

Well Name	LYCAS 4-13		Rig Name/Number	BOHLER 8	
County	ELBERT		Location (Sec-T-R)		
State	COLORADO		Supervisor	Taylor Heffner / Brandon Colerick	
AFE #			Engineer	Taylor Heffner	

Date:	8/30/2021			Rig Day	1
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Daily Operations Summary					

Detail Operations Summary					
Begin	End	Downtime	Description of Events		
5:00			Road Rig & Crew to location. Spot in Rig up (on containments). Bohler 8. Leveled ground for base beam		
			SCP-0. NU 7 1/16 3K well head & Spools. NU 7 1/16" 5K BOPS.		
			RU 3" Hard line. RU Fluid Pro Equipment & Tank. Spot in tubing trailer.		
			Transferred fluid to shaker tank. Shut well in, clean up.		
	8:00		Shut down.		

Date:	8/31/2021			Rig Day	2
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Daily Operations Summary					

Detail Operations Summary					
Begin	End	Downtime	Description of Events		
6:00			Road crew to location. Start equipment. SCP-0. Troubleshoot power swivel issues, make up drill collars on power swivel.		
			TIH w/ 6 3/4" Cone bit w/ float sub & 3.5" DC.		
			Tag surface plug at 3', establish circulation w/ fresh water and drill through surface plug.		
			Picked up to 201 & tagged, PSI test surface casing to 500 PSI, CSG won't hold more than 150 PSI.		
			TIH w/ 6-3/4" bit & 3.5" DC. Tag up @ 201'. Establish circulation w/ fresh water and drill down to 250'.		
	6:30		LD drill collars, ND BOP and spools, cap wellhead. Shut well in, SD.		

Date:	9/1/2021			Rig Day	3
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Daily Operations Summary					

Detail Operations Summary					
Begin	End	Downtime	Description of Events		
6:00			Start equipment, tally 5.5" liner.		
			RIH with 5.5" 17# casing down to 240' (tagged up at 244'), land CSG. MIRU SPN cement.		
			Circulate 100 sx to surface between 8-5/8" and 5.5" CSGs, leaving 100' inside 5.5" (wiper plug).		
			Pumped 3.5 bbls displacement, wiper plug @ ~150'. Shut well in, WOC.		
		2:30	Cleaned cementers out, clean up location, SDFN.		

Date:	9/2/2021			Rig Day	4
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Daily Operations Summary					

Detail Operations Summary					
Begin	End	Downtime	Description of Events		
6:00 AM			Travel, start equipment.		
			Pressure test 5.5" casing to 650 psi, held steady. Pressure test BOPs, low @ 245 psi for 10 minutes.		
			Test high @ 2200 psi for 30 min. RIH with 4-3/4" bit and DC, tag cement at 138', begin drilling out cement plug.		
			Pick up power swivel. Drill down to 287' (through cement plug). Roll hole w/ fresh water.		
	6:00 PM		SDFN		

Date:	9/3/2021			Rig Day	5		
Daily Operations Summary							
Detail Operations Summary							
Begin	End	Downtime	Description of Events				
6:00AM			Travel to location, start equipment.				
			Load hole, establish circulation. Continue washing down.				
			Wash down to 1,504' (39 joints + BHA). Roll hole clean.				
			Stand back 19 stands, leaving 1 jnt and BHA in hole. Shut down for weekend.				
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State	COLORADO			Supervisor	Taylor Heffner/Mike Bohler		
AFE #				Engineer	Taylor Heffner		
Date:	9/7/2021			Rig Day	6		
Daily Operations Summary							
Detail Operations Summary							
Begin	End	Downtime	Description of Events				
6:00 AM			Travel to location, start equipment. SCP - 0 psi, well dead.				
			RIH with 39 jts down to 1,504', try to establish circulation. Pull 10 stands, re-establish circulation.				
			PU power swivel, wash down to 2,090', tag cement. Drill down to 2,200' and fell through existing cement.				
		7:30 PM	Continue washing down to 2,238', roll hole clean. Stand back 30 stands, LD 1 single. SDFN.				
Date:	9/8/2021			Rig Day	7		
Daily Operations Summary							
Detail Operations Summary							
Begin	End	Downtime	Description of Events				
6:00			Travel to location, start equipment. SCP - 0 psi, well dead.				
			LD drill collars, RIH with 4-3/4" bit and 15 stands, establish circulation.				
			Continue RIH to 2,220', RU power swivel, drill down to 2,260'. Adverse hole conditions, making hole slowly.				
		7:00	Wash down to 2,300' and roll hole clean. POOH and SDFN.				
Date:	9/9/2021			Rig Day	8		
Daily Operations Summary							
Detail Operations Summary							
Begin	End	Downtime	Description of Events				
6:00			Travel to location, start equipment. SCP - 0 psi, well dead.				
			RIH with 4-3/4" blade bit (change to blade bit since cone bit wasn't working great). RIH with 15 stands tbg.				
			Continue washing down to 2,300', RU power swivel and drill down to 2,364', hard drilling.				
			Roll hole clean and prepare for cementers.				
			Pumped 5 bbls spacer (mud flush) and followed with 150 sx cement (15.8# 1.15 cuft/sk), displace.				
		6:30	LD 15 jts, stand back remaining tbg to derrick. SDFN.				
Date:	9/10/2021			Rig Day	9		
Daily Operations Summary							
Detail Operations Summary							
Begin	End	Downtime	Description of Events				
6:00			Travel to location, start up equipment. SCP - 0 psi, well dead.				
			RIH with 4-3/4" blade bit and tag at 1,853'. LD 2 jts, EOT @ 1800'.				
			Establish cirulation, RU cementers and pump 80 sx (15.8# 1.15 cuft/sk), displace.				
			POOH, WOC 3+ hrs. RIH and tag at 1,440'. LD 4 jts, tbg @ 1,310'.				
			Establish circulation, hook up cement and pump 70 sx, displace.				
			POOH, SDWFN.				

Date:	9/11/2021			Rig Day	10		
Daily Operations Summary							
Detail Operations Summary							
Begin	End	Downtime	Description of Events				
6:30			Travel to location, start up equipment. SCP - 0 psi, well dead.				
			RIH open ended and tag cement at 1,096'. LD to 810'.				
			Establish circulation, RU cementers and pump 400 sx (15.8# 1.15 cuft/sk), no cement in returns. POOH.				
			WOC 4 hrs. RIH and tag at 430'. Hook up cementers and pump additional 130 sx, returns to surface.				
			LD tbg, ND BOPs. Top off well with 6 sx and SI.				
			Clean equipment and location, SDFN.				
Date:	9/12/2021			Rig Day	11		
Daily Operations Summary							
Detail Operations Summary							
Begin	End	Downtime	Description of Events				
6:30			Remove remaining equipment off location. 3 Winch trucks to load pump, tank and basebeam.				
			Return to yard with tubing float and rig.				
Date:	9/16/2021			Rig Day			
Daily Operations Summary							
Detail Operations Summary							
Begin	End	Downtime	Description of Events				
10:30			Meet on location with Landowner and welders (Pickering).				
			Cement ~20' from surface. Cut casing 6' from surface, top off with 2 sx and weld on metal plate.				
			Back fill and clean location.				