

				Customer Chevron			Job Number EN82-02165			
Well Booth D11-725 D11-725			Location (legal) HP 517		Schlumberger Location			Job Start Dec/14/2021		
Field Wattenberg		Formation Name/Type		Deviation deg	Bit Size in		Well MD 1952.0 ft		Well TVD 1952.0 ft	
County Weld		State/Province Colorado		BHP psi	BHST 120 degF		BHCT 91 degF		Pore Press. Gradient lb/gal	
Well Master 0065885723		API/UWI 05-123--48921-00-00								
Rig Name HP 517	Drilled For Oil & Gas		Service Via Land	Casing/ Liner						
				Depth, ft	Size, in	Weight, lb/ft	Grade		Thread	
Offshore Zone N/a	Well Class New		Well Type Development	110.0	16.0	65.0				
				1941.0	9.6	36.0	J55		8RD	
Drilling Fluid Type		Max. Density 8.50 lb/gal	Plastic Viscosity 33.000 cP	Tubing/Drill Pipe						
				T/D	Depth, ft	Size, in	Weight, lb/ft	Grade		Thread
Service Line Cementing	Job Type 9 5/8" Surface									
Max. Allowed Tub. Press psi	Max. Allowed Ann. Press psi		WH Connection Single Cement head	Perforations/Open Hole						
				Top, ft	Bottom, ft	shot/ft	No. of Shots		Total Interval	
				ft	ft				ft	
				ft	ft				Diameter	
				ft	ft				in	
	Treat Down Casing	Displacement 144.1 bbl		Packer Type		Packer Depth ft				
	Tubing Vol. bbl	Casing Vol. 147.7 bbl		Annular Vol. 171.7 bbl		Openhole Vol. 156.7 bbl				
Casing/Tubing Secured <input type="checkbox"/>	1 Hole Vol. Circulated prior to Cement <input type="checkbox"/>			Casing Tools			Squeeze Job			
Lift Pressure 550 psi				Shoe Type Float			Squeeze Type			
Pipe Rotated <input type="checkbox"/>	Pipe Reciprocated <input type="checkbox"/>			Shoe Depth 1941.0 ft			Tool Type			
No. Centralizers	Top Plugs 1		Bottom Plugs	Stage Tool Type			Tool Depth ft			
Cement Head Type Single				Stage Tool Depth ft			Tail Pipe Size in			
Job Scheduled For Dec/14/2021 02:00	Arrived on Location Dec/14/2021 00:00		Leave Location Dec/14/2021 08:30	Collar Type Float			Tail Pipe Depth ft			
				Collar Depth 1894.0 ft			Sqz. Total Vol. bbl			
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume NULL	Message				
12/14/2021	05:08:15	-1	0.0	8.42	0	Started Acquisition				
12/14/2021	05:09:00	-1	0.0	8.43	0	Start Job				
12/14/2021	05:11:35	-4	0.0	8.43	0					
12/14/2021	05:11:49	-5	0.0	8.43	0	Pump 5 bbl - Fill/ Flush Lines				
12/14/2021	05:14:55	6	0.0	8.42	0					
12/14/2021	05:15:00	1364	0.4	8.42	0	Pressure Test Lines-1250 psi				
12/14/2021	05:18:15	1157	0.0	8.42	0					
12/14/2021	05:20:23	-2	0.0	8.42	0	Start Pumping Spacer				
12/14/2021	05:21:00	75	2.8	8.42	0	Pump 30 bbl Fresh Water Spacer				
12/14/2021	05:21:35	80	2.9	8.42	0					
12/14/2021	05:24:55	63	2.9	8.42	0					
12/14/2021	05:26:30	63	2.8	8.42	0	Dye in 2nd 10 bbl				
12/14/2021	05:28:15	63	2.8	8.42	0					
12/14/2021	05:31:12	69	3.0	8.42	22	End Spacer				
12/14/2021	05:31:14	79	3.3	8.57	22	Reset Total, Vol = 30.65 bbl				
12/14/2021	05:31:35	74	2.5	13.49	22					
12/14/2021	05:31:44	82	2.4	13.51	22	Start Mixing Lead Slurry				
12/14/2021	05:31:45	83	2.4	13.51	22	Pump 161.5 bbl Lead at 13.5 ppg				
12/14/2021	05:31:57	87	2.4	13.51	23	543 sks, WR=8.9 gal/sk,Y=1.67 ft3/sk				
12/14/2021	05:32:15	84	2.4	13.51	24	Cement to Surface				
12/14/2021	05:34:10	211	4.2	13.51	28	Scale Lead= 13.5 ppg				

Well			Field	Job Start		Customer	Job Number
Booth D11-725 D11-725			Wattenberg	Dec/14/2021		Chevron	EN82-02165
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume NULL	Message	
12/14/2021	05:38:15	189	4.2	13.49	30		
12/14/2021	05:40:40	182	4.2	13.47	28	Good Returns	
12/14/2021	05:43:47	185	4.2	13.54	27	Lead Sample Tag# -007052	
12/14/2021	05:44:55	189	4.2	13.54	27		
12/14/2021	05:48:15	179	4.2	13.49	28		
12/14/2021	05:51:35	175	4.2	13.47	28		
12/14/2021	05:54:55	174	4.2	13.42	28		
12/14/2021	05:58:15	182	4.2	13.27	28		
12/14/2021	06:01:35	67	2.7	13.25	27		
12/14/2021	06:04:55	67	2.7	13.57	29		
12/14/2021	06:08:15	185	4.2	13.59	29		
12/14/2021	06:11:35	176	4.2	13.58	29		
12/14/2021	06:13:13	176	4.2	13.52	31	End Lead Slurry	
12/14/2021	06:13:25	11	1.5	13.65	30	Reset Total, Vol = 161.90 bbl	
12/14/2021	06:14:55	-10	0.0	13.62	0		
12/14/2021	06:18:15	-21	0.0	13.55	0		
12/14/2021	06:20:34	75	2.6	14.73	35	Start Mixing Tail Slurry	
12/14/2021	06:21:00	73	2.6	14.72	35	Pump 24 bbl Tail at 14.8 ppg	
12/14/2021	06:21:35	74	2.6	14.68	35		
12/14/2021	06:23:50	72	2.6	14.70	38	Scale Tail= 14.8 ppg	
12/14/2021	06:24:22	71	2.6	14.70	38	Tail Sample Tage#:007076	
12/14/2021	06:24:55	70	2.6	14.71	38		
12/14/2021	06:25:16	67	2.6	14.71	39	Good Returns	
12/14/2021	06:27:15	99	3.0	14.72	38	End Tail Slurry	
12/14/2021	06:27:30	98	3.0	14.72	38	Reset Total, Vol = 23.96 bbl	
12/14/2021	06:28:15	98	3.0	14.70	37		
12/14/2021	06:31:00	-12	0.0	10.07	0	Wash-up	
12/14/2021	06:31:35	-12	0.0	9.92	0		
12/14/2021	06:33:51	65	2.1	9.58	72	Drop Top Plug	
12/14/2021	06:33:54	64	2.3	9.57	72	Start Displacement	
12/14/2021	06:34:55	90	3.4	9.87	75		
12/14/2021	06:38:15	61	3.5	8.42	83		
12/14/2021	06:39:42	56	3.4	8.41	0	Displace w/ 144.1 bbl Fresh Water	
12/14/2021	06:41:35	100	4.3	8.42	0		
12/14/2021	06:44:55	91	4.3	8.42	0		
12/14/2021	06:48:15	118	4.2	8.42	0		
12/14/2021	06:51:35	195	4.2	8.42	0		
12/14/2021	06:54:55	277	4.2	8.42	0		
12/14/2021	06:57:33	358	4.1	8.42	0	Good Returns	
12/14/2021	06:58:15	373	4.1	8.42	0		
12/14/2021	07:01:35	478	4.1	8.42	0		
12/14/2021	07:02:00	482	4.1	8.42	0	At 117 bbl away, cement to Surface	
12/14/2021	07:04:00	544	4.1	8.42	0	27 bbl Cement Back	
12/14/2021	07:04:55	490	2.2	8.42	0		
12/14/2021	07:08:15	513	2.2	8.42	0		
12/14/2021	07:11:35	540	2.2	8.42	0		
12/14/2021	07:14:53	1094	2.2	8.42	0	Bump Top Plug 550/1100 psi	
12/14/2021	07:14:55	1130	0.3	8.42	0		
12/14/2021	07:14:58	1149	0.0	8.42	0	End Displacement	
12/14/2021	07:15:00	1144	0.0	8.42	0	Reset Total, Vol = 144.11 bbl	
12/14/2021	07:15:30	1153	0.0	8.42	0	Start 15 min CSG Test, Pressure=1153 psi	
12/14/2021	07:18:15	1150	0.0	8.42	0		
12/14/2021	07:21:35	1152	0.0	8.42	0		
12/14/2021	07:24:55	1150	0.0	8.42	0		

Well			Field		Job Start		Customer		Job Number	
Booth D11-725 D11-725			Wattenberg		Dec/14/2021		Chevron		EN82-02165	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume NULL	Message				
12/14/2021	07:30:37	1149	0.0	8.42	0	End 15 min CSG Test, Pressure=1149 psi				
12/14/2021	07:31:35	1149	0.0	8.42	0					
12/14/2021	07:32:19	-3	0.0	8.42	0	Bleed-off, Check Floats				
12/14/2021	07:33:00	-7	0.0	8.42	0	Floats Holding, 1 bbl back				
12/14/2021	07:33:30	-9	0.0	8.42	0	Verify Wash-up				
12/14/2021	07:34:00	-9	0.0	8.42	0	End Job				
12/14/2021	07:34:55	6	1.6	8.42	0					
12/14/2021	07:38:15	52	3.2	8.42	0					
12/14/2021	07:41:35	94	1.9	6.23	73					
12/14/2021	07:44:55	17	0.0	0.00	0					

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 3.5	N2	Mud	Maximum Rate 7.9	Total Slurry 185.5	Mud 0.0	Spacer 30.0	N2	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 1364	Final -9	Average 323	Bump Plug to 1100	Breakdown	Type	Volume bbl	Density lb/gal	
Avg. N2 Percent %		Designed Slurry Volume 185.5 bbl		Displacement 144.1 bbl	Mix Water Temp 65 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>	Volume 27.0 bbl	
						Washed Thru Perfs <input type="checkbox"/>	To ft	
Customer or Authorized Representative Jim Turner			Schlumberger Supervisor Thomas Bailey			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>	
						-	-	

Well	Booth D11-725	Client	Chevron
Field	Wattenberg	SIR No.	EN82-02165
Engineer	Thomas Bailey	Job Type	9 5/8" Surface
Country	United States	Job Date	12-14-2021

