

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

|                                                                                                                            |                                                                                                                                                                                                                                                                                                                                        |                               |                                                                                  |                           |                |
|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----------------------------------------------------------------------------------|---------------------------|----------------|
| <b>Inspector</b> Matthew Allen                                                                                             |                                                                                                                                                                                                                                                                                                                                        | <b>MIT Date</b> 04/01/2025    |                                                                                  | <b>Time</b> 10:00         |                |
| <b>Operator Representative</b> McCann Resources, Inc                                                                       |                                                                                                                                                                                                                                                                                                                                        | <b>Report Sent Operator</b>   |                                                                                  |                           |                |
| <b>Inject Interval</b> 1053 - 1070                                                                                         |                                                                                                                                                                                                                                                                                                                                        | <b>USDW</b> 380               |                                                                                  | <b>Well Type</b> Disposal |                |
| <b>Annulus Fluid Type</b>                                                                                                  |                                                                                                                                                                                                                                                                                                                                        | <b>Concentric Pkr</b>         |                                                                                  | <b>Packer Depth</b>       |                |
| <b>Casing</b> 4.5                                                                                                          |                                                                                                                                                                                                                                                                                                                                        | <b>Tubing</b>                 |                                                                                  |                           |                |
| <b>Operator Info</b><br>McCann Resources, Inc<br>1613 West 6th Street<br>Bartlesville, OK 740033404<br>Phone: 918-337-4747 |                                                                                                                                                                                                                                                                                                                                        | <b>Inventory ID</b> OS5437000 |                                                                                  |                           |                |
|                                                                                                                            |                                                                                                                                                                                                                                                                                                                                        | <b>API Well No</b>            |                                                                                  |                           |                |
|                                                                                                                            |                                                                                                                                                                                                                                                                                                                                        | <b>Lease Name</b> Mullendore  |                                                                                  |                           |                |
|                                                                                                                            |                                                                                                                                                                                                                                                                                                                                        | <b>Well ID</b> 9              |                                                                                  |                           |                |
|                                                                                                                            |                                                                                                                                                                                                                                                                                                                                        | <b>Location</b> NE 17 29N 11E |                                                                                  |                           |                |
| <b>Type of MIT</b> Ada Pressure Test                                                                                       |                                                                                                                                                                                                                                                                                                                                        | <b>Test Reason</b>            |                                                                                  |                           |                |
| <b>Injecting</b>                                                                                                           |                                                                                                                                                                                                                                                                                                                                        | <b>Injection Rate (bpd)</b>   |                                                                                  | <b>Tubular Lining</b>     |                |
| <b>MIT Due</b>                                                                                                             |                                                                                                                                                                                                                                                                                                                                        | <b>MIT Freq</b>               |                                                                                  | <b>Ann Filled (hrs)</b>   |                |
|                                                                                                                            |                                                                                                                                                                                                                                                                                                                                        | EVERY THREE YEARS             |                                                                                  | <b>Ann Press Mont</b>     |                |
| <b>Time</b>                                                                                                                | <b>Tubing Pressure</b>                                                                                                                                                                                                                                                                                                                 | <b>Annulus Pressure</b>       | <b>Flowback</b>                                                                  | <b>Pressure</b>           | <b>Volume</b>  |
| <b>Pre-Test</b>                                                                                                            | 0                                                                                                                                                                                                                                                                                                                                      |                               | <b>High</b>                                                                      |                           |                |
| <b>Initial</b> 13:00                                                                                                       | 220                                                                                                                                                                                                                                                                                                                                    |                               | <b>Mid</b>                                                                       |                           |                |
| <b>Mid</b> 13:15                                                                                                           | 220                                                                                                                                                                                                                                                                                                                                    |                               | <b>Low</b>                                                                       |                           |                |
| <b>Final</b> 13:30                                                                                                         | 220                                                                                                                                                                                                                                                                                                                                    |                               | <b>End</b>                                                                       |                           |                |
|                                                                                                                            |                                                                                                                                                                                                                                                                                                                                        |                               | <b>Total Volume</b>                                                              |                           |                |
|                                                                                                                            |                                                                                                                                                                                                                                                                                                                                        |                               | <b>ADA Pressure Test - Required Test Pressure</b>                                |                           |                |
|                                                                                                                            |                                                                                                                                                                                                                                                                                                                                        |                               | (Fluid Column Ht * Specific Gravity * .433 / N2 Wt Fac = Required Test Pressure) |                           |                |
|                                                                                                                            |                                                                                                                                                                                                                                                                                                                                        |                               |                                                                                  | <b>Tubing</b>             | <b>Annulus</b> |
|                                                                                                                            |                                                                                                                                                                                                                                                                                                                                        |                               | <b>Depth to Top Perf/Open Hole</b>                                               | 1053                      |                |
|                                                                                                                            |                                                                                                                                                                                                                                                                                                                                        |                               | <b>Depth to Fluid Level</b>                                                      | 661                       |                |
|                                                                                                                            |                                                                                                                                                                                                                                                                                                                                        |                               | <b>Fluid Column Level</b>                                                        | 392                       |                |
|                                                                                                                            |                                                                                                                                                                                                                                                                                                                                        |                               | <b>Specific Gravity of Fluid</b>                                                 | 1.06                      |                |
|                                                                                                                            |                                                                                                                                                                                                                                                                                                                                        |                               | <b>Nitrogen Weight Factor</b>                                                    | 1.0389                    |                |
| <b>Required Pressure Test</b>                                                                                              |                                                                                                                                                                                                                                                                                                                                        |                               | 173.180                                                                          |                           |                |
| <b>Remedial Action Type</b>                                                                                                |                                                                                                                                                                                                                                                                                                                                        |                               |                                                                                  |                           |                |
| <b>Fluid Migration Test Type</b>                                                                                           |                                                                                                                                                                                                                                                                                                                                        | <b>Remedial Action Type</b>   |                                                                                  |                           |                |
| <b>Inspection Comments</b>                                                                                                 | Inspector observed well OS5437000. At the time of the inspection the well was 4.5" casing reduced to a 2" ball valve. The well was pressured to 220psig which was in excess of the required, calculated test pressure of 173.18psi. The well maintained the 220psig with no pressure loss throughout the 30 minute observation period. |                               |                                                                                  |                           |                |
| <b>Inspector Signature</b>                                                                                                 |                                                                                                                                                                                                                                                                                                                                        |                               |                                                                                  |                           |                |
| <b>Supervisor Signature</b>                                                                                                |                                                                                                                                                                                                                                                                                                                                        |                               |                                                                                  |                           |                |

## Appendix 1

### Photograph Log

1 Photo



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 1

|                                 |                      |                 |
|---------------------------------|----------------------|-----------------|
| Location: 36.996332, -96.131414 |                      |                 |
| City: Bowring                   | County/Parish: Osage | State: Oklahoma |



**Photo File Name:** R0010632

**Orientation:** ESE

**Date of Photo:** 3/31/2025

**Time of Photo:** 12:49PM

**Latitude:** 36.996332

**Longitude:** -96.131414

**Photographer:** Matthew Allen

**Description:** This was well OS5437000 at the time of the inspection. The well was tubing cemented to the surface.