

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 12:45			
Operator Representative Tom Oast		Report Sent Operator					
Inject Interval 2103 - 3133		USDW 0		Well Type Disposal			
Annulus Fluid Type		Concentric Pkr		Packer Depth 2022			
Casing 4.5		Tubing 2.375					
Operator Info Petrogas Exploration 24460 N. 3980 Road Bartlesville, OK 74006 Phone: 918-742-7425		Inventory ID OS4465000					
		API Well No					
		Lease Name POND CREEK					
		Well ID 3					
		Location SW 32 29N 10E					
Type of MIT Ada Pressure Test		Test Reason Routine					
Injecting N		Injection Rate (bpd)		Tubular Lining plastic			
MIT Due		MIT Freq EVERY FIVE YEARS		Ann Filled (hrs)			
				Ann Press Mont			
Time		Tubing Pressure		Annulus Pressure			
Pre-Test		0					
Initial 12:45		920		Flowback High			
Mid 13:00		920		Pressure Mid			
Final 13:15		920		Volume 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		2103			
		Depth to Fluid Level		151			
		Fluid Column Level		1952			
		Specific Gravity of Fluid		1.06			
		Nitrogen Weight Factor		1.0726			
		Required Pressure Test		835.000			
		Remedial Action Type					
Fluid Migration Test Type				Remedial Action Type			
Inspection Comments		Well, OS4465000 was pressured to 920 psig which was above the calculated test pressure. Well, OS4465000 held pressure with no loss for the required 30-minute test. Inaccuracy of the observed fluid level, variance in the specific gravity of the wellbore fluid or inaccurate perforation location information may have contributed to the achieved pressure being higher than the calculated test pressure. At the time of the inspection, Jones Oil Exploration, 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: 36.947779, -96.251398		
City: Boulanger	County/Parish: Osage	State: Oklahoma



Photo File Name: R0010508

Orientation: ENE

Date of Photo: 9/04/2024

Time of Photo: 12:34 PM

Latitude: 36.947779

Longitude: -96.251398

Photographer: Matthew Allen

Description: This was well OS4465000 connected and being pressured for the MIT. At the time of the inspection, the well signage was not yet updated to reflect the new owner/operator. The change of ownership was not yet completed with the EPA UIC permitting group at the time of the inspection.