

Inspection Report
Mechanical Integrity Test
Osage DNR / Environmental Protection Agency
1201 Elm Street, Suite 500
Dallas TX 75270

Inspector Matthew Allen		MIT Date 07/02/2024		Time 12:15	
Operator Representative Contango Resources, LLC		Report Sent Operator			
Inject Interval 2945 - 2978		USDW 721		Well Type Enhanced Recovery	
Annulus Fluid Type Casing 5.5		Concentric Pkr Tubing 2.375		Packer Depth	
Operator Info Contango Resources, LLC 1717 South Boulder, Suite 900 Tulsa, OK 74119 Phone: 918-392-3396		Inventory ID OS3031000 API Well No Lease Name NEIMAN Well ID 7 Location SE 15 26N 06E			
Type of MIT Ada Pressure Test		Test Reason Routine			
Injecting N		Injection Rate (bpd)		Tubular Lining	
MIT Due 10/06/2024		MIT Freq EVERY FIVE YEARS		Ann Filled (hrs)	
				Ann Press Mont	
Time		Tubing Pressure		Annulus Pressure	
Pre-Test		480			
Initial 12:15		480		Flowback High	
Mid 12:30		480		Mid	
Final 12:45		480		Low	
				End	
				Total Volume	
		ADA Pressure Test - Required Test Pressure (Fluid Column Ht * Specific Gravity * .433 / N2 Wt Fac = Required Test Pressure)			
				Tubing Annulus Depth to Top Perf/Open Hole 2945 Depth to Fluid Level 1750 Fluid Column Level 1195 Specific Gravity of Fluid 1.06 Nitrogen Weight Factor 1.1101 Required Pressure Test 974.000 Remedial Action Type	
Fluid Migration Test Type		Remedial Action Type			
Inspection Comments		Well OS3031000 was observed with 480psig on the tubing prior to beginning the MIT. Twelve (12) full nitrogen cylinders were injected into the well and the pressure remained at 480psig. The calculated required test pressure was 974psig. The well failed to reach the required test pressure.			
Inspector Signature					
Supervisor Signature					

Appendix 1

Photograph Log 2 Photos



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 1

Location: 36.725906, -96.638005		
City: Shidler	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010477

Orientation: NNW

Date of Photo: 7/29/2024

Time of Photo: 12:59 PM

Latitude: 36.725906

Longitude: -96.638005

Photographer: Matthew Allen

Description: This was the well sign for OS3031000.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 2

Location: 36.725906, -96.638005		
City: Shidler	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010478

Orientation: NW

Date of Photo: 7/29/2024

Time of Photo: 12:59 PM

Latitude: 36.725906

Longitude: -96.638005

Photographer: Matthew Allen

Description: This was well OS3031000 at the time of the mechanical integrity test.