

Well Name	Heinze #1	Rig Name/Number	Bohler 6
County	Weld	Location (Sec-T-R)	
State	Colorado	Supervisor	Jason Eisenach
AFE #	CO119020/Code-8306.235	Engineer	Taylor Heffner

Date:	9/30/2020	Rig Day	1
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Daily Operations Summary

Detail Operations Summary

Start	End	Downtime	Description of Events
8:00			Move in Bohler Backhoe. Dig up & find well head. No cap on head. First 6' of CSG was in bad shape with lots of pitting. Dig down 8' & cut off 10 3/4" CSG. Weld on slip x slip collard & new 7" 10 3/4" CSG
			Make well head cap. Back fill hole w/ dirt.
	6:00		Road welder & Crew to yard

Date:	10/5/2020	Rig Day	
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Daily Operations Summary

Fuel Usage-60 gal. Winch Truck/Work over rig/Winch tractor/3-pickups

Detail Operations Summary

Begin	End	Downtime	Description of Events
2:00			MIRU Bohler Rig 6. Spot in equipment. NU 10 3/4" x 8 5/8" X-Over, 8 5/8" well head, 11 flange, 11"x 7" spool, 7" 5K mudd cross, 5K BOP w/ 2 7/8" rams. Lay out 2" hard lines. SIWFN
5:00	6:00		Road crew to yard.

Date:	10/6/2020	Rig Day	3
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Daily Operations Summary

Fuel Usage-50 gal. Rig,Pump,Power swivel,3-pickups, accumulator.

Detail Operations Summary

Begin	End	Downtime	Description of Events
7:00	8:00		Road crew to location.
8:00			Start equipment. SCP-0. Build out 3" Hardline from well head to the work tanks. Test BOPS & well head 200 PSI. Good test. RU work floor. RU Power swivel. Tag cement @ 20'. BHA-6 3/4" Bit w/ float. 3.5" DC.
			Establish circulation w/ fresh water.Drill out cement from 20'-26'. Continue swiveling in 3 1/2" DC. Tag up @ 160'. Roll hole clean. PSI test 200 lost 150 PSI in 30 sec. Drill out to 175' Fall through. Run DC & TBG to 456'. No tag. 20' out of surface pipe w/ tbg. PSI test 300 PSI test failed. Roll hole clean. TOOH w/ 4 jts TBG, 10- 3 1/2" DC to derrick. SIWFN
5:00	6:00		Road crew to yard

Date:	10/7/2020	Rig Day	4
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Daily Operations Summary

Fuel-15 gal. Rig, Acumulator, cement truck, pump.

Detail Operations Summary

Begin	End	Downtime	Description of Events
6:00	7:00		Road crew to location.
7:00			Start equipment. SCP-0. TIH open ended w/ 13-jts 2 7/8" TBG @ 430'. Circulate hole clean w/ fresh water. RU Bohler Cement Pump 40 sx 15.8# 1.15 G-Neat cement Balance plug. Pump 1.5 bbls fresh water displacement. TOOH w/ 13 jts of TBG. SIW. Clean up cement truck.
10:00	11:00		Road crew to yard.

Date:	10/8/2020			Rig Day	5		
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Daily Operations Summary

Fuel used-30 gal. Rig, Pump Accumulator.

Detail Operations Summary

Begin	End	Downtime	Description of Events
6:00	7:00		Road crew to location.
7:00			Start equipment. SCP-0. Load CSG w/ 2 bbl fresh water. PSI test 300 test fail. TIH w/ TBG tag cement @ 367'. Roll hole clean. TOOH w/ TBG. RD BOP Stack.
	11:00	2	Wait on 5.5" CSG & CSG tools.
1:00	4:00		TIH w/ 5.5" 17# L-80 CSG. Land end of CSG @ 360' 8-jts. NU CSG head. SIWFN
4:00	5:00		Road crew to yard

Date:	10/9/2020			Rig Day	6		
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Daily Operations Summary

Fuel-30 gal, Rig, pump, cement truck, acumulator.

Detail Operations Summary

Begin	End	Downtime	Description of Events
8:30	9:30		Road crew to location.
9:30			Start equipment. SCP-0, CSG-0. Load CSG w/ 5 bbls fresh water. RU Bohler cement. Pump 150sx G-Neat 15.8# 1.15 cement. Drop wiper plug down CSG. Displace w/ 7.25 bbls fresh water. SIWFN.
			Wash up cement truck & lines to tank. Cement returns to surface.
12:00	1:00		Road crew to yard.

Date:	10/12/2020			Rig Day	7		
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Daily Operations Summary

Fuel-50 gal. Rig, Pump, Power Swivel, Accumulator BOP.

Detail Operations Summary

Begin	End	Downtime	Description of Events
6:00	7:00		Road crew to location.
7:00			Start equipment. Load 5.5" CSG w/ 1 bbl fresh water. PSI test CSG 500 PSI hold 15 min test good. NU 5.5" TBG head, 5K mudd cross & 7" 5K BOPS. RU work floor & TBG tongs. TIH w/ 4 3/4" cone bit w/ float 10- 3 1/2" DC. Tag cement @ 270'. Drill cement stingers to 312'. Tag top of wiper plug.
			Drill out wiper plug & cement to 358' Test CSG 500 PSI hold 15 min test good. Drill out cement to 436'.
			Fall out of cement. Wash down TBG to 787'. Lost circulation. TBG Free. Got back heavy mudd & LCM in returns before losing circulation. LD Power swivel. TOOH w/ 12 jts of 2 7/8" TBG to derrick.
			SIWFN
6:00	7:00		Road crew to yard.

Date:	10/13/2020			Rig Day	8		
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Daily Operations Summary

Fuel Usage-

Detail Operations Summary

Begin	End	Downtime	Description of Events
6:00	7:00		Road crew to location.
7:00			Start equipment. SCP-0. SCP-0. Circulate hole clean w/ drilling mudd. TIH w/ TBG 12 jts to 787'. RU Power swivel. Establish circulation. Wash down TBG to 1550'. Lost circulation. TOOH w/ 10 jts to 1217'.
			No circulation. Well swabbing in as we pull TBG. Mudd rings on bit & TBG. TOOH w/ TBG & 10-DC. LD 4 3/4" cone bit. TIH w/ 4 3/4" blade bit 10- 3 1/2" DC & 28 jts of TBG 1248' Lost circulation. Dump sapp & soap stick down TBG. Pumping 2 bbl per min getting 1 bbl in returns. RU Power swivel.
			Start washing down TBG lost circulation @ 1275'. TIH w/ TBG not circulating to 1715' No circulation TBG going down free. TOOH w/ 40 jts to derrick. SIWFN.
6:30	7:30		Road crew to yard.

Date:	10/14/2020			Rig Day	9		
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Daily Operations Summary							

Detail Operations Summary							
Begin	End	Downtime	Description of Events				
6:00	7:00		Road crew to location.				
7:00			Start equipment. SCP-0, Surface-0, TBG-0. TIH w/ TBG tag up @ 940' 19 jts & DC RU power swivel.				
			Start washing down TBG. Good circulation. Getting back lots of wood in returns.				
			Wash TBG down to 2375' Roll hole clean. LD 1-jt. Drain pump & lines. SIWFN.				
			Road crew to yard.				

Date:	10/15/2020			Rig Day	10		
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Daily Operations Summary							
Fuel Usage- 50 gal, Pump, Rig, Power Swivel, Accumulator							

Detail Operations Summary							
Begin	End	Downtime	Description of Events				
6:00	7:00		Road crew to location.				
7:00			Start Equipment. STP-0, SCP-0, Surface-0. RU Pump lines. Circulate hole clean w/ drilling mudd. 45 min				
			RD Power Swivel. TOO H w/ TBG to derrick. LD 10-3 1/2" DC on trailer. TIH w/ 4 3/4" blade bit & float to				
			2408'. Circulate hole clean w/ drilling mudd. RU Power swivel. Start washing down TBG.				
			Wash down to 4315' 130 jts Circulate hole clean. Drain up pump & lines. SIWFN.				
			Road crew to yard.				

Date:	10/16/2020			Rig Day	11		
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Daily Operations Summary							
Fuel Usage-65 gal. Rig, Pump, Power swivel, BOP Accumulator.							

Detail Operations Summary							
Begin	End	Downtime	Description of Events				
6:00	7:00		Road crew to location. SCP-0, STP-0, Surface -0				
7:00	8:30		Start equipment. Cold start. Frozen airline on Power swivel & Charge pump.				
8:30			Establish circulation. Circulate w/ drilling mudd for 30 min. Lost circulation. RD Power Swivel. TOO H w/				
			74 jts. To 1864' Establish circulation. Roll hole clean. Wash down TBG w/ drilling mudd to 6357' Roll hole for				
			45 min. RU Bohler cement. Pump 5 bbl fresh water spacer. Pump 100 sx G-Neat 15.8# 1.15 cement.				
			Displace cement w/ 42 bbls fresh water. Clean up cement truck & pump. TOO H w/ 192 jts to derrick.				
			SIWFN				
			Road crew to yard.				

Date:	10/17/2020			Rig Day	12		
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Daily Operations Summary							
Fuel Usage- 45 gal. Rig, pump, cement truck, BOP accumulator.							

Detail Operations Summary							
Begin	End	Downtime	Description of Events				
6:00	7:00		Road crew to location.				
7:00			Start equipment. SCP-0, Surface-0. TIH w/ 4 3/4" Blade bit & float w/ 2 7/8" TBG. TIH to 800' Circulate hole				
			clean. Finish TIH & tag cement @ 6046' Cement Plug #1 from 6357'-6046'. LD TBG to 2001' RU to circulate.				
			No circulation. Mudd boot on TBG. TOO H to 790' Establish circulation. Roll hole clean. TIH to 2001' 60 jts.				
			Establish circulation w/ drilling mud 10#. Circulate hole clean. Pump 5 bbl frsh water spacer. Pump 100 sx				
			G-Neat 15.8# 1.15 cement. Displace w/ 15 bbls fresh water. TOO H w/ TBG to derrick. SIWFN.				
		4:30	Clean up cement to truck & pump to tank. Drain up pump & lines				
4:30	5:30		Road crew to yard.				

Date:	10/19/2020			Rig Day	13		
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Daily Operations Summary							

Detail Operations Summary							
Begin	End	Downtime	Description of Events				
6:00	7:00		Road crew to location.				
7:00			Start equipment. SCP-0, Surface-0. No fluid migration or gas after placing 2000' plug. TIH w/ 4 3/4" blade bit & 2 7/8" TBG. Tag cement plug @ 58 jts 1930'. Cement from 2001' to 1930', 70' plug. RU Bohler cement.				
			EOT @ 1928' Establish circulation. Pump 5 bbl fresh water spacer. 75sx G-Neat 15.8# 1.15 cement.				
			Displace w/ 14 bbls fresh water. TOOH w/ TBG. Take out string float. TIH w/ TBG 23 jts 760'. RU Bohler cement. Establish circulation w/ 10# drilling mudd. Pump 5 bbl fresh water spacer. Pump 350 sx G-Neat 15.8# 1.15 cement. Cement returns to surface. LD 23 jts on trailer. Wash up cement truck to tank.				
			ND BOPS & well head. Rack up pump & tank lines. RDMO Bohler rig 6.				
			Top off well head w/ 10 sx cement. 15.8# 1.15 G-Neat.				
	4:30		Move equipment off location.				

Date:	10/20/2020			Rig Day	14		
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Daily Operations Summary							

Detail Operations Summary							
Begin	End	Downtime	Description of Events				
7:00	8:00		Road bohler backhoe to location. Tag cement in 5 1/2" CSG @ 6' from ground level. Dig up CSG. Cut off CSG 8' from ground level. Cap off 10 3/4" CSG & 5 1/2" CSG w/ plate & name tag. Fill in hole w/ backhoe				
	12:00		clean up location.				
			Well Complete.				