

Confluence DJ LLC

DAILY REPORT										
Date:	2/21/2020 - 2/22/2020		Confluence DJ LLC			Well Name:		Hergenreder 32-15		
Field:		County:	Weld	Consultant:			Bryan / Jim		Phone:	
Present Operation					Contractor & Rig No.:			Ensign Rig #122		
Casing OD:			Depth:		Wt.:		Grade:		PBTD:	
Tubing OD:		Wt:		Grade:		Coupling:		Perfs:		
Breakdown of Operations										
From	To	Hrs								
6:00	16:00	10:00	MIRU Ensign Rig #122 and all support equipment. Rig in gas buster.							
16:00	16:30	0:30	Check pressure on well, has a very slight gas blow on well at 44 parts LEL. Remove wellhead cap.							
16:30	19:30	3:00	(Safety Meeting) NU rig BOP and annular. Run lines to choke manifold & gas buster. RU flare line.							
19:30	21:45	2:15	RU Ensign tester. Test pipe rams. Failed test.							
21:45	22:30	0:45	Change ring gasket between csg flange & BOP. Retorqued to specs.							
22:30	3:00	4:30	Test all rams & hard lines, manifold to 500 psi 5 min low test & 3000 psi 15 min high test. Test annular to 500 psi 5 min low test & 2500 psi 15 min high test. All tests good & charted.							
3:00	3:30	0:30	M/U 7-7/8" tri-cone bit, bit sub W/float							
3:30	4:00	0:30	TIH W/4.5" HWDP tag cmt @ 269'							
4:00	5:00	1:00	Drill cmt from 269' to 450'							
5:00	5:15	0:15	Pressure Test to 350 psi drop to 175 psi in 15 min							
5:15	6:00	0:45	Drill ahead to 530' at 6:00 a.m. Pump rate at 8 bpm. Will maintain a 600' ROP/hour until deeper in the wellbore then slow to 500'/hour.							

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Casing OD:		Depth:		Wt.:		Grade:		PBTD:	
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Breakdown of Operations									
From	To	Hrs							
6:00	18:00	12:00	Wash and ream from 530' to 4015'. No issues. Hole cleaning good. No fluid loss. Mud weight at 8.8 ppg, visc at 33 seconds. Do have a slight flare at times.						
18:00	19:00	1:00	Started losing returns @ 2 bpm 4015' with gas kick. Circulate gas out. Establish full returns. Total = 50 bbl						
19:00	21:00	2:00	Wash and ream from 4015' to 4952'. No issues. Hole cleaning good. 30 bbl loss. Mud weight at 8.9 ppg, visc at 33 seconds. Do have a slight flare at times.						
21:00	22:00	1:00	Circulate gas out. Establish full returns. Total loss = 20 bbl						
22:00	0:00	2:00	Wash and ream from 4952' to 6024'. No issues. Hole cleaning good. No fluid loss. Mud weight at 8.9 ppg, visc at 33. Steady flare last 50'.						
0:00	1:30	1:30	Circulate hole clean. Mud in = 9.0 ppg 33 visc. Mud out = 9.0 ppg 34 visc. No gas.						
1:30	6:00	4:30	MIRU Core-Tech Wireline run Gyro from 6000', RDMO Core-Tech						

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Present Operation:				Contractor & Rig No.:			Ensign Rig #122		
Casing OD:			Depth:		Wt.:		Grade:		PBTD:
Tubing OD:		Wt:		Grade:		Coupling:		Perfs:	
Breakdown of Operations									
From	To	Hrs							
6:00	6:30	0:30	Safety Meeting.						
6:30	11:30	5:00	TOOH LD DP & HWDP. Break off bit. Kept hole loaded on TOOH.						
11:30	12:00	0:30	Rig service. JSA.						
12:00	16:30	4:30	PU TIH with open ended DP to 6012'. Spot in NexTier cementers.						
16:30	19:00	2:30	Circulate two bottoms up volumes 512 bbls. Small gas kick; pump additional bottoms up 260 bbls.						
19:00	20:00	1:00	JSA. R/U NexTier cementers. Pressure test to 2000 psi. Pump 25 bbl spacer, 200sx (41bbl) 15.8ppg 1.15 yield Class G cmt. 73 bbl flush. Full returns. R/D cementers. Est TOC 5300'. Confirm no flow.						
20:00	21:30	1:30	TOOH slow to 4700'. Circulate confirm pipe clean. Continue POOH to 4300'						
21:30	1:00	3:30	WOC. Circulate well. No gas present.						
1:00	2:00	1:00	MIRU Core-Tech slickline, RIH tag cmt @ 5110'. RDMO slickline						
2:00	3:30	1:30	TOOH to 1604'						
3:30	4:00	0:30	Circulate two bottoms up volumes 130 bbls. No gas present.						
4:00	5:00	1:00	JSA. R/U NexTier cementers. Pressure test to 2000 psi. Pump 25 bbl spacer, 260sx (53.2bbl) 15.8ppg 1.15 yield Class G cmt. 10.5 bbl flush. R/D cementers. Full returns. Est TOC 900'.						
5:00	6:00	1:00	TOOH slow to 500'. Shut well in to monitor any pressure build up.						

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Present Operation:				Contractor & Rig No.:			Ensign Rig #122		
Casing OD:			Depth:		Wt.:		Grade:		PBTD:
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Breakdown of Operations									
From	To	Hrs							
6:00	10:00	4:00	WOC. Safety Meeting. With well shut in, no pressure build, no show of gas migration from wellbore.						
10:00	10:30	0:30	RU Core-Tech Slickline. RIH with sinker bar & blind box. Tag soft cement at 1170'. POOH. Re-tag at 13:00.						
10:30	13:00	2:30	WOC.						
13:00	13:30	0:30	RU Core-Tech Slickline. RIH with sinker bar & blind box. Tag cement at 1120'. POOH. RDMO SL. COGCC approved the cement tag.						
13:30	15:00	1:30	Set end of drill pipe at 473'. Held JSA. R/U NexTier cementers. Pressure test to 2000 psi. Pump 25 bbl spacer, 180 sx (36 bbls) 15.8ppg 1.15 yield Class G cmt. 10.5 bbl flush. R/D cementers. Full returns. Pumped until cement back to wellhead.						
15:00	15:30	0:30	TOOH LD 11 jts DP.						
15:30	16:30	1:00	ND BOP. Top off surface casing with 4 bbls 15.8 ppg cement to surface.						
16:30	18:00	1:30	Clean rig pits. Rig Released.						

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DAILY REPORT									
Date:	3/2/2020	Confluence DJ LLC			Well Name:		Hergenreder 32-15		
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Present Operation:				Contractor & Rig No.:					
Casing OD:			Depth:		Wt.:		Grade:		PBTD:
Tubing OD:		Wt:		Grade:		Coupling:		Perfs:	
Breakdown of Operations									
From	To	Hrs							
9:00	13:00	4:00	Surface casing has been open since 2-24-2020. Ran tape measure down surface casing & tagged top of cement at 124'. Shoe is at 303'. Topped surface casing off with cement. Cement stayed, no drop. Dug out cellar ring. Welder cut off surface casing 6' below ground level. Weld on top cap. Weld on ID plate. Back fill cellar hole and clean location.						