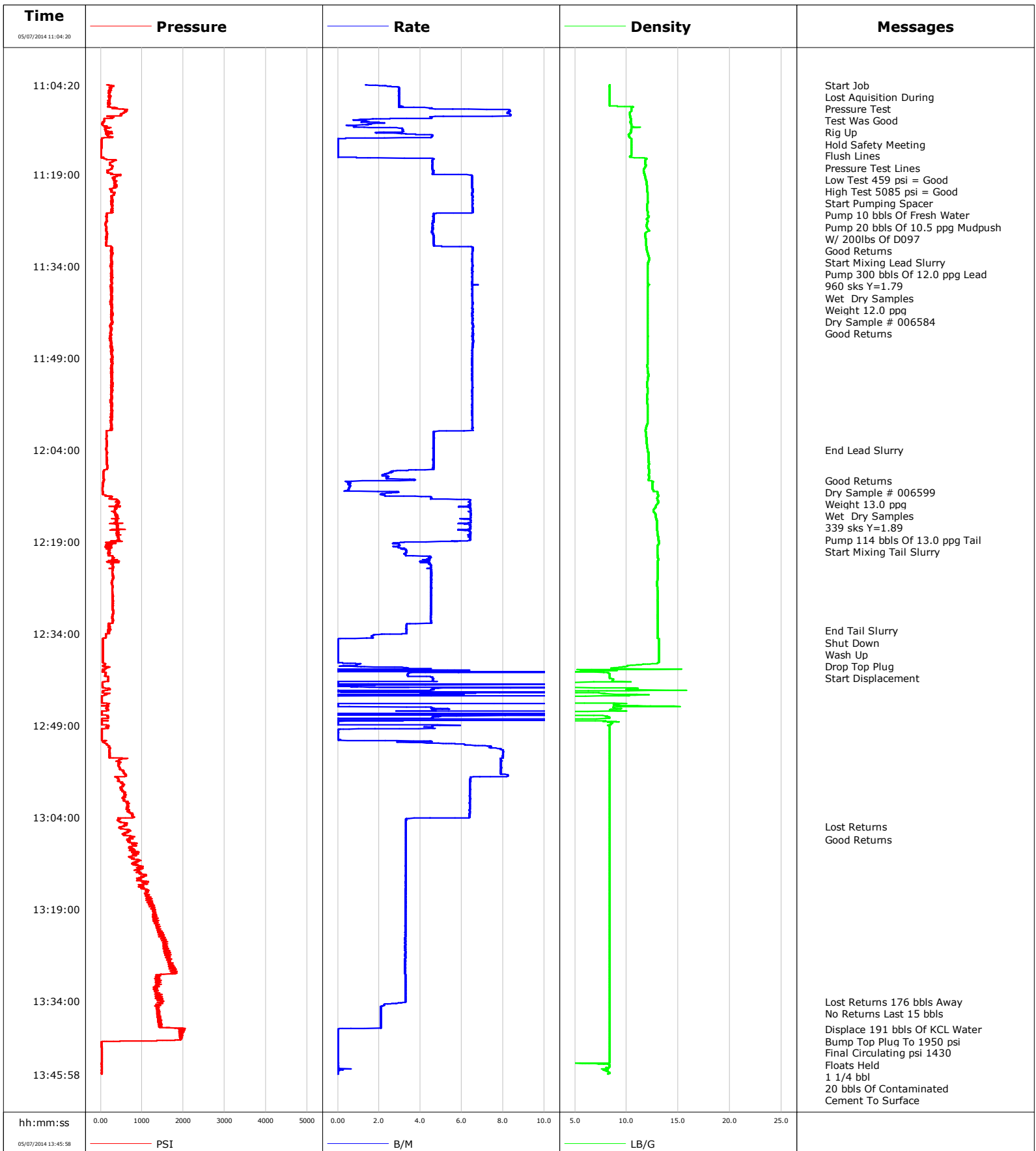


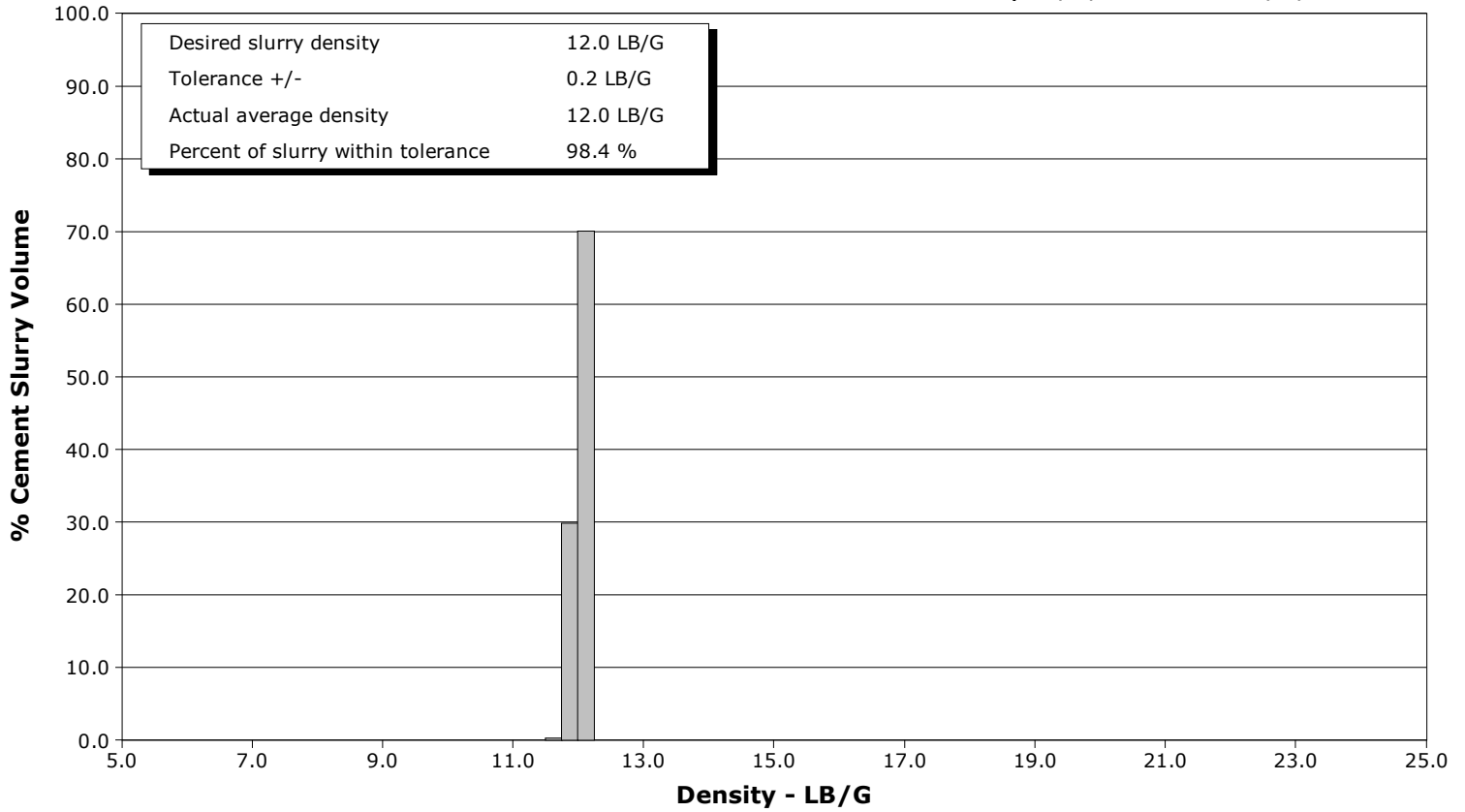
<b>Well</b>	John Craig 2-2	<b>Client</b>	Nighthawk
<b>Field</b>	Wildcat	<b>SIR No.</b>	
<b>Engineer</b>	Justin Zika	<b>Job Type</b>	Production
<b>Country</b>	United States	<b>Job Date</b>	05-07-2014



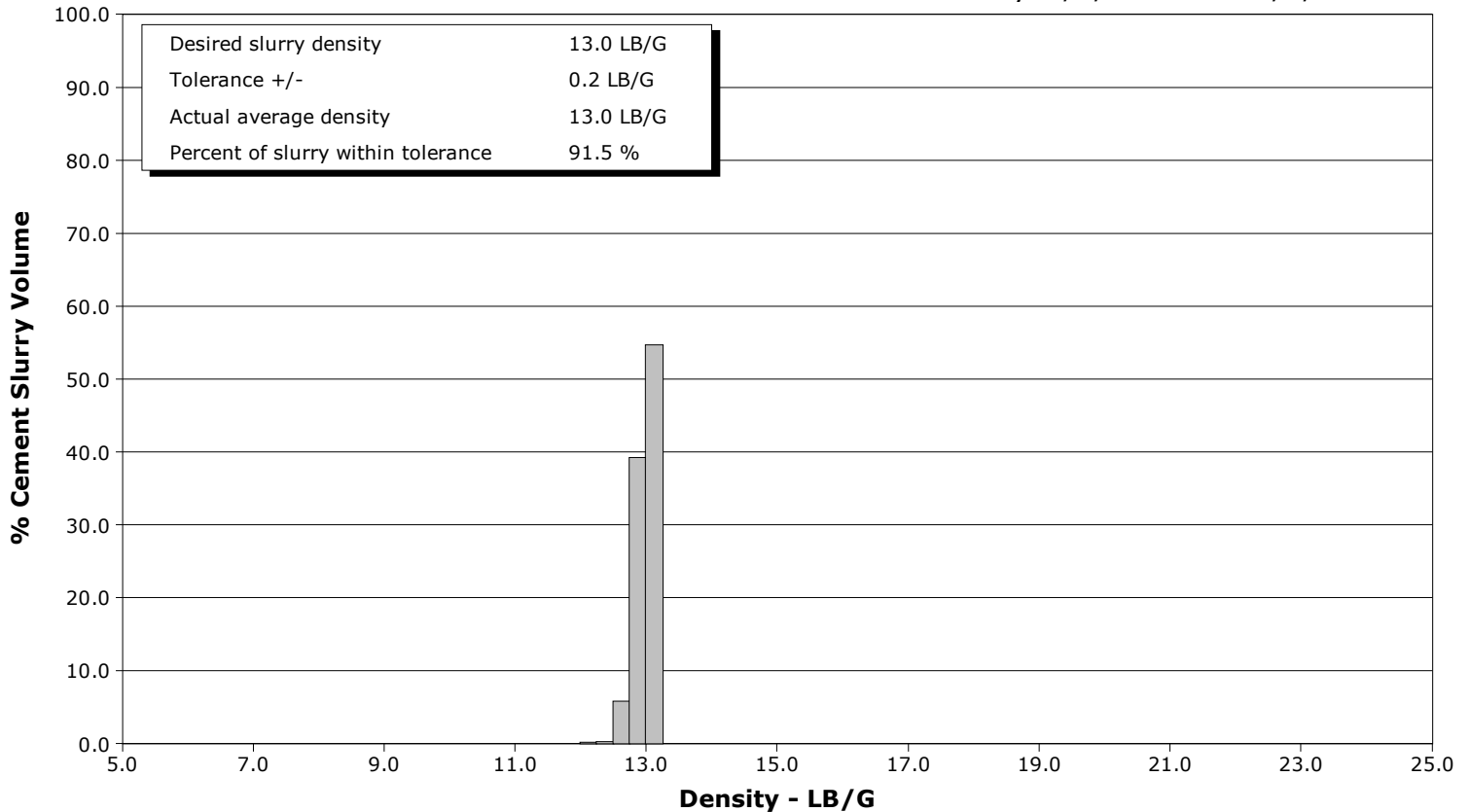
**Well** John Craig 2-2  
**Field** Wildcat  
**Engineer** Justin Zika  
**Country** United States

**Client** Nighthawk  
**SIR No.**  
**Job Type** Production  
**Job Date** 05-07-2014

Lead Slurry - 05/07/2014 11:19:00 to 05/07/2014 12:04:00



Tail Slurry - 05/07/2014 12:09:00 to 05/07/2014 12:33:32





Well		Field		Job Start	Customer	Job Number
John Craig 2-2 2-2		Wildcat		May/07/2014	Nighthawk	1955980
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
05/07/2014	11:04:47					W/ 200lbs Of D097
05/07/2014	11:04:47					Good Returns
05/07/2014	11:04:47	233	3.0	8.34	1.0	
05/07/2014	11:05:25	200	3.0	8.34	2.9	
05/07/2014	11:07:05	193	3.0	8.34	7.8	
05/07/2014	11:08:45	623	8.3	10.44	15.3	
05/07/2014	11:10:25	57	1.3	10.38	24.0	
05/07/2014	11:12:05	141	2.8	10.42	27.5	
05/07/2014	11:13:45	16	0.0	10.46	31.1	
05/07/2014	11:15:25	9	0.0	10.45	31.1	
05/07/2014	11:17:05	234	4.6	11.78	34.6	
05/07/2014	11:18:45	168	4.6	11.69	42.3	
05/07/2014	11:19:00					Start Mixing Lead Slurry
05/07/2014	11:19:00					Pump 300 bbls Of 12.0 ppg Lead
05/07/2014	11:19:00					960 sks Y=1.79
05/07/2014	11:19:00					Wet Dry Samples
05/07/2014	11:19:00					Weight 12.0 ppg
05/07/2014	11:19:00					Dry Sample # 006584
05/07/2014	11:19:00					Good Returns
05/07/2014	11:19:00	249	4.6	11.72	43.4	
05/07/2014	11:20:25	356	6.5	11.93	52.5	
05/07/2014	11:22:05	324	6.5	12.01	63.4	
05/07/2014	11:23:45	274	6.5	12.03	74.2	
05/07/2014	11:25:25	168	4.6	12.04	84.9	
05/07/2014	11:27:05	111	4.6	11.98	92.6	
05/07/2014	11:28:45	147	4.6	11.81	100.3	
05/07/2014	11:30:25	128	4.7	11.89	108.0	
05/07/2014	11:32:05	253	6.5	12.08	118.2	
05/07/2014	11:33:45	241	6.5	12.05	129.1	
05/07/2014	11:35:25	250	6.5	12.03	139.9	
05/07/2014	11:37:05	248	6.5	12.10	150.8	
05/07/2014	11:38:45	255	6.5	12.03	161.7	
05/07/2014	11:40:25	261	6.5	12.02	172.5	
05/07/2014	11:42:05	291	6.5	12.01	183.4	
05/07/2014	11:43:45	219	6.5	12.04	194.2	
05/07/2014	11:45:25	246	6.5	12.04	205.1	
05/07/2014	11:47:05	266	6.5	12.01	216.0	
05/07/2014	11:48:45	286	6.5	12.01	226.9	
05/07/2014	11:50:25	270	6.5	12.00	237.7	
05/07/2014	11:52:05	270	6.5	12.09	248.6	
05/07/2014	11:53:45	258	6.5	12.00	259.4	
05/07/2014	11:55:25	256	6.5	11.99	270.3	
05/07/2014	11:57:05	259	6.5	12.02	281.1	
05/07/2014	11:58:45	247	6.5	12.03	291.9	
05/07/2014	12:00:25	249	6.5	11.88	302.8	
05/07/2014	12:02:05	137	4.6	11.92	311.5	
05/07/2014	12:03:45	131	4.6	12.00	319.2	
05/07/2014	12:04:00					End Lead Slurry
05/07/2014	12:04:00	138	4.6	12.03	320.3	
05/07/2014	12:05:25	151	4.6	12.13	326.9	
05/07/2014	12:07:05	150	4.6	12.14	334.6	
05/07/2014	12:08:45	81	2.7	12.13	339.1	
05/07/2014	12:09:00					Good Returns
05/07/2014	12:09:00					Dry Sample # 006599

Well		Field		Job Start	Customer		Job Number
John Craig 2-2 2-2		Wildcat		May/07/2014	Nighthawk		1955980
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
05/07/2014	12:09:00					Wet Dry Samples	
05/07/2014	12:09:00					339 sks Y=1.89	
05/07/2014	12:09:00					Pump 114 bbls Of 13.0 ppg Tail	
05/07/2014	12:09:00					Start Mixing Tail Slurry	
05/07/2014	12:09:00	82	3.6	12.12	340.0		
05/07/2014	12:10:25	45	0.5	12.52	340.9		
05/07/2014	12:12:05	394	6.1	12.97	345.4		
05/07/2014	12:13:45	360	6.4	12.63	356.0		
05/07/2014	12:15:25	381	6.4	12.91	366.6		
05/07/2014	12:17:05	445	5.8	12.95	377.2		
05/07/2014	12:18:45	398	6.4	13.11	387.8		
05/07/2014	12:20:25	221	3.3	12.96	393.6		
05/07/2014	12:22:05	306	4.5	13.04	399.9		
05/07/2014	12:23:45	280	4.5	13.01	407.3		
05/07/2014	12:25:25	274	4.5	12.95	414.8		
05/07/2014	12:27:05	279	4.5	13.01	422.3		
05/07/2014	12:28:45	294	4.5	13.00	429.9		
05/07/2014	12:30:25	305	4.5	13.01	437.4		
05/07/2014	12:32:05	289	4.5	13.01	444.9		
05/07/2014	12:33:32					End Tail Slurry	
05/07/2014	12:33:32	205	3.3	13.02	450.0		
05/07/2014	12:33:44					Shut Down	
05/07/2014	12:33:44					Wash Up	
05/07/2014	12:33:44	199	3.3	13.01	450.7		
05/07/2014	12:33:45	220	3.3	13.01	450.8		
05/07/2014	12:33:46					Drop Top Plug	
05/07/2014	12:33:46	175	3.3	13.01	450.8		
05/07/2014	12:33:47					Start Displacement	
05/07/2014	12:33:47	175	3.3	13.01	450.9		
05/07/2014	12:35:25	56	0.0	13.12	453.1		
05/07/2014	12:37:05	52	0.0	13.12	453.1		
05/07/2014	12:38:45	51	0.0	13.12	453.1		
05/07/2014	12:40:25	133	3.5	8.21	458.3		
05/07/2014	12:42:05	38	0.0	1.75	464.2		
05/07/2014	12:43:45	132	4.8	7.72	471.6		
05/07/2014	12:45:25	183	25.0	9.91	504.0		
05/07/2014	12:47:05	27	22.0	0.27	517.3		
05/07/2014	12:48:45	27	0.0	8.50	531.1		
05/07/2014	12:50:25	27	0.0	8.34	534.0		
05/07/2014	12:52:05	156	6.1	8.34	536.7		
05/07/2014	12:53:45	223	8.0	8.35	549.4		
05/07/2014	12:55:25	439	7.9	8.35	562.6		
05/07/2014	12:57:05	609	8.2	8.35	575.7		
05/07/2014	12:58:45	531	6.4	8.35	586.9		
05/07/2014	13:00:25	603	6.4	8.35	597.6		
05/07/2014	13:02:05	653	6.4	8.35	608.2		
05/07/2014	13:03:45	757	6.4	8.35	618.9		
05/07/2014	13:05:25	558	3.3	8.35	625.6		
05/07/2014	13:05:31					Lost Returns	
05/07/2014	13:05:31	538	3.3	8.35	625.9		
05/07/2014	13:07:05	710	3.3	8.35	631.1		
05/07/2014	13:07:36					Good Returns	
05/07/2014	13:07:36	667	3.3	8.35	632.8		
05/07/2014	13:08:45	766	3.3	8.35	636.5		

Well			Field		Job Start	Customer	Job Number
John Craig 2-2 2-2			Wildcat		May/07/2014	Nighthawk	1955980
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
05/07/2014	13:12:05	1022	3.3	8.35	647.5		
05/07/2014	13:13:45	1054	3.3	8.35	653.0		
05/07/2014	13:15:25	934	3.3	8.35	658.5		
05/07/2014	13:17:05	1137	3.3	8.35	664.0		
05/07/2014	13:18:45	1282	3.3	8.35	669.4		
05/07/2014	13:20:25	1305	3.3	8.35	674.9		
05/07/2014	13:22:05	1354	3.3	8.35	680.4		
05/07/2014	13:23:45	1498	3.3	8.35	685.8		
05/07/2014	13:25:25	1615	3.3	8.35	691.3		
05/07/2014	13:27:05	1642	3.3	8.35	696.7		
05/07/2014	13:28:45	1658	3.3	8.35	702.1		
05/07/2014	13:30:25	1340	3.3	8.35	707.6		
05/07/2014	13:32:05	1318	3.3	8.35	713.1		
05/07/2014	13:33:45	1444	3.3	8.35	718.5		
05/07/2014	13:34:06					Lost Returns 176 bbls Away	
05/07/2014	13:34:06	1497	3.3	8.35	719.7		
05/07/2014	13:34:07					No Returns Last 15 bbls	
05/07/2014	13:34:07	1485	3.3	8.35	719.7		
05/07/2014	13:35:25	1417	2.1	8.35	722.8		
05/07/2014	13:37:05	1431	2.1	8.35	726.3		
05/07/2014	13:38:36					Displace 191 bbls Of KCL Water	
05/07/2014	13:38:36	1893	0.0	8.35	729.2		
05/07/2014	13:38:37					Bump Top Plug To 1950 psi	
05/07/2014	13:38:37	1893	0.0	8.35	729.2		
05/07/2014	13:38:41					Final Circulating psi 1430	
05/07/2014	13:38:41	2032	0.0	8.35	729.2		
05/07/2014	13:38:42					Floats Held	
05/07/2014	13:38:42					1 1/4 bbl	
05/07/2014	13:38:42					20 bbls Of Contaminated	
05/07/2014	13:38:42					Cement To Surface	
05/07/2014	13:38:42					Rig Down	
05/07/2014	13:38:42	2032	0.0	8.35	729.2		
05/07/2014	13:38:43					End Job	
05/07/2014	13:38:43	1909	0.0	8.35	729.2		
05/07/2014	13:38:45	2039	0.0	8.35	729.2		
05/07/2014	13:40:25	1801	0.0	8.35	729.3		
05/07/2014	13:42:05	24	0.0	8.35	729.3		
05/07/2014	13:43:45	24	0.0	8.35	729.3		
05/07/2014	13:45:25	24	0.0	8.02	729.3		

<b>Well</b> John Craig 2-2 2-2	<b>Field</b> Wildcat	<b>Job Start</b> May/07/2014	<b>Customer</b> Nighthawk	<b>Job Number</b> 1955980
-----------------------------------	-------------------------	---------------------------------	------------------------------	------------------------------

### Post Job Summary

Average Pump Rates,					Volume of Fluid Injected, bbl			
<b>Slurry</b>	<b>N2</b>	<b>Mud</b>	<b>Maximum Rate</b>	<b>Total Slurry</b> 426.0	<b>Mud</b>	<b>Spacer</b> 30.0	<b>N2</b>	
<b>Treating Pressure Summary, psi</b>					<b>Breakdown Fluid</b>			
<b>Maximum</b> 5000	<b>Final</b> 1430	<b>Average</b>	<b>Bump Plug to</b> 1950	<b>Breakdown</b>	<b>Type</b>	<b>Volume</b>	<b>Density</b>	
<b>Avg. N2 Percent</b>	<b>Designed Slurry Volume</b> 426.0 bbl	<b>Displacement</b> 191.0 bbl	<b>Mix Water Temp</b> 60 degF	<b>Cement Circulated to Surface?</b> <input checked="" type="checkbox"/>	<b>Volume</b>	20.0 bbl		
				<b>Washed Thru Perfs</b> <input type="checkbox"/>	<b>To</b>			
<b>Customer or Authorized Representative</b> Jim Weir			<b>Schlumberger Supervisor</b> Justin Zika		<b>Circulation Lost</b> <input type="checkbox"/>	<b>Job Completed</b> <input type="checkbox"/>		
				-	-			