		
2008-Oct-2	7:59	344	6.2	13.93	130.1	N/A	N/A	N/A		
2008-Oct-2	7:59									End Tail Slurry
2008-Oct-2	7:59	391	6.2	13.94	130.3	N/A	N/A	N/A		
2008-Oct-2	7:59									Washup on plug
2008-Oct-2	7:59	379	6.2	13.92	131.2	N/A	N/A	N/A		
2008-Oct-2	8:01	35	0.1	14.17	136.3	N/A	N/A	N/A		
2008-Oct-2	8:03	49	2.2	9.76	137.3	N/A	N/A	N/A		
2008-Oct-2	8:05	101	4.6	8.45	145.0	N/A	N/A	N/A		
2008-Oct-2	8:06	171	6.1	8.32	149.9	N/A	N/A	N/A		
2008-Oct-2	8:06									Drop Top Plug

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Date	Time	Treating	Pressure	Flow Rate	Density	Volume	RDA1 IN1	RDA1 IN2	RDA1 IN3	Message
	24 hr clock	psi	bbbl/min	lb/gal	bbbl	0	0	0		
2008-Oct-2	8:06	171	6.1	8.32	150.0	N/A	N/A	N/A		
2008-Oct-2	8:06									Tattle tail successful
2008-Oct-2	8:06									Start Displacement
2008-Oct-2	8:06	202	6.2	8.31	150.2	N/A	N/A	N/A		
2008-Oct-2	8:06	196	6.1	8.31	150.3	N/A	N/A	N/A		
2008-Oct-2	8:06									Good returns
2008-Oct-2	8:06									Displaced 114 bbbls H2o
2008-Oct-2	8:07	197	6.1	8.28	156.3	N/A	N/A	N/A		
2008-Oct-2	8:09	130	6.0	8.25	168.3	N/A	N/A	N/A		
2008-Oct-2	8:11	131	6.1	8.26	180.5	N/A	N/A	N/A		
2008-Oct-2	8:13	147	6.2	8.25	192.7	N/A	N/A	N/A		
2008-Oct-2	8:15	371	6.1	8.14	204.9	N/A	N/A	N/A		
2008-Oct-2	8:17	237	5.7	8.25	216.7	N/A	N/A	N/A		
2008-Oct-2	8:19	340	5.8	8.25	228.3	N/A	N/A	N/A		
2008-Oct-2	8:21	362	3.8	8.25	238.1	N/A	N/A	N/A		
2008-Oct-2	8:23	413	1.6	8.25	244.9	N/A	N/A	N/A		
2008-Oct-2	8:25	490	1.7	8.25	248.2	N/A	N/A	N/A		
2008-Oct-2	8:27	466	1.6	8.25	251.4	N/A	N/A	N/A		
2008-Oct-2	8:29	1127	0.0	8.25	253.8	N/A	N/A	N/A		
2008-Oct-2	8:30	1120	0.0	8.25	253.8	N/A	N/A	N/A		
2008-Oct-2	8:30									Bump Top Plug
2008-Oct-2	8:30	1120	0.0	8.25	253.8	N/A	N/A	N/A		
2008-Oct-2	8:30									Bumped @ 1100 psi
2008-Oct-2	8:30									End Displacement
2008-Oct-2	8:30	1120	0.0	8.25	253.8	N/A	N/A	N/A		
2008-Oct-2	8:30									12 bbbl s cement to surface
2008-Oct-2	8:30									Float held 1 bbbl back
2008-Oct-2	8:30	1120	0.0	8.25	253.8	N/A	N/A	N/A		

Post Job Summary

Average Pump Rates, bpm		Volume of Fluid		bbbl	
Slurry	N2	Mud	Mud	Spacer	N2
4.91			0	21.44	
			6.91	111.73	
Treating Pressure Summary, psi			Breakdown Fluid		
Maximum	Final	Average	Bump Plug to	Breakdown	Density
2626.08		280.73	368		bbbl
Avg. N2 Percent	Designed Slurry	Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?
Volume	12	bbbl	114.27	62	°F
Customer or Authorized Representative	%	112 bbbl	114.27	62	°F
Samples, Robert			Schlumberger Supervisor	Washed Thru Perfs	To
			Bolding, Russell	CirculationLost	ft
					Job Completed