



# Cementing Service Report

Customer <b>CONOCOPHILLIPS COMPANY</b>						Job Number <b>2218530418</b>				
Well <b>SGU CP07C-27 L27 496 1</b>			Location (legal)			Schlumberger Location <b>Grand Junction, CO</b>			Job Start <b>2008-Jun-20</b>	
Field <b>Piceance Creek</b>		Formation Name/Type <b>Dirty-Sandstone</b>		Deviation <b>0 °</b>		Bit Size <b>8.88 in</b>	Well MD <b>7,000 ft</b>	Well TVD <b>7,000 ft</b>		
County <b>Garfield</b>		State/Province <b>Colorado</b>		BHP <b>0 psi</b>	BHST <b>210 °F</b>	BHCT <b>175 °F</b>	Pore Press. Gradient <b>0 psi/ft</b>			
Well Master: <b>0631019732</b>		API / UWI:		<b>Casing/Liner</b>						
Rig Name <b>PRECISION 406</b>	Drilled For <b>Gas</b>	Service Via <b>Land</b>		Depth, ft <b>7000</b>	Size, in <b>7</b>	Weight, lb/ft <b>23</b>	Grade <b>P110</b>	Thread <b>BUTT</b>		
Offshore Zone	Well Class <b>New</b>	Well Type <b>Development</b>		2005	9.63	36	K55	8RD		
Drilling Fluid Type <b>Bentonite</b>			Max. Density <b>9.1 lb/gal</b>	Plastic Vi <b>21 cp</b>	<b>Tubing/Drill Pipe</b>					
Service Line <b>Cementing</b>	Job Type <b>Set Cement Plug P/W</b>		Depth,	Size, in	Weight, lb/ft	Grade	Thread			
Max. Allowed Tubing Pressure <b>4000 psi</b>	Max. Allowed Ann. Pressure <b>2000 psi</b>	WellHead Connection <b>7 in head and man</b>		<b>Perforations/Open Hole</b>						
Top, ft	Bottom, ft	spf	No. of Shots	Total Interval <b>ft</b>						
Diameter <b>in</b>	Treat Down <b>Drill Pipe</b>	Displacement <b>72 bbl</b>	Packer Type <b>None</b>	Packer Depth <b>5657 ft</b>						
Tubing Vol. <b>bbl</b>	Casing Vol. <b>bbl</b>	Annular Vol. <b>bbl</b>	OpenHole Vol <b>bbl</b>							
Casing/Tubing Secured <input checked="" type="checkbox"/>			1 Hole Volume Circulated prior to Cementing <input type="checkbox"/>			<b>Casing Tools</b>			<b>Squeeze Job</b>	
Lift Pressure: <b>psi</b>			Shoe Type: <b>Diff-Fill</b>			Squeeze Type				
Pipe Rotated <input type="checkbox"/>			Pipe Reciprocated <input type="checkbox"/>			Shoe Depth: <b>ft</b>			Tool Type:	
No. Centralizers: <b>0</b>	Top Plugs: <b>1</b>	Bottom Plugs:		Stage Tool Type			Tool Depth: <b>ft</b>			
Cement Head Type: <b>Single</b>			Stage Tool Depth: <b>ft</b>			Tail Pipe Size: <b>in</b>				
Job Scheduled For:		Arrived on Location: <b>2008-Jun-20 17:00</b>		Leave Location: <b>2008-Jun-20 22:00</b>		Collar Type: <b>Diff-Fill</b>		Tail Pipe Depth: <b>ft</b>		
						Collar Depth: <b>ft</b>		Sqz Total Vol: <b>bbl</b>		
Date	Time	Treating Pressure psi	Flow Rate bbl/min	Density lb/gal	Volume bbl	RDA1 IN1	RDA1 IN2	RDA1 IN3	Message	
	24 hr clock					<b>0</b>	<b>0</b>	<b>0</b>		
2008-Jun-20	17:46	5	0.0	8.43	0.0	N/A	N/A	N/A		
2008-Jun-20	17:46	5	0.0	8.43	0.0	N/A	N/A	N/A		
2008-Jun-20	17:46								Start Job	
2008-Jun-20	17:46								Held safety meeting	
2008-Jun-20	17:46	5	0.0	8.43	0.0	N/A	N/A	N/A		
2008-Jun-20	17:46								Moved fluids	
2008-Jun-20	17:48	-1	0.0	8.43	0.0	N/A	N/A	N/A		
2008-Jun-20	17:50	0	0.0	8.43	0.0	N/A	N/A	N/A		
2008-Jun-20	17:51	1433	0.0	8.43	0.3	N/A	N/A	N/A		
2008-Jun-20	17:51								Pressure Test Lines	
2008-Jun-20	17:52	10	0.0	8.43	0.3	N/A	N/A	N/A		
2008-Jun-20	17:54	9	0.0	8.43	0.3	N/A	N/A	N/A		
2008-Jun-20	17:56	9	0.0	8.43	0.3	N/A	N/A	N/A		
2008-Jun-20	17:58	9	0.0	8.43	0.3	N/A	N/A	N/A		
2008-Jun-20	18:00	8	0.0	8.43	0.3	N/A	N/A	N/A		
2008-Jun-20	18:01								Test to 1500 psi = success	
2008-Jun-20	18:01	14	0.7	8.50	0.3	N/A	N/A	N/A		
2008-Jun-20	18:01	13	0.5	9.17	0.3	N/A	N/A	N/A		
2008-Jun-20	18:01								Start Mixing Scav Slurry	
2008-Jun-20	18:01								Bring to weight	
2008-Jun-20	18:01								8.34 ppg to 15.8 ppg	
2008-Jun-20	18:01	40	0.7	9.86	0.3	N/A	N/A	N/A		

Well		Field			Service Date		Customer			Job Number
SGU CP07C-27 L27 496 #1		Piceance Creek			08172-Jun-20		CONOCOPHILLIPS COMPANY			2218530418
Date	Time	Treating Pressure	Flow Rate	Density	Volume	RDA1 IN1	RDA1 IN2	RDA1 IN3	Message	
	24 hr clock	psi	bb/min	lb/gal	bbl	0	0	0		
2008-Jun-20	18:02	136	1.9	15.27	2.3	N/A	N/A	N/A		
2008-Jun-20	18:02	89	1.9	15.28	3.3	N/A	N/A	N/A		
2008-Jun-20	18:02								End Scavenger Slurry	
2008-Jun-20	18:02	97	1.9	15.28	3.4	N/A	N/A	N/A		
2008-Jun-20	18:02								Start Cement Slurry	
2008-Jun-20	18:02								12 bbls @ 15.8 ppg	
2008-Jun-20	18:02	85	1.9	15.28	3.4	N/A	N/A	N/A		
2008-Jun-20	18:02								Took wet sample @ 15.8	
2008-Jun-20	18:04	82	1.9	15.64	6.1	N/A	N/A	N/A		
2008-Jun-20	18:06	126	1.9	15.99	9.9	N/A	N/A	N/A		
2008-Jun-20	18:07	98	1.9	16.04	12.2	N/A	N/A	N/A		
2008-Jun-20	18:07								End Cement Slurry	
2008-Jun-20	18:08	13	0.0	15.11	13.1	N/A	N/A	N/A		
2008-Jun-20	18:10	64	2.8	8.44	15.0	N/A	N/A	N/A		
2008-Jun-20	18:12	176	4.0	8.43	21.2	N/A	N/A	N/A		
2008-Jun-20	18:14	177	4.0	8.43	29.1	N/A	N/A	N/A		
2008-Jun-20	18:16	173	4.0	8.43	37.1	N/A	N/A	N/A		
2008-Jun-20	18:18	175	4.0	8.43	45.0	N/A	N/A	N/A		
2008-Jun-20	18:19	152	4.0	8.43	50.3	N/A	N/A	N/A		
2008-Jun-20	18:19								Start Displacement	
2008-Jun-20	18:19	153	4.0	8.43	50.3	N/A	N/A	N/A		
2008-Jun-20	18:19								Displaced 72 bbls	
2008-Jun-20	18:19								Underdisplacing by 1 bbl	
2008-Jun-20	18:19								Rig reverse circulate 1.5 x vol.	
2008-Jun-20	18:19								Plug balanced	
2008-Jun-20	18:19	153	4.0	8.43	50.4	N/A	N/A	N/A		
2008-Jun-20	18:20	170	4.0	8.43	53.0	N/A	N/A	N/A		
2008-Jun-20	18:22	172	4.0	8.43	60.9	N/A	N/A	N/A		
2008-Jun-20	18:24	154	4.0	8.43	68.9	N/A	N/A	N/A		
2008-Jun-20	18:26	157	4.0	8.43	76.8	N/A	N/A	N/A		
2008-Jun-20	18:28	291	2.4	8.43	81.8	N/A	N/A	N/A		
2008-Jun-20	18:30	298	0.9	8.43	84.5	N/A	N/A	N/A		
2008-Jun-20	18:30								End Displacement	
2008-Jun-20	18:30	297	0.9	8.42	85.1	N/A	N/A	N/A		
2008-Jun-20	18:32	279	0.0	8.43	85.8	N/A	N/A	N/A		
2008-Jun-20	18:34	89	0.0	8.43	85.8	N/A	N/A	N/A		
2008-Jun-20	18:36	46	0.0	8.43	85.8	N/A	N/A	N/A		
2008-Jun-20	18:38	10	0.0	8.43	85.8	N/A	N/A	N/A		
2008-Jun-20	18:40	2	0.0	8.43	85.8	N/A	N/A	N/A		
2008-Jun-20	18:42	3	0.0	8.43	85.8	N/A	N/A	N/A		
2008-Jun-20	18:44	2	0.0	8.43	85.8	N/A	N/A	N/A		
2008-Jun-20	18:46	2	0.0	8.43	85.8	N/A	N/A	N/A		
2008-Jun-20	18:48	2	0.0	8.43	85.8	N/A	N/A	N/A		
2008-Jun-20	18:48								Squeezed 3 times 1 bbl 400 psi	
2008-Jun-20	18:48	2	0.0	8.43	85.8	N/A	N/A	N/A		
2008-Jun-20	18:48								Co man gave approval	
2008-Jun-20	18:48	2	0.0	8.43	85.8	N/A	N/A	N/A		
2008-Jun-20	18:50	2	0.0	8.43	85.8	N/A	N/A	N/A		
2008-Jun-20	18:52	2	0.0	8.43	85.8	N/A	N/A	N/A		
2008-Jun-20	18:54	2	0.0	8.43	85.8	N/A	N/A	N/A		
2008-Jun-20	18:56	2	0.0	8.43	85.8	N/A	N/A	N/A		
2008-Jun-20	18:58	2	0.0	8.43	85.8	N/A	N/A	N/A		
2008-Jun-20	19:00	2	0.0	8.43	85.8	N/A	N/A	N/A		
2008-Jun-20	19:02	2	0.0	8.42	85.8	N/A	N/A	N/A		

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Date	Time	Treating Pressure	Flow Rate	Density	Volume	RDA1 IN1	RDA1 IN2	RDA1 IN3	Message	
	24 hr clock	psi	bb/min	lb/gal	bbl	0	0	0		
2008-Jun-20	19:04	2	0.0	8.42	85.8	N/A	N/A	N/A		
2008-Jun-20	19:06	2	0.0	8.43	85.8	N/A	N/A	N/A		
2008-Jun-20	19:08	2	0.0	8.43	85.8	N/A	N/A	N/A		
2008-Jun-20	19:10	3	0.0	8.42	85.8	N/A	N/A	N/A		
2008-Jun-20	19:12	2	0.0	8.42	85.8	N/A	N/A	N/A		
2008-Jun-20	19:14	3	0.0	8.43	85.8	N/A	N/A	N/A		
2008-Jun-20	19:16	3	0.0	8.43	85.8	N/A	N/A	N/A		
2008-Jun-20	19:18	2	0.0	8.43	85.8	N/A	N/A	N/A		
2008-Jun-20	19:20	2	0.0	8.43	85.8	N/A	N/A	N/A		
2008-Jun-20	19:22	2	0.0	8.43	85.8	N/A	N/A	N/A		
2008-Jun-20	19:24	2	0.0	8.43	85.8	N/A	N/A	N/A		
2008-Jun-20	19:26	2	0.0	8.43	85.8	N/A	N/A	N/A		
2008-Jun-20	19:28	2	0.0	8.43	85.8	N/A	N/A	N/A		
2008-Jun-20	19:30	2	0.0	8.43	85.8	N/A	N/A	N/A		
2008-Jun-20	19:32	2	0.0	8.43	85.8	N/A	N/A	N/A		
2008-Jun-20	19:34	2	0.0	8.43	85.8	N/A	N/A	N/A		
2008-Jun-20	19:36	2	0.0	8.43	85.8	N/A	N/A	N/A		
2008-Jun-20	19:38	2	0.0	8.43	85.8	N/A	N/A	N/A		
2008-Jun-20	19:40	2	0.0	8.43	85.8	N/A	N/A	N/A		
2008-Jun-20	19:49	49	0.4	8.54	86.0	N/A	N/A	N/A		
2008-Jun-20	19:51	314	0.7	8.44	87.3	N/A	N/A	N/A		
2008-Jun-20	19:53	240	0.0	8.44	87.3	N/A	N/A	N/A		
2008-Jun-20	19:55	225	0.0	8.43	87.3	N/A	N/A	N/A		
2008-Jun-20	19:57	213	0.0	8.43	87.3	N/A	N/A	N/A		
2008-Jun-20	19:59	355	0.6	8.43	88.0	N/A	N/A	N/A		
2008-Jun-20	20:01	328	0.0	8.43	88.4	N/A	N/A	N/A		
2008-Jun-20	20:03	302	0.0	8.43	88.4	N/A	N/A	N/A		
2008-Jun-20	20:05	288	0.0	8.43	88.4	N/A	N/A	N/A		
2008-Jun-20	20:07	276	0.0	8.43	88.4	N/A	N/A	N/A		
2008-Jun-20	20:09	266	0.0	8.43	88.4	N/A	N/A	N/A		
2008-Jun-20	20:11	255	0.0	8.43	88.4	N/A	N/A	N/A		
2008-Jun-20	20:13	344	0.0	8.43	89.1	N/A	N/A	N/A		
2008-Jun-20	20:15	316	0.0	8.43	89.1	N/A	N/A	N/A		
2008-Jun-20	20:17	298	0.0	8.43	89.1	N/A	N/A	N/A		
2008-Jun-20	20:19	279	0.0	8.43	89.1	N/A	N/A	N/A		
2008-Jun-20	20:21	269	0.0	8.43	89.1	N/A	N/A	N/A		
2008-Jun-20	20:23	262	0.0	8.43	89.1	N/A	N/A	N/A		
2008-Jun-20	20:25	397	0.7	8.43	89.6	N/A	N/A	N/A		
2008-Jun-20	20:27	322	0.0	8.43	89.7	N/A	N/A	N/A		
2008-Jun-20	20:29	301	0.0	8.43	89.7	N/A	N/A	N/A		
2008-Jun-20	20:31	287	0.0	8.43	89.7	N/A	N/A	N/A		
2008-Jun-20	20:33	274	0.0	8.43	89.7	N/A	N/A	N/A		
2008-Jun-20	20:35	266	0.0	8.43	89.7	N/A	N/A	N/A		
2008-Jun-20	20:37	256	0.0	8.43	89.7	N/A	N/A	N/A		
2008-Jun-20	20:39	249	0.0	8.43	89.7	N/A	N/A	N/A		
2008-Jun-20	20:41	243	0.0	8.43	89.7	N/A	N/A	N/A		
2008-Jun-20	20:43	237	0.0	8.43	89.7	N/A	N/A	N/A		
2008-Jun-20	20:45	231	0.0	8.43	89.7	N/A	N/A	N/A		
2008-Jun-20	20:47	225	0.0	8.43	89.7	N/A	N/A	N/A		
2008-Jun-20	20:49	222	0.0	8.43	89.7	N/A	N/A	N/A		
2008-Jun-20	20:51	384	0.0	8.43	90.6	N/A	N/A	N/A		
2008-Jun-20	20:53	1	0.0	8.43	90.6	N/A	N/A	N/A		
2008-Jun-20	20:55	-2	0.0	8.43	90.6	N/A	N/A	N/A		
2008-Jun-20	20:57	-1	0.0	8.43	90.6	N/A	N/A	N/A		

<b>Well</b> SGU CP07C-27 L27 496 #1		<b>Field</b> Piceance Creek		<b>Service Date</b> 08172-Jun-20		<b>Customer</b> CONOCOPHILLIPS COMPANY			<b>Job Number</b> 2218530418	
<b>Date</b>	<b>Time</b> 24 hr clock	<b>Treating Pressure</b> psi	<b>Flow Rate</b> bbl/min	<b>Density</b> lb/gal	<b>Volume</b> bbl	<b>RDA1 IN1</b> 0	<b>RDA1 IN2</b> 0	<b>RDA1 IN3</b> 0	<b>Message</b>	
<b>Post Job Summary</b>										
<b>Average Pump Rates, bpm</b>					<b>Volume of Fluid Injected, bbl</b>					
<b>Slurry</b>	<b>N2</b>	<b>Mud</b>	<b>Maximum Rate</b>		<b>Total Slurry</b>	<b>Mud</b>	<b>Spacer</b>	<b>N2</b>		
2.26			4.15		9.18	0	3.47			
<b>Treating Pressure Summary, psi</b>					<b>Breakdown Fluid</b>					
<b>Maximum</b>	<b>Final</b>	<b>Average</b>	<b>Bump Plug to</b>	<b>Breakdown</b>	<b>Volume</b>			<b>Density</b>		
1642.48		186.05			bbl			lb/gal		
<b>Avg. N2 Percent</b>	<b>Designed Slurry Volume</b>		<b>Displacement</b>	<b>Mix Water Temp</b>	<input type="checkbox"/> <b>Cement Circulated to Surface?</b>		<b>Volume</b>	<b>bbl</b>		
%	12 bbl		35.94 bbl	81 °F	<input type="checkbox"/> <b>Washed Thru Perfs</b>		<b>To</b>	<b>ft</b>		
<b>Customer or Authorized Representative</b> Neifer, Chad			<b>Schlumberger Supervisor</b> Bolding, Russell			<input type="checkbox"/> <b>CirculationLost</b>		<input checked="" type="checkbox"/> <b>Job Completed</b>		