



Cementing Service Report

Customer CONOCO INC.						Job Number 2218528707				
Well SGU CP07C-27 L27 496 1			Location (legal)			Schlumberger Location Grand Junction, CO			Job Start 2008-May-15	
Field PICEANCE		Formation Name/Type Surface		Deviation 10 °		Bit Size 14.8 in		Well MD 2,450 ft		Well TVD 2,450 ft
County GARFIELD		State/Province CO		BHP 0 psi		BHST 112 °F		BHCT 92 °F		Pore Press. Gradient 0 psi/ft
Well Master: 0631019732		API / UWI:		Casing/Liner						
Rig Name PRECISION 406		Drilled For Gas		Service Via		Depth, ft 80		Size, in 20		Weight, lb/ft 65
Offshore Zone		Well Class New		Well Type Development		Grade K55		Thread BUTT		
Drilling Fluid Type Bentonite		Max. Density 9.1 lb/gal		Plastic Viscosity 20 cp		Tubing/Drill Pipe		Depth, ft		Size, in
Service Line Cementing		Job Type Cem Surface Casing				Weight, lb/ft		Grade		Thread
Max. Allowed Tubing Pressure 2000 psi		Max. Allowed Ann. Pressure 1000 psi		Wellhead Connection 9 5/8" Cement Head		Perforations/Open Hole		Top, ft		Bottom, ft
						spf		No. of Shots		Total Interval
						0		0		0 ft
						0		0		Diameter
						0		0		0 in
						Treat Down Casing		Displacement bbl		Packer Type
						Tubing Vol. bbl		Casing Vol. bbl		Annular Vol. bbl
										Packer Depth ft
										Open Hole Vol bbl
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Volume Circulated prior to Cementing <input checked="" type="checkbox"/>		Casing Tools		Squeeze Job				
Lift Pressure: 1204 psi		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Type: Guide		Squeeze Type		
						Shoe Depth: 2434 ft		Tool Type:		
No. Centralizers: 23		Top Plugs: 1		Bottom Plugs: 0		Stage Tool Type:		Tool Depth: ft		
Cement Head Type: Single						Stage Tool Depth: ft		Tail Pipe Size: in		
Job Scheduled For:		Arrived on Location: 2008-May-15 10:00		Leave Location: 2008-May-15 23:00		Collar Type: Diff-Fill		Tail Pipe Depth: ft		
						Collar Depth: 2396 ft		Sqz Total Vol: bbl		
Date	Time	Treating Pressure psi	Flow Rate bbl/min	Density lb/gal	Volume bbl	0	0	0	Message	
2008-May-15	18:25	91	1.0	8.52	0.0	0	0	0		
2008-May-15	18:25	118	2.4	8.50	0.2	0	0	0		
2008-May-15	18:25								Pressure test successful	
2008-May-15	18:25								Pressure test to 2500 psi	
2008-May-15	18:25								Start Pumping Spacer	
2008-May-15	18:25	114	2.5	8.49	0.4	0	0	0		
2008-May-15	18:27	150	5.0	8.47	6.8	0	0	0		
2008-May-15	18:27								10 bbl water	
2008-May-15	18:27								Good returns	
2008-May-15	18:27	155	4.9	8.47	7.0	0	0	0		
2008-May-15	18:28								End Spacer	
2008-May-15	18:28	187	4.1	8.13	11.6	0	0	0		
2008-May-15	18:28								Reset Total, Vol = 11.80 bbl	
2008-May-15	18:28	150	4.1	8.13	11.8	0	0	0		
2008-May-15	18:28								Start Pumping Mud	
2008-May-15	18:28	141	4.1	8.18	12.1	0	0	0		
2008-May-15	18:29	132	4.1	8.45	15.9	0	0	0		
2008-May-15	18:31	118	2.1	8.86	23.2	0	0	0		
2008-May-15	18:33	109	2.1	8.92	27.4	0	0	0		
2008-May-15	18:35	95	2.3	8.98	31.8	0	0	0		
2008-May-15	18:37	127	3.0	8.92	37.2	0	0	0		

Well		Field			Service Date		Customer			Job Number
SGU CP07C-27 L27 496 #1		PICEANCE			08136-May-15		CONOCO INC.			2218528707
Date	Time	Treating Pressure	Flow Rate	Density	Volume	0	0	0	Message	
	24 hr clock	psi	bbl/min	lb/gal	bbl	0	0	0		
2008-May-15	18:38								Good returns	
2008-May-15	18:38								CemNet+ added at 5 LB/bbl	
2008-May-15	18:38	141	3.1	8.92	40.7	0	0	0		
2008-May-15	18:38								150 bbl mud with CemNet+	
2008-May-15	18:39	173	3.1	8.95	43.3	0	0	0		
2008-May-15	18:41	104	3.1	8.92	49.4	0	0	0		
2008-May-15	18:43	132	3.4	8.88	55.8	0	0	0		
2008-May-15	18:45	127	3.4	8.92	62.5	0	0	0		
2008-May-15	18:47	136	3.3	8.89	69.2	0	0	0		
2008-May-15	18:49	191	3.3	8.91	75.9	0	0	0		
2008-May-15	18:51	136	3.4	8.89	82.5	0	0	0		
2008-May-15	18:53	155	4.3	8.86	90.6	0	0	0		
2008-May-15	18:55	141	4.1	8.88	99.2	0	0	0		
2008-May-15	18:57	164	3.4	8.92	107.0	0	0	0		
2008-May-15	18:59	132	3.0	8.92	113.2	0	0	0		
2008-May-15	19:01	141	2.9	8.86	119.1	0	0	0		
2008-May-15	19:03	178	3.2	8.89	125.4	0	0	0		
2008-May-15	19:05	150	4.3	8.86	132.9	0	0	0		
2008-May-15	19:07	146	4.1	8.87	141.6	0	0	0		
2008-May-15	19:09	127	3.3	8.89	148.7	0	0	0		
2008-May-15	19:11	141	3.4	9.04	155.4	0	0	0		
2008-May-15	19:13	118	3.3	8.88	161.9	0	0	0		
2008-May-15	19:13								End Mud	
2008-May-15	19:13	109	3.3	8.88	162.0	0	0	0		
2008-May-15	19:13								Reset Total, Vol = 150.17 bbl	
2008-May-15	19:13	109	3.3	8.88	162.1	0	0	0		
2008-May-15	19:13	114	3.3	8.88	162.2	0	0	0		
2008-May-15	19:13								Start Pumping Water	
2008-May-15	19:13	155	3.3	8.88	162.4	0	0	0		
2008-May-15	19:13								20 bbl fresh water	
2008-May-15	19:13	146	3.3	8.88	162.4	0	0	0		
2008-May-15	19:13								Good returns	
2008-May-15	19:15	141	3.4	8.53	168.8	0	0	0		
2008-May-15	19:17								End Water	
2008-May-15	19:17	104	3.4	8.70	175.5	0	0	0		
2008-May-15	19:17	114	3.3	8.73	175.6	0	0	0		
2008-May-15	19:17								Start Pumping Spacer	
2008-May-15	19:17	127	3.4	8.73	175.7	0	0	0		
2008-May-15	19:17								Reset Total, Vol = 13.71 bbl	
2008-May-15	19:17	118	3.4	8.72	175.8	0	0	0		
2008-May-15	19:17								Good returns	
2008-May-15	19:17								30 bbl S1 Solution	
2008-May-15	19:19	118	4.3	8.67	183.5	0	0	0		
2008-May-15	19:21	146	4.3	8.96	192.2	0	0	0		
2008-May-15	19:22								End Spacer	
2008-May-15	19:22	114	4.4	8.71	198.5	0	0	0		
2008-May-15	19:22								Reset Total, Vol = 23.08 bbl	
2008-May-15	19:22	141	4.4	8.69	198.8	0	0	0		
2008-May-15	19:22	141	4.4	8.70	198.9	0	0	0		
2008-May-15	19:22								Start Pumping Water	
2008-May-15	19:22								20 bbl fresh water	
2008-May-15	19:22								Good returns	
2008-May-15	19:22	127	4.4	8.75	199.1	0	0	0		
2008-May-15	19:23	114	4.3	8.51	200.9	0	0	0		

Well		Field			Service Date		Customer			Job Number
SGU CP07C-27 L27 496 #1		PICEANCE			08136-May-15		CONOCO INC.			2218528707
Date	Time	Treating Pressure	Flow Rate	Density	Volume	0	0	0	Message	
	24 hr clock	psi	bbl/min	lb/gal	bbl	0	0	0		
2008-May-15	19:25	164	5.7	8.44	211.9	0	0	0		
2008-May-15	19:26								End Water	
2008-May-15	19:26	178	5.7	8.47	220.7	0	0	0		
2008-May-15	19:26	196	5.7	8.47	221.1	0	0	0		
2008-May-15	19:26								Reset Total, Vol = 22.38 bbl	
2008-May-15	19:27	214	5.8	8.47	221.7	0	0	0		
2008-May-15	19:27								Start Pumping ZoneLock	
2008-May-15	19:27								30 bbl ZoneLock	
2008-May-15	19:27								Good returns	
2008-May-15	19:27	200	5.7	8.47	221.9	0	0	0		
2008-May-15	19:27	214	5.7	8.47	223.3	0	0	0		
2008-May-15	19:29	205	5.7	8.48	234.8	0	0	0		
2008-May-15	19:31	187	5.7	8.48	246.3	0	0	0		
2008-May-15	19:32								End ZoneLock	
2008-May-15	19:32	173	5.8	8.44	250.8	0	0	0		
2008-May-15	19:32								Start Pumping Water	
2008-May-15	19:32	168	5.7	8.44	250.9	0	0	0		
2008-May-15	19:33	173	5.8	8.48	257.8	0	0	0		
2008-May-15	19:35	127	4.3	8.47	267.3	0	0	0		
2008-May-15	19:36	196	5.8	8.60	273.6	0	0	0		
2008-May-15	19:36								Good returns	
2008-May-15	19:36								20 bbl fresh water	
2008-May-15	19:36	178	5.8	8.65	273.8	0	0	0		
2008-May-15	19:36								End Water	
2008-May-15	19:36								Reset Total, Vol = 52.88 bbl	
2008-May-15	19:36	210	6.6	8.70	274.0	0	0	0		
2008-May-15	19:36	178	6.6	8.76	274.2	0	0	0		
2008-May-15	19:36								Start Mixing Scav Slurry	
2008-May-15	19:36								8.34 ppg to 11 ppg	
2008-May-15	19:36								Good returns	
2008-May-15	19:36	205	6.7	8.87	274.6	0	0	0		
2008-May-15	19:37	205	6.4	10.15	277.4	0	0	0		
2008-May-15	19:37	233	6.4	10.97	280.0	0	0	0		
2008-May-15	19:37								End Scavenger Slurry	
2008-May-15	19:37								Start Mixing Lead Slurry	
2008-May-15	19:37	219	6.4	11.12	280.5	0	0	0		
2008-May-15	19:39	219	6.4	11.09	290.3	0	0	0		
2008-May-15	19:41	223	6.6	11.11	303.3	0	0	0		
2008-May-15	19:43	223	6.7	10.97	316.5	0	0	0		
2008-May-15	19:45	214	6.7	11.08	329.8	0	0	0		
2008-May-15	19:47	214	6.5	10.98	344.2	0	0	0		
2008-May-15	19:49	219	6.7	11.15	357.3	0	0	0		
2008-May-15	19:51	173	5.4	10.73	371.3	0	0	0		
2008-May-15	19:53	214	6.7	10.84	384.1	0	0	0		
2008-May-15	19:55								540 bbl @ 11 ppg with CemNet	
2008-May-15	19:55	205	6.7	11.02	395.8	0	0	0		
2008-May-15	19:55								Took wet sample	
2008-May-15	19:55	205	6.7	11.02	395.9	0	0	0		
2008-May-15	19:55								Sample = 11 ppg	
2008-May-15	19:55	205	6.7	11.00	396.1	0	0	0		
2008-May-15	19:55								Good returns	
2008-May-15	19:55	205	6.7	10.99	396.2	0	0	0		
2008-May-15	19:55	200	6.8	10.96	397.6	0	0	0		
2008-May-15	19:57	242	7.3	11.11	410.9	0	0	0		

Well		Field			Service Date		Customer			Job Number
SGU CP07C-27 L27 496 #1		PICEANCE			08136-May-15		CONOCO INC.			2218528707
Date	Time	Treating Pressure	Flow Rate	Density	Volume	0	0	0	Message	
	24 hr clock	psi	bbl/min	lb/gal	bbl	0	0	0		
2008-May-15	19:59	260	7.7	11.11	426.0	0	0	0		
2008-May-15	20:01	237	7.4	11.06	439.8	0	0	0		
2008-May-15	20:03	251	7.5	10.98	454.8	0	0	0		
2008-May-15	20:05	255	7.6	11.03	469.9	0	0	0		
2008-May-15	20:07	255	5.9	11.02	483.6	0	0	0		
2008-May-15	20:09	265	4.0	11.05	496.3	0	0	0		
2008-May-15	20:11	265	4.0	11.11	504.4	0	0	0		
2008-May-15	20:13	251	7.7	10.97	515.3	0	0	0		
2008-May-15	20:15	233	7.5	11.01	529.9	0	0	0		
2008-May-15	20:17	255	7.2	10.99	544.9	0	0	0		
2008-May-15	20:19	246	7.8	11.08	559.6	0	0	0		
2008-May-15	20:21	260	5.4	11.00	572.1	0	0	0		
2008-May-15	20:23	255	4.7	11.06	583.8	0	0	0		
2008-May-15	20:25	260	7.6	11.07	596.8	0	0	0		
2008-May-15	20:27	260	8.1	11.02	612.8	0	0	0		
2008-May-15	20:29	233	7.5	11.15	627.9	0	0	0		
2008-May-15	20:31	287	8.2	11.08	644.2	0	0	0		
2008-May-15	20:33	242	7.9	11.05	660.1	0	0	0		
2008-May-15	20:35	265	7.6	11.06	675.5	0	0	0		
2008-May-15	20:37	233	7.9	11.10	690.9	0	0	0		
2008-May-15	20:39	274	8.1	11.01	706.9	0	0	0		
2008-May-15	20:41	274	7.8	10.95	722.5	0	0	0		
2008-May-15	20:43	251	7.6	11.01	737.9	0	0	0		
2008-May-15	20:45	237	7.3	11.15	752.5	0	0	0		
2008-May-15	20:47	320	8.3	11.03	768.4	0	0	0		
2008-May-15	20:49	265	7.6	11.23	784.2	0	0	0		
2008-May-15	20:51	333	8.3	11.03	800.2	0	0	0		
2008-May-15	20:53								End Lead Slurry	
2008-May-15	20:53	251	6.8	11.28	814.0	0	0	0		
2008-May-15	20:53								Reset Total, Vol = 540.33 bbl	
2008-May-15	20:53	242	6.7	11.26	814.4	0	0	0		
2008-May-15	20:53								Start Mixing Scav Slurry	
2008-May-15	20:53	251	6.7	11.29	814.6	0	0	0		
2008-May-15	20:53								Cement to surface	
2008-May-15	20:53	251	6.7	11.39	814.9	0	0	0		
2008-May-15	20:53								11 ppg to 12.5 ppg	
2008-May-15	20:53	228	5.9	11.43	815.0	0	0	0		
2008-May-15	20:54								Good returns	
2008-May-15	20:54	365	8.1	12.50	819.2	0	0	0		
2008-May-15	20:55								End Scavenger Slurry	
2008-May-15	20:55	384	8.1	12.80	827.7	0	0	0		
2008-May-15	20:55	379	8.1	12.75	827.9	0	0	0		
2008-May-15	20:55								Start Mixing Tail Slurry	
2008-May-15	20:55	347	8.1	12.72	828.9	0	0	0		
2008-May-15	20:56	315	7.6	12.50	838.2	0	0	0		
2008-May-15	20:56								Took wet sample	
2008-May-15	20:56								112 bbl @ 12.5 ppg	
2008-May-15	20:56								Sample = 12.5 ppg	
2008-May-15	20:56								Good returns	
2008-May-15	20:56	310	7.6	12.49	838.3	0	0	0		
2008-May-15	20:57	246	6.5	12.69	843.8	0	0	0		
2008-May-15	20:59	228	6.4	12.68	857.3	0	0	0		
2008-May-15	21:01	301	7.4	12.49	871.8	0	0	0		
2008-May-15	21:03	278	7.5	12.51	886.4	0	0	0		

Well		Field			Service Date		Customer			Job Number
SGU CP07C-27 L27 496 #1		PICEANCE			08136-May-15		CONOCO INC.			2218528707
Date	Time	Treating Pressure	Flow Rate	Density	Volume	0	0	0	Message	
	24 hr clock	psi	bbl/min	lb/gal	bbl	0	0	0		
2008-May-15	21:05	196	5.7	12.88	898.9	0	0	0		
2008-May-15	21:07	173	5.6	12.43	912.6	0	0	0		
2008-May-15	21:09	132	2.2	12.43	924.4	0	0	0		
2008-May-15	21:10	81	2.3	12.63	927.2	0	0	0		
2008-May-15	21:10								End Tail Slurry	
2008-May-15	21:10	81	2.3	12.66	927.4	0	0	0		
2008-May-15	21:10								Reset Total, Vol = 113.03 bbl	
2008-May-15	21:10								Drop Top Plug	
2008-May-15	21:10	77	2.3	12.40	927.7	0	0	0		
2008-May-15	21:10	72	2.3	11.76	927.9	0	0	0		
2008-May-15	21:10								Start Displacement	
2008-May-15	21:10	72	2.3	10.92	928.3	0	0	0		
2008-May-15	21:10								Good returns	
2008-May-15	21:10								185 bbl fresh water	
2008-May-15	21:11	72	2.3	9.95	929.1	0	0	0		
2008-May-15	21:13	72	2.3	8.67	933.7	0	0	0		
2008-May-15	21:15	155	6.7	8.51	943.0	0	0	0		
2008-May-15	21:17	159	6.8	8.47	956.5	0	0	0		
2008-May-15	21:19	178	6.7	8.50	970.0	0	0	0		
2008-May-15	21:21	200	6.7	8.51	983.5	0	0	0		
2008-May-15	21:23	228	6.7	8.51	997.0	0	0	0		
2008-May-15	21:25	269	6.7	8.51	1010.4	0	0	0		
2008-May-15	21:27	315	6.7	8.51	1023.9	0	0	0		
2008-May-15	21:29	361	6.7	8.51	1037.3	0	0	0		
2008-May-15	21:31	384	6.7	8.51	1050.6	0	0	0		
2008-May-15	21:33	439	5.9	8.47	1063.8	0	0	0		
2008-May-15	21:35	484	6.4	8.51	1076.9	0	0	0		
2008-May-15	21:37	434	4.4	8.54	1082.1	0	0	0		
2008-May-15	21:39	493	4.3	8.44	1090.7	0	0	0		
2008-May-15	21:41	416	1.7	-3.11	1094.9	0	0	0		
2008-May-15	21:43	402	4.3	-3.12	1099.2	0	0	0		
2008-May-15	21:45	654	4.3	8.46	1107.8	0	0	0		
2008-May-15	21:47	1588	0.2	8.46	1116.1	0	0	0		
2008-May-15	21:47								End Displacement	
2008-May-15	21:47	1674	0.0	8.47	1116.1	0	0	0		
2008-May-15	21:47								Bump Top Plug	
2008-May-15	21:47	1674	0.0	8.47	1116.1	0	0	0		
2008-May-15	21:47								Bump plu to 1650 psi	
2008-May-15	21:47	1674	0.0	8.47	1116.1	0	0	0		
2008-May-15	21:49	40	0.0	8.48	1116.1	0	0	0		
2008-May-15	21:51	45	6.8	0.60	1123.6	0	0	0		
2008-May-15	21:51								Good returns throughout job	
2008-May-15	21:51	40	6.8	0.70	1125.4	0	0	0		
2008-May-15	21:51								Float held, 1 bbl back	
2008-May-15	21:51								297 bbl cement to surface	
2008-May-15	21:51	45	6.9	0.63	1125.5	0	0	0		
2008-May-15	21:51								End Job	
2008-May-15	21:51	45	6.8	0.56	1125.6	0	0	0		

Well SGU CP07C-27 L27 496 #1			Field PICEANCE			Service Date 08136-May-15		Customer CONOCO INC.			Job Number 2218528707					
Date	Time 24 hr clock	Treating Pressure psi	Flow Rate bbl/min	Density lb/gal	Volume bbl	0	0	0	Message							
						0	0	0								
Post Job Summary																
Average Pump Rates, bpm						Volume of Fluid Injected, bbl										
Slurry		N2		Mud		Maximum Rate		Total Slurry		Mud		Spacer		N2		
5						8		652				250				
Treating Pressure Summary, psi						Breakdown Fluid										
Maximum		Final		Average		Bump Plug to		Breakdown		Volume		Density				
2500				200		1650						bbl lb/gal				
Avg. N2 Percent		Designed Slurry Volume		Displacement		Mix Water Temp		<input checked="" type="checkbox"/>		Cement Circulated to Surface?		Volume		297 bbl		
%		652 bbl		185 bbl		60 °F		<input type="checkbox"/>		Washed Thru Perfs		To		ft		
Customer or Authorized Representative Niefer, Chad				Schlumberger Supervisor Wanczyk, David				<input type="checkbox"/> CirculationLost					<input checked="" type="checkbox"/> Job Completed			