



Well Name	Amoco 1-11/ Nickelroad		303-219-3362	Rig Name/Number	Brigade 15
County	Weld			Location (Sec-T-R)	
State	Colorado			Supervisor	Jason Eisenach
AFE #				Engineer	Taylor Heffner
Date:	8/5/2019			Rig Day	3
<b>Daily Operations Summary</b>					
MIRU Brigade rig 15. NU BOPS. RU equipment. SIWFN					
<b>Detail Operations Summary</b>					
Begin	End	Downtime	Description of Events		
7:00	9:00		Road rig & equipment to location.		
9:00	11:00		MIRU Brigade rig 15.		
11:00		2:00	Spot in equipment. Lay all pump lines. NU 9 5/8 screw on flange, 11"3K-7 1/16" 5K spool, 7 1/16" 5K mudd cross, 7 1/16" 5K spacer spool, & 7 1/16" 5K BOPS w/ 2 7/8 pipe & rams w/ washington head.		
2:00	4:30		RU work floor power swivel, pipe wrangler & 3" hard line to work tank.		
4:30	5:00		SIWFN.		
5:00	6:00		Road crew to yard.		



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Date:	8/6/2019			Rig Day	4
<b>Daily Operations Summary</b>					
Tag cement @ 540'. PSI test 9 5/8 36# CSG to 250 test good. Drill 75' cement to 615'					
<b>Detail Operations Summary</b>					
Begin	End	Downtime	Description of Events		
7:45	8:45		Road crew to location.		
8:45	9:45		Start equipment. Change BOP pipe rams to 3 1/2" for DC.		
9:45			SCP-0. TIH w/ 6 1/8" cone bit, float sub and drill collars w/ power swivel. No surface cement plug in top of CSG.		
			Continue TIH w/ 10 3 1/2" DC & 2 7/8 L-80 EUE TBG. Tag cement @ 540'. 10 DC & 7-JTS. Roll hole clean.		
		4:00	PSI test CSG 250 PSI hold 15 min. Test Good.		
4:00	5:30		Establish circulation w/ fresh water, start drilling cement @540'. Drill 75' of cement to 615'.		
5:30	6:15		Roll hole clean w/ fresh water.		
6:15	6:30		Pull up 48' to 567'. SIWFN.		
6:30	7:30		Road crew to yard		



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Date:	8/7/2019		Rig Day	5
<b>Daily Operations Summary</b>				
Wash down to 2370'. TOO H & LD DC.				
<b>Detail Operations Summary</b>				
Begin	End	Downtime	Description of Events	
6:00	7:00		Road crew to location.	
7:00			SCP-O. Start equipment. Start drilling cement @ 615'. Establish circulation w/ fresh water. Drill cement to 648'. Fall out of cement @ 648'. Continue TIH w/ power swivel & circulating, pushing something in front of bit down hole. Wash down to 2005'. Pipe stuck work pipe free. Circulate hole clean. Getting lots of rubber & sand in returns. Circulate hole clean. Lots of sand & cement.	
	2:00		TIH w/ 2 7/8 TBG w/ power swivel. Total 62 jts & 10-3 1/2" DC, @ 2370'. Roll hole clean.	
2:00	4:30		TOOH w/ 62 jts TBG to derrick, LD-10 3 1/2" DC on trailer.	
4:30	6:30		SIWFN.	
6:30	7:00		Road crew to yard.	
7:00	8:00			



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AFE #			Engineer	Taylor Heffner
Date:	8/8/2019		Rig Day	6
<b>Daily Operations Summary</b>				
Wash down to 6990' Roll hole. TOO H to 5600'. SIWFN. Cement NIO plug On 8-9-19.				
<b>Detail Operations Summary</b>				
Begin	End	Downtime	Description of Events	
6:00	7:00		Road crew to location.	
7:00			Start equipment. TIH w/ 4 3/4 blade bit & float sub w/ 79 jts 2 7/8 N-80 TBG to 2615' Stack out. Establish circulation. Circulate 20 min. TIH w/ TBG to 3205'. Establish circulation 30 min. Continue TIH w/ TBG stopping every 20 jts to fill TBG & circulate for 15 min. Wash down to 6990' Circulate hole for 20 min. TOO H w/ 42 jts to derrick. SIWFN	
	6:00		Road crew to yard.	
6:00	7:00			



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Date:	8/9/2019		Rig Day	7	
<b>Daily Operations Summary</b>					
<b>Pump 100 sx cement @ 6990'. TOO H w/ TBG 211 jts. SIWFN. Monday morning TIH tag cement plug</b>					
<b>Detail Operations Summary</b>					
Begin	End	Downtime	Description of Events		
6:00	7:00		Road crew to location.		
7:00	9:00		Start Equipment. SCP-0, STP-0. TIH w/ 42 jts of 2 7/8 TBG to 6990'. Establish circulation fo 15 min.		
9:00	0:00		RU BJ cement. Safe meeting. PSI test lines 2000 PSI test good. Pump 30 BBLs integra EZ spacer, 20.5bbls (100sx) class G Neat 15.8# cement, 41 BBLs of fresh water displacement. Displace .5 bbl past end of TBG. Float in TBG.		
	11:00		RD BJ Cement.		
11:00	3:30		TOOH w/ 211 jts of 2 7/8 TBG to derrick. LD bit & float sub. Circulate hole clean @ 2700'.90 min.		
			SIWFN.		
3:30	4:30		Road crew to yard.		



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Date:	8/12/2019		Rig Day	8	
<b>Daily Operations Summary</b>					
<b>Detail Operations Summary</b>					
Begin	End	Downtime	Description of Events		
6:00	7:00		Road crew to location.		
7:00	10:30		Start Equipment. SCP-0. TIH w/ 4 3/4" blade bit w/ float sub. Tag cement @ 6604' w/ 199 jts.		
10:30	1:00		TOOH w/ TBG LD TBG on racks. 161 jts. 38 jts in well @ 1258'.		
1:00			RU BJ Cement. PSI test lines 2500 PSI test good. Pump 30 BBLs intra guard spacer, pump 20bbbs 15.8 # class neat cement (100 sx), pump 8 bbbs fresh water displacement .5 bbbs past end of TBG, float in hole.		
			RD BJ cement.		
			TOOH w/ 14 jts to derrick. LD 5 jts on rack. Circuale hole clean @ 628'. 30 min. LD 19 jts on racks.		
	4:30		SIWFN		
4:30	5:30		Road crew to yard		



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Date:	8/13/2019		Rig Day	9	

**Daily Operations Summary**

**Tag plug #2 @ 939'. Pump Surface shoe plug 110sx. Tag surface shoe plug @ 325'. ND well head & BOPS. RD Brigade 15.**

**Detail Operations Summary**

Begin	End	Downtime	Description of Events
6:00	7:00		Road crew to location.
7:00	9:00		Start equipment. TIH w/ 4 3/4 blade bit, 4' pef-sub & 28 jts of 2 7/8 TBG. Tag cement plug @ 939'. LD 10 jts of 2 7/8 TBG on racks. 18 jts in hole w/ 6' sub @ 614'.
9:00	10:30		MIRU BJ cement. PSI test test lines 800 test good
10:30	11:00		Pump 20 bbls into guard spacer 12.5#, pump 22.8 bbls (110 sx) 15.8# Class G w/ 2% calcium, 2 bbls spacer.
11:00	12:00		RD BJ Cement. TOOHD LD TBG on racks.
12:00	2:00		Wait 2 HRS for cement to set up.
2:00	3:00		TIH w/ 2 7/8 TBG 10 jts tag cement @ 325'. LD 10 jts TBG on racks.
3:00	4:30		ND TBG Tongs, work floor, BOPS & well head.
4:30	6:00		RD Brigade Rig 15. Rack out all pump & tank lines.
6:00	7:00		SIWFN. Road crew to yard



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Date:	8/14/2019		Rig Day	10	

**Daily Operations Summary**

**Detail Operations Summary**

Begin	End	Downtime	Description of Events
6:00	7:00		Road crew to location.
7:00	8:30		Load up equipment take back to Brigade yard w/ rig.
8:30	9:00		ATP Road backhoe to location.
9:00	1:00	4	Backhoe down wait on mechanic & fix.
1:00			Dig down 7'. Cut off 9 5/8" off @ 5' from ground level. Mix & dump 10sx cement down CSG. Cement 1' from top. Weld cap on top of 9 5/8" CSG w/ Amoco 1-11, 05-123-10194, 1980'FSL 1980 FEL NWSE sec11 7N67W.
			Back fill hole.
	5:00		Clean up location & lease road.
			Well Complete.