

Well Name	Radar Federal #1	Rig Name/Number	Bohler 6
County	Weld	Location (Sec-T-R)	
State	Colorado	Supervisor	Jason Eisenach
AFE #	Hunt WBI/Code-8306.235	Engineer	

Date:	9/8/2021	Rig Day	1
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Daily Operations Summary			

Detail Operations Summary			
Start	End	Downtime	Description of Events
			MI Bohler Backhoe. Dig up and locate well head. Cut off old 8 5/8" Collar. Weld on new 8 5/8"
			Slip X Thread collar. Back fill hole. Spot in Rig Equipment. Lay out 3" hard line to tank.
			Shut down until 8-13-21 to fix rig Mud Pump.

Date:	9/13/2021	Rig Day	
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Daily Operations Summary			

Detail Operations Summary			
Begin	End	Downtime	Description of Events
			Road crew to Location. Spot in RU Bohler 6.
			NU. Well Head. NU 11" X 7" Spool, 7" 5K Mud cross w/ 3" outlets. 5K 7" KLX BOPS. RU Pump lines.
			Load well w/ fresh water. Pump 30 bbls @ 3 bbl per min. No Pressure. RU Power swivel. TIH w/
			7 7/8" cone bit & 3.5" DC. Tag cement @ 10'. Establish circulation. Drill cement from 10'-11' fall through.
			RIH w/ 3.5" DC to 160'. No tag. 17' below surface CSG shoe. RD power swivel. TOOH w/ DC & Bit.
			SIWFFN.
			Road crew to yard.

Date:	9/14/2021	Rig Day	
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Daily Operations Summary			

Detail Operations Summary			
Begin	End	Downtime	Description of Events
			Road crew to location.
			SCP-0. TIH w/ 8 5/8" PKR to 130' Set PKR and test CSG. Pumping into @ 100 PSI 2.5 BBL per min. Move PKR
			up hole 32' for each test. 4 test each test pumping into @ 100 PSI 2.5 bbl per min. LD PKR & TBG.
			TIH w/ 5.5" 17# SB-80 CSG to 132'. Establish circulation w/ water. Pump 62 sx G-Neat 15.8# 1.15 cement
			to surface. Good cement returns. Pump 1 bbl fresh water displacement. SIWFFN.
			Clean up cement truck to tank.
			Road crew to yard.

Date:	9/15/2021	Rig Day	
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Daily Operations Summary			

Detail Operations Summary			
Begin	End	Downtime	Description of Events
			Road crew to location.
			Start equipment. SCP-0, Surface-0. String line tag cement in 5.5" CSG @ 100'. Pressure test 5.5" CSG 550 PSI
			lost 60 PSI in 30 min. Bleed off air. Re Test 5.5" CSG. Starting Pressure 498 PSI. Ending PSI 495 PSI in 30
			min test. Chart & record test w/ Crystal gauge. NU 5.5" well head, 7" 5K mud cross, 7" 5K KLX BOPS.
			PSI test BOPS 250/500 Hold 5 min. Test good. RU Work floor. TIH w/ 4 3/4" cone bit & float w/ 3.5" DC.
			Tag cement @ 105'. RU Power swivel. Establish circulation. Start drilling cement. Drill cement down to
			235'. Fall out. Continue drilling. Formation is hard. Drill down to 312'. Circulate hole clean.
			TOOH w/ 10-3.5" DC & 4 3/4" Cone bit. Cone bit packed off w/ clay.
			SIWFFN.

Date:	9/16/2021				Rig Day			
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Daily Operations Summary								

Detail Operations Summary								
Begin	End	Downtime	Description of Events					
			Road crew to location.					
			Start equipment. SCP-0, Surface-0. TIH w/ 4 3/4" cone bit w/ float, 10-3.5" DC. Tag up @ 312'.					
			RU Power swivel. Establish circulation. Start drilling. Getting back small chunks of clay. Use clay stabilizer, drilling detergent, & 74L to help control clay & bit balling. Drill from 312'-671'. Circulate hole clean. Rack back power swivel. TOOH w/ 10 jts to derrick.					
			SIWFN.					
			Road crew to yard.					

Date:	9/17/2021				Rig Day			
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Daily Operations Summary								

Detail Operations Summary								
Begin	End	Downtime	Description of Events					
			Road crew to location.					
			Start equipment. SCP-0, STP-0, Surface-0. TIH w/ 10 jts. Tag up @ 671'. RU Power swivel. Establish circulation. Start drilling. Drilling very slow. Getting small balls of clay in returns. Drill down to 801'.					
			Circulate hole clean. RD Power swivel. TOOH w/ 15 jts 2 7/8 TBG & 10 3.5" DC. Bit is clean and in good shape. TIH w/ new 4 3/4" Blade bit float & 10-3.5" DC & 2 7/8" TBG. Tag up @ 801'. RU Power swivel. Establish circulation. Start drilling. Drill from 801'-867'. 35 min per jt. Penetration rate much better w/ blade bit. Clay & water in returns. Circulate hole clean. RD Power swivel.					
			TOOH w/ 16 jts 2 7/8" TBG to derrick. SIWFN.					
			Road crew to yard.					

Date:	9/18/2021				Rig Day			
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Daily Operations Summary								

Detail Operations Summary								
Begin	End	Downtime	Description of Events					
			Road crew to location.					
			Start equipment. SCP-0, STP-0, Surface-0. TIH w/ 16 jts 2 7/8" TBG tag up @ 867'. RU power swivel. Establish circulation. Start drilling. Drill from 867'-1393'. Getting back clay and a little drilling mud in returns. Circulate hole clean. RD Power swivel. TOOH w/ 2 7/8" TBG & 10-3.5" DC to derrick.					
			LD 4 3/4" Blade bit & float. Blade bit is clean.					
			SIWFN.					
			Road crew to yard.					

Date:	9/20/2021				Rig Day			
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Daily Operations Summary								

Detail Operations Summary								
Begin	End	Downtime	Description of Events					
			Road crew to location.					
			Start equipment. SCP-0, Surface-0. TIH w/ 4 3/4" blade bit & float w/ 10 3.5" DC & 2 7/8" TBG. Tag up art 1393'. RU Power swivel. Establish circulation. Start drilling. Drill to 1560'. Making slow hole.					
			RD Power swivel. TOOH w/ TBG & DC. LD 4 3/4" blade bit. Blade bit is bad. TIH w/ new 4 3/4" blade bit w/ float, 10-3.5" DC & 2 7/8" TBG. Tag up @ 1560'. Rig up Power Swivel. Establish circulation. Drill down to 1653' Circulate hole clean. LD Power swivel. TOOH w/ 40 jts to derrick.					
			SIWFN.					
			Road crew to yard.					

Date:	9/21/2021				Rig Day			
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Daily Operations Summary								

Detail Operations Summary								
Begin	End	Downtime	Description of Events					
			Road crew to location.					
			Start equipment. SCP-0, STP-0, Surface-0. TIH w/ TBG. Tag up @ 1653' RU Power swivel. Establish circulation. Start drilling. Drill down to 1690'. (COGCC & BLM approve to plug well from 1690' to surface. Circulate hole clean. TOO H w/ TBG to derrick. LD 10-3.5" DC on trailer. TIH w/ 4 3/4" blade bit & 2 7/8" TBG. Tag up @ 1687'. LD 1-jt, sub up. EOT @ 1680'. Establish circulation. RU Bohler Cement. Pump 5 bbl fresh water spacer, 225 sx G-Neat 15.7# 1.15 cement to surface. Good cement returns. LD TBG on trailer. Wash out BOPS. SIWFFN.					
			Road crew to yard.					

Date:	9/22/2021				Rig Day			
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Daily Operations Summary								

Detail Operations Summary								
Begin	End	Downtime	Description of Events					
			Road crew to location.					
			Start equipment. SCP-0, Surface-0. TIH w/ 4 3/4" Blade bit & 2 7/8" TBG. Tag cement top @ 192'. LD jt #7, EOT @ 189'. Establish circulation. RU Bohler cement truck. Pump 3 bbl fresh water spacer. Pump 40 sx G-Neat 16.0# 1.15 cement to surface. Good cement returns. LD TBG on trailer. Wash out BOPS. ND BOPS & well head. Top off 5.5" CSG w/ 6 sx G-Neat 15.7# Cement to ground level. Rack out all 2" & 3" hard lines. RD Bohler rig 6. Clean up location. Clean out work tanks & cement tank.					

Date:	9/30/2021				Rig Day			
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Daily Operations Summary								

Detail Operations Summary								
Begin	End	Downtime	Description of Events					
			Move in Bohler Cut & Cap crew. Dig down 8'. Cut off 8 5/8" CSG & 5.5" CSG 6' down from ground level. Cement topped off & set up in 8 5/8" & 5.5" CSG. Weld on plate over 8 5/8" & 5.5" CSG w/ legals on plate. Back fill hole w/ dirt. Clean up location. Move out Bohler cut & cap crew. BLM witness cut & cap.					