

				Customer			Job Number			
				Noble Energy			DKFJ-00055			
Well		Location (legal)			Schlumberger Location			Job Start		
Wells Ranch AF05-625								Mar/27/2016		
Field		Formation Name/Type		Deviation	Bit Size	Well MD		Well TVD		
DJ				deg	8.5 in	ft		ft		
County		State/Province		BHP	BHST	BHCT	Pore Press. Gradient			
Weld		Colorado		psi	230 degF	230 degF	lb/gal			
Well Master		API/UWI								
0631653065		05123421360000								
Rig Name	Drilled For		Service Via		Casing/Liner					
H&P 343	Oil		Land		Depth, ft	Size, in	Weight, lb/ft	Grade	Thread	
Offshore Zone	Well Class		Well Type		16030.0	5.5	20.0	P110	BUTT	
	New		Development		0.0	0.0	0.0			
Drilling Fluid Type		Max. Density	Plastic Viscosity		Tubing/Drill Pipe					
		lb/gal	cP		T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
Service Line		Job Type								
Cementing		5 1/2 Monobore								
Max. Allowed Tub. Press		Max. Allowed Ann. Press		WH Connection		Perforations/Open Hole				
psi		psi				Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval
Service Instructions						ft	ft			ft
Rate And Density Checked						ft	ft			Diameter
80 bbl MUDPUSH Express						ft	ft			in
650 sks 12.0 Lead						Treat Down		Displacement	Packer Type	Packer Depth
2105 sks 13.0 Tail						Casing		354.0 bbl		ft
Displace 354 bbl Fresh Water						Tubing Vol.		Casing Vol.	Annular Vol.	Openhole Vol.
						bbl		355.0 bbl	552.0 bbl	1036.0 bbl
Casing/Tubing Secured		1 Hole Vol. Circulated prior to Cement			Casing Tools			Squeeze Job		
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>								
Lift Pressure		Shoe Type			Shoe Depth		Squeeze Type			
psi		Float			16030.0 ft					
Pipe Rotated		Pipe Reciprocated			Stage Tool Type		Tool Type			
<input checked="" type="checkbox"/>		<input type="checkbox"/>								
No. Centralizers		Top Plugs	Bottom Plugs		Stage Tool Depth		Tool Depth			
		1			ft		ft			
Cement Head Type		Collar Type			Collar Depth		Tail Pipe Size			
		Float			15984.0 ft		in			
Job Scheduled For		Arrived on Location		Leave Location		Tail Pipe Depth		Sqz. Total Vol.		
Mar/27/2016		Mar/27/2016		Mar/27/2016		ft		bbl		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
03/27/2016	19:05:06	14	0.6	8.39	0.0					
03/27/2016	19:06:00	169	2.3	8.38	1.5	Rig Up Per Standard				
03/27/2016	19:07:00	216	2.3	8.38	3.8	Pressure Test Lines				
03/27/2016	19:07:06	215	2.3	8.38	4.0					
03/27/2016	19:08:00	88	0.0	8.38	4.7	Low Test 500 psi				
03/27/2016	19:09:00	1033	0.0	8.38	0.0	Test Good				
03/27/2016	19:09:06	1030	0.0	8.38	0.0					
03/27/2016	19:10:00	4603	0.0	8.38	0.0	High Test 4500 psi				
03/27/2016	19:11:00	4562	0.0	8.38	0.0	Test Good				
03/27/2016	19:11:06	4559	0.0	8.38	0.0					
03/27/2016	19:13:06	167	0.0	8.38	0.0					
03/27/2016	19:15:06	110	0.0	8.38	0.0					
03/27/2016	19:17:00	160	0.5	8.38	0.0	Start Pumping Spacer				
03/27/2016	19:17:06	443	3.5	8.69	0.2					
03/27/2016	19:18:00	677	6.4	10.99	5.6	80 bbl MUDPUSH Express				
03/27/2016	19:19:00	346	4.4	11.18	10.8	Good Returns				
03/27/2016	19:19:06	376	4.5	11.21	11.3					
03/27/2016	19:21:06	361	4.6	11.36	20.4					
03/27/2016	19:23:06	294	4.6	11.36	29.5					
03/27/2016	19:25:06	249	4.6	11.47	38.6					
03/27/2016	19:27:06	227	4.6	11.49	47.7					

Well Wells Ranch AF05-625			Field DJ		Job Start Mar/27/2016	Customer Noble Energy	Job Number DKFJ-00055
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
03/27/2016	19:31:06	202	4,6	11,49	66,0		
03/27/2016	19:33:06	213	4,6	11,49	75,2		
03/27/2016	19:34:00	98	2,0	11,62	77,8	End Spacer	
03/27/2016	19:35:00	242	4,5	11,83	79,9	Start Cement Slurry	
03/27/2016	19:35:06	262	4,5	11,90	80,3		
03/27/2016	19:37:00	96	1,7	11,77	85,2	Start Mixing Lead Slurry	
03/27/2016	19:37:06	94	1,7	11,77	85,3		
03/27/2016	19:39:06	105	1,7	11,74	88,3		
03/27/2016	19:40:00	90	1,1	11,73	89,6	Wet Dry Samples	
03/27/2016	19:41:00	312	4,4	12,10	91,3	Test = 12.0 ppg	
03/27/2016	19:41:06	322	4,4	12,12	91,7		
03/27/2016	19:42:00	348	4,4	12,17	95,7	Good Returns	
03/27/2016	19:43:00	533	6,3	12,12	100,3	210 bbl Lead	
03/27/2016	19:43:06	541	6,4	12,12	100,9		
03/27/2016	19:45:06	534	6,4	12,08	113,6		
03/27/2016	19:47:06	547	6,4	12,07	126,4		
03/27/2016	19:49:06	558	6,4	12,03	139,1		
03/27/2016	19:51:06	809	8,2	12,02	153,8		
03/27/2016	19:53:06	785	8,2	12,03	170,2		
03/27/2016	19:55:06	735	8,2	11,93	186,6		
03/27/2016	19:57:06	816	8,2	12,07	203,0		
03/27/2016	19:59:06	808	8,2	12,03	219,4		
03/27/2016	20:01:06	776	8,1	12,02	235,7		
03/27/2016	20:03:06	784	8,2	12,03	252,0		
03/27/2016	20:05:00	775	8,2	12,00	267,5	End Lead Slurry	
03/27/2016	20:05:06	772	8,2	12,01	268,3		
03/27/2016	20:07:06	776	8,2	12,02	284,6		
03/27/2016	20:09:06	352	4,4	12,24	296,9		
03/27/2016	20:11:06	652	5,0	12,90	305,9		
03/27/2016	20:12:00	664	6,4	13,01	311,6	Start Mixing Tail Slurry	
03/27/2016	20:13:06	984	8,2	13,04	319,6		
03/27/2016	20:15:00	958	8,3	13,06	335,3	Wet Dry Samples	
03/27/2016	20:15:06	990	8,3	13,06	336,2		
03/27/2016	20:16:00	979	8,3	13,07	343,6	Test = 13.0 ppg	
03/27/2016	20:17:00	1011	8,3	13,08	351,9	Good Returns	
03/27/2016	20:17:06	964	8,3	13,08	352,7		
03/27/2016	20:18:00	1020	8,3	13,06	360,2	401 bbl Tail	
03/27/2016	20:19:06	994	8,3	13,07	369,3		
03/27/2016	20:21:06	996	8,3	13,04	385,9		
03/27/2016	20:23:06	944	8,3	13,01	402,5		
03/27/2016	20:25:06	968	8,3	13,02	419,1		
03/27/2016	20:27:06	418	4,5	13,16	431,8		
03/27/2016	20:29:06	958	8,3	13,02	445,8		
03/27/2016	20:31:06	966	8,3	13,04	462,3		
03/27/2016	20:33:06	1009	8,3	13,11	478,8		
03/27/2016	20:35:06	1021	8,3	13,07	495,4		
03/27/2016	20:37:06	1031	8,3	13,09	512,0		
03/27/2016	20:39:06	986	8,3	13,09	528,6		
03/27/2016	20:41:06	942	8,3	13,05	545,2		
03/27/2016	20:43:06	999	8,3	13,01	561,7		
03/27/2016	20:45:06	1000	8,2	13,13	572,9		
03/27/2016	20:47:06	957	8,3	13,03	589,4		
03/27/2016	20:49:06	929	8,3	12,98	606,0		
03/27/2016	20:51:06	955	8,3	13,01	622,6		

Well Wells Ranch AF05-625			Field DJ		Job Start Mar/27/2016	Customer Noble Energy	Job Number DKFJ-00055
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
03/27/2016	20:55:06	940	8,3	13,05	655.7		
03/27/2016	20:57:06	1003	8,3	13,06	672.3		
03/27/2016	20:58:00	958	8,3	13,03	679.8	End Tail Slurry	
03/27/2016	20:59:06	980	8,3	13,05	688.9		
03/27/2016	21:00:00	947	8,3	13,06	696.4	End Cement Slurry	
03/27/2016	21:01:06	191	2,2	13,06	703.7		
03/27/2016	21:03:06	621	6,4	13,01	711.0		
03/27/2016	21:05:00	38	0,0	11,63	715.3	Wash Up To Pit	
03/27/2016	21:05:06	37	0,0	11,62	715.3		
03/27/2016	21:07:06	37	0,0	10,35	715.3		
03/27/2016	21:09:06	37	22,6	1,69	735.2		
03/27/2016	21:11:06	35	0,3	3,26	741.3		
03/27/2016	21:13:06	128	4,6	8,48	745.7		
03/27/2016	21:15:06	116	5,3	10,47	755.2		
03/27/2016	21:17:06	135	4,6	8,45	764.6		
03/27/2016	21:19:06	23	0,0	9,04	783.7		
03/27/2016	21:21:06	26	0,1	8,39	783.8		
03/27/2016	21:23:06	27	0,0	8,39	783.9		
03/27/2016	21:25:00	26	0,0	8,39	783.9	Drop Top Plug	
03/27/2016	21:25:06	26	0,0	8,39	783.9		
03/27/2016	21:26:00	27	0,3	8,33	783.9	Start Displacement	
03/27/2016	21:27:00	224	4,4	8,39	786.0	354 bbl Fresh Water	
03/27/2016	21:27:06	213	4,6	8,39	786.5		
03/27/2016	21:29:06	306	6,4	8,40	798.9		
03/27/2016	21:31:06	439	8,3	8,39	812.9		
03/27/2016	21:33:06	443	8,3	8,39	829.5		
03/27/2016	21:35:06	657	8,3	8,39	846.1		
03/27/2016	21:37:06	847	8,3	8,39	862.6		
03/27/2016	21:39:06	993	8,3	8,39	879.1		
03/27/2016	21:41:06	1172	8,2	8,39	895.6		
03/27/2016	21:43:06	1407	8,2	8,39	912.1		
03/27/2016	21:45:06	1584	8,2	8,39	928.5		
03/27/2016	21:47:06	887	2,1	8,39	943.4		
03/27/2016	21:49:06	933	1,0	8,39	946.5		
03/27/2016	21:51:06	1732	8,2	8,39	958.7		
03/27/2016	21:53:06	1813	8,2	8,40	975.1		
03/27/2016	21:55:06	1812	8,2	8,40	991.5		
03/27/2016	21:57:06	1862	8,2	8,40	1007.9		
03/27/2016	21:59:06	1917	8,2	8,40	1024.2		
03/27/2016	22:01:06	1959	8,2	8,40	1040.6		
03/27/2016	22:03:06	2018	8,2	8,40	1057.0		
03/27/2016	22:05:06	2032	8,2	8,40	1073.3		
03/27/2016	22:07:06	2076	8,2	8,40	1089.7		
03/27/2016	22:09:06	2123	8,2	8,40	1106.0		
03/27/2016	22:11:06	1863	6,3	8,40	1119.7		
03/27/2016	22:13:06	1684	4,5	8,40	1129.0		
03/27/2016	22:15:06	1456	2,1	8,40	1134.1		
03/27/2016	22:17:06	1473	2,1	8,40	1138.2		
03/27/2016	22:19:06	1479	2,1	8,40	1142.3		
03/27/2016	22:20:00	1482	2,1	8,40	1144.2	Bump Top Plug	
03/27/2016	22:21:00	1943	0,1	8,40	1146.2	End Displacement	
03/27/2016	22:21:06	1926	0,0	8,40	1146.2		
03/27/2016	22:23:06	1991	0,0	8,40	1146.2		
03/27/2016	22:25:00	766	0,0	8,40	1146.2	Bleed Off Floats Held	

Well		Field		Job Start		Customer		Job Number	
Wells Ranch AF05-625		DJ		Mar/27/2016		Noble Energy		DKFJ-00055	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
03/27/2016	22:26:00	27	0,0	8,40	1146,2	3 1/2 bbl Back			
03/27/2016	22:27:00	25	0,0	8,40	1146,2	25 bbl MUDPUSH Express To Surface			
03/27/2016	22:27:06	25	0,0	8,41	1146,2				
03/27/2016	22:28:00	25	0,0	8,40	1146,2	Rig Down			
03/27/2016	22:29:00	25	0,0	8,41	1146,2	End Job			

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate		Total Slurry	Mud	Spacer	N2
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume bbl		Density lb/gal
	0							
Avg. N2 Percent %	Designed Slurry Volume 0,0 bbl		Displacement bbl	Mix Water Temp 63 degF	Cement Circulated to Surface? <input type="checkbox"/>	Volume bbl		
					Washed Thru Perfs <input type="checkbox"/>	To ft		
Customer or Authorized Representative			Schlumberger Supervisor Jordan Moreland / Stacy Terry		Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>		
					-	-		