

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

Inspector Matthew Allen			MIT Date 09/04/2024			Time 10:00		
Operator Representative Tom Oast			Report Sent Operator					
Inject Interval 2006 - 2143			USDW 0			Well Type Disposal		
Annulus Fluid Type			Concentric Pkr			Packer Depth 1842		
Casing 5.5			Tubing 2.375					
Operator Info W Robert Wilson 510 Kihekah Pawhuska, OK 74056 Phone: 918-287-4800				Inventory ID OS4618000				
				API Well No				
				Lease Name Boulanger				
				Well ID 1A				
				Location SE 32 29N 10E				
Type of MIT Ada Pressure Test				Test Reason Routine				
Injecting N		Injection Rate (bpd)		Tubular Lining		Ann Filled (hrs)		
MIT Due 04/11/2023		MIT Freq		EVERY FIVE YEARS		Ann Press Mont		
Time		Tubing Pressure		Annulus Pressure		Flowback Pressure Volume		
Pre-Test		0		0		High		
Initial 10:40		820		580		Mid		
Mid 10:55		820		580		Low		
Final 11:10		820		580		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		2006		1707
				Depth to Fluid Level		185		412
				Fluid Column Level		1821		1295
				Specific Gravity of Fluid		1.06		1.06
				Nitrogen Weight Factor		1.0726		1.0614
		Required Pressure Test		896.000		560.000		
		Remedial Action Type						
Fluid Migration Test Type				Remedial Action Type				
Inspection Comments		Well, OS4618000 was able to pressure within 10% of the calculated test pressure on the tubing and achieved 20psig more than the calculated test pressure in the annulus. Both the tubing and the annulus maintained the test pressure for the required 30 minutes. At the time of the inspection, JBD Oklahoma, LLC was the new owner of the lease.						
Inspector Signature								
Supervisor Signature								

Appendix 1

Photograph Log

1 Photo



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 1

Location: 36.948188, -96.244868		
City: Boulanger	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010507

Orientation: W

Date of Photo: 9/4/2024

Time of Photo: 10:28 PM

Latitude: 36.948188

Longitude: -96.244868

Photographer: Matthew Allen

Description: This was well OS4618 connected and being pressured during the MIT. The change of ownership was not yet completed with the EPA UIC permitting group at the time of the inspection.