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Well			Field		Job Start		Customer		Job Number	
Horsetail 07E-1836 07E-1836			Wildcat		Feb/10/2016		Whiting Oil & Gas		2266144	
Date	Time 24-hr clock	Treating Pressure PSI		Flow Rate B/M	Density LB/G		Volume BBL		Message	
02/10/2016	10:48:38		241	5.3	14.22		1.9		SKS = 794 Y = 1.5	
02/10/2016	10:48:51		208	5.3	14.23		3.1		Take Dry Sample	
02/10/2016	10:49:06		218	5.3	14.23		4.4			
02/10/2016	10:50:36		218	5.3	14.25		12.4			
02/10/2016	10:52:06		218	5.3	14.26		20.3			
02/10/2016	10:53:36		220	5.3	14.27		28.3			
02/10/2016	10:55:06		237	5.3	14.26		36.2			
02/10/2016	10:56:36		222	5.3	14.26		44.2			
02/10/2016	10:58:06		218	5.3	14.26		52.2			
02/10/2016	10:59:36		225	5.3	14.26		60.2			
02/10/2016	11:01:06		250	5.3	14.26		68.1			
02/10/2016	11:02:36		253	5.3	14.27		76.1			
02/10/2016	11:04:06		242	5.3	14.27		84.1			
02/10/2016	11:05:36		216	5.3	14.27		92.0			
02/10/2016	11:07:06		235	5.3	14.27		100.0			
02/10/2016	11:08:36		248	5.3	14.26		108.0			
02/10/2016	11:10:06		220	5.3	14.26		115.9			
02/10/2016	11:11:36		220	5.3	14.26		123.9			
02/10/2016	11:13:06		244	5.3	14.26		131.9			
02/10/2016	11:14:36		271	5.3	14.26		139.8			
02/10/2016	11:16:06		239	5.3	14.26		147.7			
02/10/2016	11:17:36		233	5.3	14.26		155.7			
02/10/2016	11:19:06		221	5.3	14.26		163.6			
02/10/2016	11:20:36		249	5.3	14.26		171.6			
02/10/2016	11:22:06		272	5.3	14.26		179.6			
02/10/2016	11:23:36		267	5.3	14.31		187.5			
02/10/2016	11:25:06		117	3.4	14.28		194.2			
02/10/2016	11:26:36		116	3.5	14.09		199.3			
02/10/2016	11:27:00		114	3.5	14.08		200.7		End Tail Slurry	
02/10/2016	11:28:06		22	0.0	14.99		203.7			
02/10/2016	11:29:36		24	0.0	14.74		203.7			
02/10/2016	11:31:06		24	0.0	14.61		203.7			
02/10/2016	11:32:36		25	0.0	14.55		203.7			
02/10/2016	11:34:00		25	0.0	14.73		0.0		Drop Top Plug	
02/10/2016	11:34:06		43	0.0	14.85		0.0			
02/10/2016	11:35:36		76	3.9	8.46		5.1			
02/10/2016	11:37:06		65	3.4	8.90		10.4			
02/10/2016	11:38:36		64	3.5	8.57		15.4			
02/10/2016	11:39:26		50	2.9	8.55		18.1		Displace 155 BBLS Mud	
02/10/2016	11:40:06		78	4.1	8.46		20.5			
02/10/2016	11:41:36		86	4.0	9.24		26.6			
02/10/2016	11:43:06		115	5.2	9.24		33.9			
02/10/2016	11:44:36		203	5.0	9.21		41.5			
02/10/2016	11:46:06		205	4.6	9.26		48.5			
02/10/2016	11:47:36		267	0.0	9.39		55.5			
02/10/2016	11:49:06		348	0.0	9.36		63.3			
02/10/2016	11:50:36		382	0.0	9.35		71.1			
02/10/2016	11:52:06		405	6.2	9.22		79.0			
02/10/2016	11:53:36		516	5.2	9.26		86.8			
02/10/2016	11:55:06		496	5.2	9.26		94.7			
02/10/2016	11:56:36		568	5.2	9.25		102.5			
02/10/2016	11:58:06		600	5.2	9.25		110.3			
02/10/2016	11:59:36		653	5.2	9.23		118.2			
02/10/2016	12:01:06		649	5.2	8.45		126.0			

Well		Field		Job Start	Customer	Job Number
Horsetail 07E-1836 07E-1836		Wildcat		Feb/10/2016	Whiting Oil & Gas	2266144
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
02/10/2016	12:04:06	632	4.5	8.40	140.1	
02/10/2016	12:05:36	680	4.5	8.40	146.9	
02/10/2016	12:07:06	737	4.5	8.40	153.6	
02/10/2016	12:08:00	579	2.2	8.39	157.2	Bump Top Plug 1200 PSI
02/10/2016	12:08:36	583	2.3	8.39	158.5	
02/10/2016	12:10:06	1208	0.0	8.40	159.2	
02/10/2016	12:11:00	1206	0.0	8.40	159.2	Floats Holding
02/10/2016	12:11:36	30	0.0	8.40	159.2	
02/10/2016	12:13:06	23	0.0	8.40	159.2	
02/10/2016	12:14:36	23	0.0	8.40	159.2	
02/10/2016	12:16:06	23	0.0	8.40	159.2	
02/10/2016	12:17:14	24	0.0	8.40	159.2	40 BBLs Cement To Surface

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 4.7	N2	Mud	Maximum Rate 5.5	Total Slurry 394.8	Mud 0.0	Spacer 28.8	N2	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 3095	Final 23	Average 380	Bump Plug to 1200	Breakdown	Type	Volume bbl	Density lb/gal	
Avg. N2 Percent %	Designed Slurry Volume 212.0 bbl	Displacement 142.4 bbl	Mix Water Temp 50 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>	Washed Thru Perfs <input type="checkbox"/>	Volume 40.0 bbl	To ft	
Customer or Authorized Representative Kenny Wilkerson			Schlumberger Supervisor Conley Jensen/ Ken Sovereign			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>	

Well Horsetail 07E-1836

Field Wildcat

Engineer Conley Jensen/ Ken Sovereign

Country United States

Client Whiting Oil Gas

SIR No. 2266144

Job Type 9 5/8" Surface

Job Date 02-10-2016
