



**ANALYSIS OF ANNUAL INJECTION TRENDS AND REQUEST TO CONTINUE OPERATION UNDER THE CURRENT IMMEDIATE NOTIFICATION PARAMETERS**

**NORTHWIND MIDSTREAM PARTNERS, LLC**

Salt Creek AGI #003  
API: 30-025-51865  
Order R-20913

Salt Creek AGI #002  
API: 30-025-53388  
Order R-20913, Order SWD-2622

This document presents the results from the analyses of injection parameter data, which reflect the operation of the Salt Creek AGI #003 and Salt Creek AGI #002 wells during the 2025 calendar year. The AGI wells serve the Northwind Midstream Partners, LLC (Northwind) Titan Treating Facility, in Lea County New Mexico. Salt Creek AGI #3 was placed in service in Q2 2024, following Northwind’s completion of well and surface facility construction activities necessary to re-commission the Titan Treating Facility, which was acquired by Northwind in calendar year 2023. Salt Creek AGI #2 was constructed in late 2024 through early 2025 and was placed in service on August 23, 2025. Since commissioning of the wells, injection parameter data have been continuously monitored, recorded, and have been analyzed by Geolex, Inc.® (Geolex) on a monthly basis. Pursuant to the requirements of NMOCC Order R-20913 and NMOCD Order SWD-2622, injection data reports based on the analysis of injection parameter data have been prepared and submitted to NMOCD by Geolex.

The Salt Creek AGI #3 well was completed to inject via perforated casing into the interval of Delaware Mountain Group geologic strata, including the Bell Canyon and Cherry Canyon members. The AGI well was drilled as a vertical well, to a total depth of 7,050 ft. MD (measured depth) and on the treating facility property. The specific well location lies 2,329 ft. from the south line (FSL) and 278 ft. from the west line (FWL) in Section 21 of Township 26 South, Range 36 East (i.e., 32.027965, -103.277702 NAD83).

Salt Creek AGI #2 was completed as an open-hole injection well within the Devonian, Wristen, and Fusselman formations (collectively referred to as the Siluro-Devonian). The well was drilled as a deviated AGI well to a total depth of 19,199 ft. MD and also on the Titan Treating Facility property. The legal location for Salt Creek AGI #2 is 2,512 ft. from the north line (FNL) and 311 ft. FWL in Section 21 of Township 26 South, Range 36 East (i.e., 32.029128, -103.277598 NAD83).

To monitor the impact that injection operations via the Salt Creek AGI wells exert on the injection reservoirs, both wells were completed with bottom-hole sensors, which provide the ability to monitor real-time reservoir conditions in the Delaware Mountain Group and Siluro-Devonian injections zone by providing reliable bottom-hole pressure and temperature data. Additionally, surface injection data from the wells are continuously monitored and collected relative to the following parameters:

- Treated Acid Gas (TAG) Surface Injection Pressure
- TAG Surface Injection Temperature
- Surface Tubing-Casing Annular Pressure
- Bottom-Hole Pressure and Temperature
- TAG Injection Flow Rate
- Differential Pressure (between injection tubing and casing annulus)

The above are the key parameters which are currently being recorded in order to monitor the operations, prevent hydrate formation, and minimize corrosion potential. Since these parameters are useful indicators and predictors of potential operational or mechanical problems in the well, various levels of alarms have



been established for each of these parameters. Surface injection parameters include three direct measurements (i.e., TAG injection pressure, TAG injection temperature, and surface tubing-casing annular pressure) and one (i.e., differential pressure) value calculated as the difference between measured injection pressure and measured tubing-casing annular pressure. The analyses of these parameters are critical in identifying long-term trends and in the development of appropriate alarm ranges for each parameter. Surface operating parameters for the Salt Creek AGI wells, for the period since well commissioning, are included in Tables 1 and 2 of this report.

In addition to surface monitoring, the AGI wells at the Titan Treating Facility are also equipped with bottom-hole pressure and temperature sensors, which monitor the injection tubing conditions and have been installed on a mandrel immediately overlying the injection packer. The monitoring of these additional parameters aids significantly in determining appropriate Immediate Notification Parameters, which are required by NMOCC Order R-20913 and NMOCD Order SWD-2622. Following the commissioning of the AGI #3 well, initial Immediate Notification Parameter recommendations were based on operational experience with other AGI systems, and the associated injection parameter data have demonstrated that these notification conditions have been appropriate throughout the total period of operation (Q2 through Q4 2025). Furthermore, current Immediate Notification Parameters are fully suitable and applicable to operations via the Salt Creek AGI #2 well (API: 30-025-53388), which commenced injection in August 2025. As additional operating data is recorded, long-term trends and analyses of these data will be utilized to further refine the Immediate Notification Parameters, as necessary.

To ensure that successful and safe operation of the AGI well is maintained, Geolex reviews and analyzes Northwind AGI operating parameter data on a monthly basis, and provides a quarterly injection analysis report to NMOCD, in accordance with the requirements of Order R-20913 and Order SWD-2622 authorizing operation of the wells. Observed trends in the injection parameter data for the 2026 operational period can be seen in Tables 1 and 2 and Figures 1 through 4 of this report.

Analyses of the 2025 AGI injection parameter data demonstrate that the Delaware Mountain Group and Siluro-Devonian reservoirs are responding satisfactorily to injection operations with operating pressures observed to be within an acceptable and anticipated range. Throughout the period of 2025, total TAG injection rates have consistently increased as the facility treatment volume has increased. This increase has been anticipated and is in accordance with forecasts of gas-disposal needs for production operations in the area. As expected, any increase in the TAG injection rate produces a corresponding increase in surface- and bottom-hole injection pressure, and there are no indications that current reservoir conditions are impeding Northwind's ability to inject, nor are they exhibiting indication of unexpected reservoir pressure increase. Throughout 2025, the AGI wells injected at a combined average flowrate of approximately 7.823 MMSCFD, while in service, and in total, the AGI wells injected approximately 2,003 MMSCF of TAG in calendar year 2025.

As shown by the relationship between surface injection pressure and surface annular pressure, operating parameters indicate sound mechanical integrity over the 2025 operational period. These data trends (Figures 1 and 3) show that, generally, an adequate differential pressure has been maintained between the injection tubing annulus and the injection tubing. With respect to Salt Creek AGI #2, Northwind is currently monitoring and investigating anomalous annular pressure increase (observed in late Q4 2025). As described in the associated Form C-103 Quarterly AGI Report (Action ID #559812), pressure increase was observed and bled off with no indications of gas or gas containing H<sub>2</sub>S or CO<sub>2</sub>. Field personnel observed that flowback fluid was limited to diesel annular fluid and pressure was reduced timely. Northwind is continuing to monitor annular pressure conditions and will respond accordingly to any subsequent increase in annular pressure.



With respect to injection activities and surface processes, there have been no significant operational issues during the 2025 calendar year. Injection parameter data exhibit operating trends indicative of normal AGI operations and injection reservoir conditions show no indications of reservoir degradation or unanticipated pressure increase.



## **REVIEW OF STATISTICAL ANALYSIS OF INJECTION PARAMETERS, DEVELOPMENT OF AND REQUEST TO CONTINUE WITH CURRENT IMMEDIATE NOTIFICATION PARAMETERS FOR SALT CREEK AGI UNDER NMOCC ORDER R-20913**

The statistical analyses of the injection parameter data of other AGI well projects were initially utilized for the purpose of identifying and establishing normal operating levels for the Salt Creek AGI #3 and #2 wells, which are continuously and automatically monitored via the Titan Treating Facility control systems. Over the period of 2025 operation, acquired operational data confirms the adequacy of these normal operating levels. As the AGI wells continue to be operated through subsequent years, collected injection parameter data will continue to be utilized to further refine the understanding of normal operating conditions and the determination of appropriate alarm ranges.

Since commissioning of the Salt Creek AGI wells, all injection parameters have been continuously monitored, recorded, and analyzed by Geolex. Tables 1 and 3 include a summary of average injection parameter data for the period of 2025 operation, and since the initial commencement of AGI operations (Q2 2024). Based on the analysis of these trends, the original Immediate Notification Parameters remain appropriate for the future operation of the AGI well through calendar year 2026.

The current Immediate Notification Parameters for the Salt Creek AGI wells are summarized below:

1. Exceedance of the approved maximum allowable operating pressure (MAOP) of 2,149 psig (surface) and 5,798 psig for Salt Creek AGI #3 and Salt Creek AGI #2, respectively, for a period greater than two hours
2. Failure of a mechanical integrity test (MIT)
3. Confirmation of any condition that indicates a tubing, packer, or casing leak
4. Consistent increase of the annular pressure to a value greater than 80% of the injection pressure
5. Any release of H<sub>2</sub>S which results in an activation of the facility's Rule 11 H<sub>2</sub>S Contingency Plan
6. Any workover or maintenance activity that requires intrusive work in the well

Based on the analysis of operating conditions for the 2025 calendar year, Northwind requests the current Immediate Notification Parameters remain in effect for the 2026 calendar year for operation of the Salt Creek AGI #3 and AGI #2 wells.

**TABLE 1. SALT CREEK AGI #3 ANNUAL SUMMARY OF INJECTION PARAMETER DATA (June 2024 through December 2025)**

| Reporting Period   | TAG Injection Temperature (Avg. °F) | Surface TAG Inj. Pressure (psig) | Surface Casing Annulus Pressure (psig) | Pressure Differential (Inj. Tubing - Casing Annulus) | Flowrate (MSCFD) | Flowrate (MMSCFD) | Bottom Hole Pressure (Avg. psig) | Bottom Hole Temperature (Avg. °F) | Notes   |
|--|-------------------------------------|----------------------------------|--|--|------------------|-------------------|----------------------------------|-----------------------------------|---|
| <i>Monthly Average Operating Conditions</i>                  |                                     |                                  |  |  |                  |                   |                                  |                                   |   |
| 2024 - Q2  | 74.71                               | 1003.41                          | 661.46                                 | 341.95   | 523.23           | 0.52323           | 2716.32                          | 103.18                            | AGI well was put into service on June 20, 2021. Quarterly reporting in Q2 2024. |
| 2024 - Q3  | 78.85                               | 1081.4                           | 761.82                                 | 319.58   | 1190.86          | 1.19086           | 2902.54                          | 104.4                             |   |
| 2024 - Q4  | 70.68                               | 1056.53                          | 689.88                                 | 366.65   | 1598.63          | 1.59863           | 2965.97                          | 104.8                             |   |
| 2025 - Q1  | 84.42                               | 1245.43                          | 1005.12                                | 240.31   | 3990.00          | 3.99              | 3041.1                           | 110.2                             |   |
| 2025 - Q2  | 95.27                               | 1346.66                          | 1016.68                                | 329.99   | 5779.7           | 5.7797            | 3111.77                          | 118.19                            |   |
| 2025 - Q3  | 103.48                              | 1519.78                          | 1051.51                                | 468.26   | 5789.38          | 5.78938           | 3141.55                          | 126.47                            | Brief August data outage, resolved by 9/1/2025                                  |
| 2025 - Q4  | 95.01                               | 1347.44                          | 989.26                                 | 358.18   | 2785.32          | 2.78532           | 3094.2                           | 114.27                            |   |
|  |                                     |                                  |  |  |                  |                   |                                  |                                   |   |
|  |                                     |                                  |  |  |                  |                   |                                  |                                   |   |
|  |                                     |                                  |  |  |                  |                   |                                  |                                   |   |
|  |                                     |                                  |  |  |                  |                   |                                  |                                   |   |
|  |                                     |                                  |  |  |                  |                   |                                  |                                   |   |
|  |                                     |                                  |  |  |                  |                   |                                  |                                   |   |
|  |                                     |                                  |  |  |                  |                   |                                  |                                   |   |
|  |                                     |                                  |  |  |                  |                   |                                  |                                   |   |
| <i>Average Operating Conditions &amp; Standard Deviation</i> |                                     |                                  |  |  |                  |                   |                                  |                                   |   |
| Average (2024)   | 75                                  | 1047                             | 704                                    | 343  | 1104             | 1.104             | 2862                             | 104                               |   |
| St. Dev. (2024)  | 3                                   | 33                               | 42                                     | 19   | 443              | 0.443             | 106                              | 1                                 |   |
| Average (2025)   | 95                                  | 1365                             | 1016                                   | 349  | 4586             | 4.586             | 3097                             | 117                               |   |
| St. Dev (2025)   | 7                                   | 99                               | 23                                     | 81   | 1272             | 1.272             | 37                               | 6                                 |   |
| Lifetime Average   | 86                                  | 1229                             | 882                                    | 346  | 3094             | 3.094             | 2996                             | 112                               |   |
| Lifetime St. Dev.  | 11                                  | 175                              | 157                                    | 63   | 1994             | 1.994             | 138                              | 8                                 |   |
|  |                                     |                                  |  |  |                  |                   |                                  |                                   |   |
|  |                                     |                                  |  |  |                  |                   |                                  |                                   |   |
|  |                                     |                                  |  |  |                  |                   |                                  |                                   |   |
|  |                                     |                                  |  |  |                  |                   |                                  |                                   |   |

FIGURE 1. SALT CREEK AGI #3 SURFACE INJECTION PRESSURE, TEMPERATURE, ANNULAR PRESSURE, AND INJECTION RATE

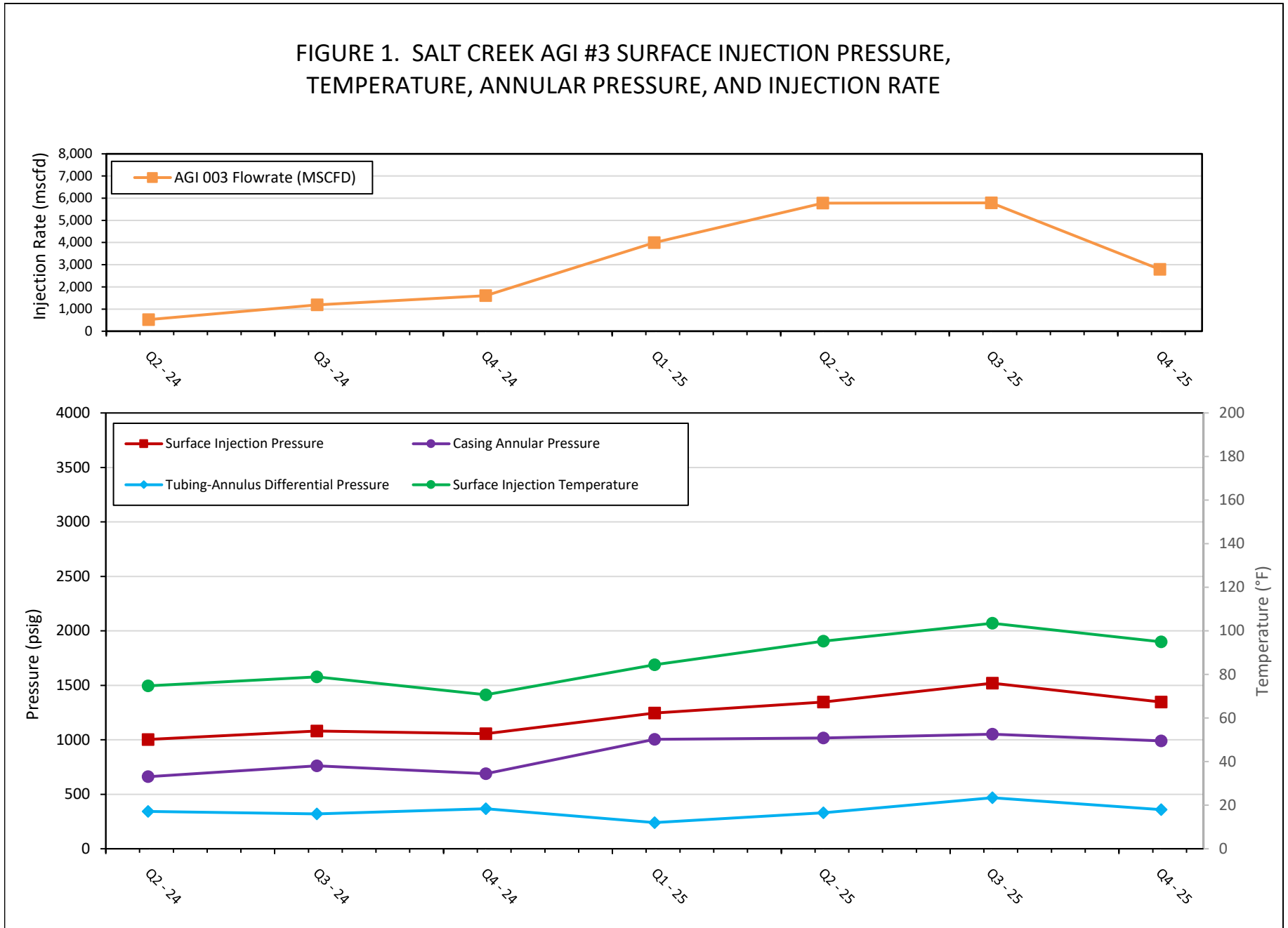


FIGURE 2. SALT CREEK AGI #3 SUMMARY OF BOTTOM-HOLE INJECTION DATA

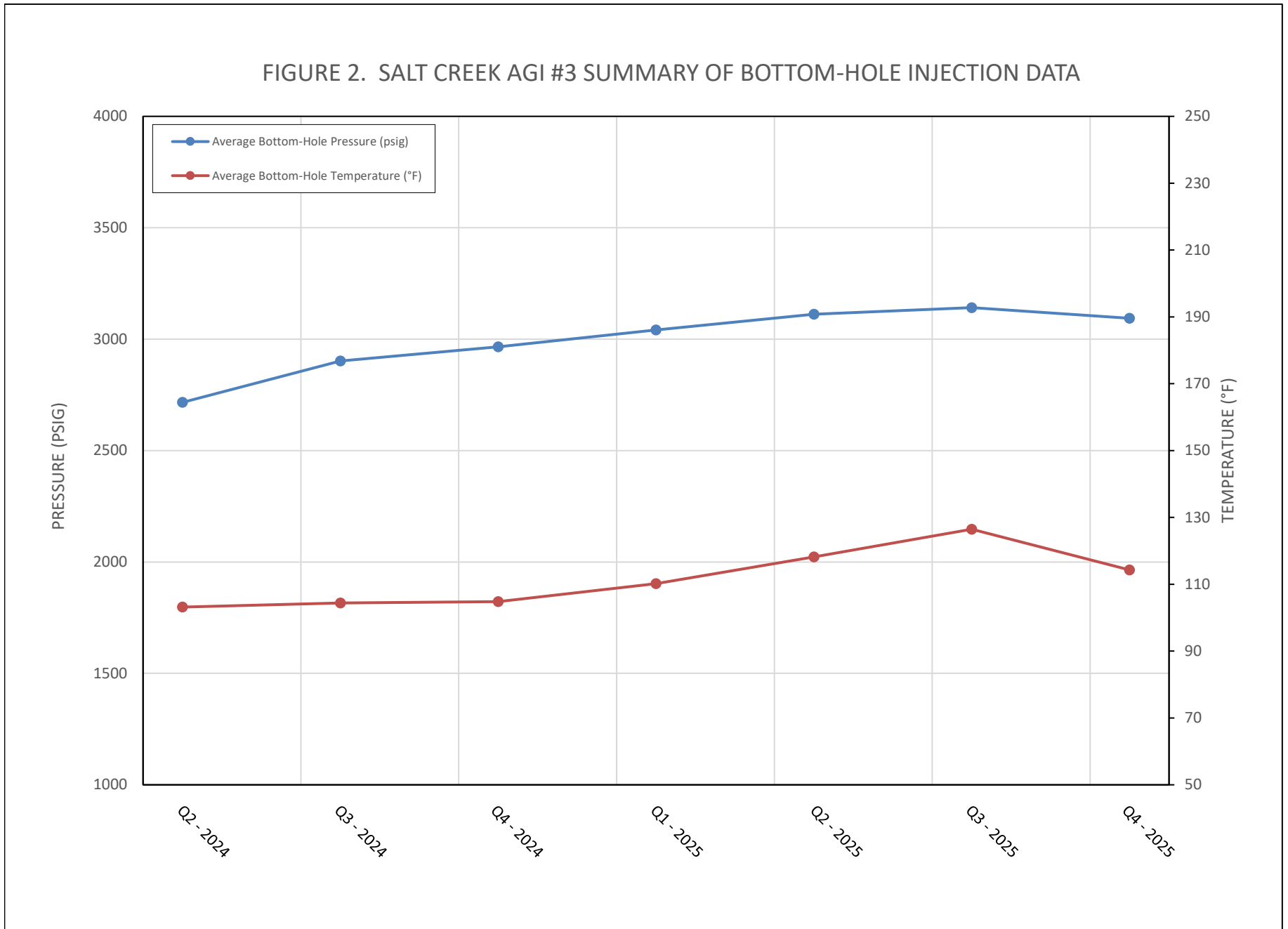




FIGURE 3. SALT CREEK AGI #2 SURFACE INJECTION PRESSURE, TEMPERATURE, ANNULAR PRESSURE, AND INJECTION RATE

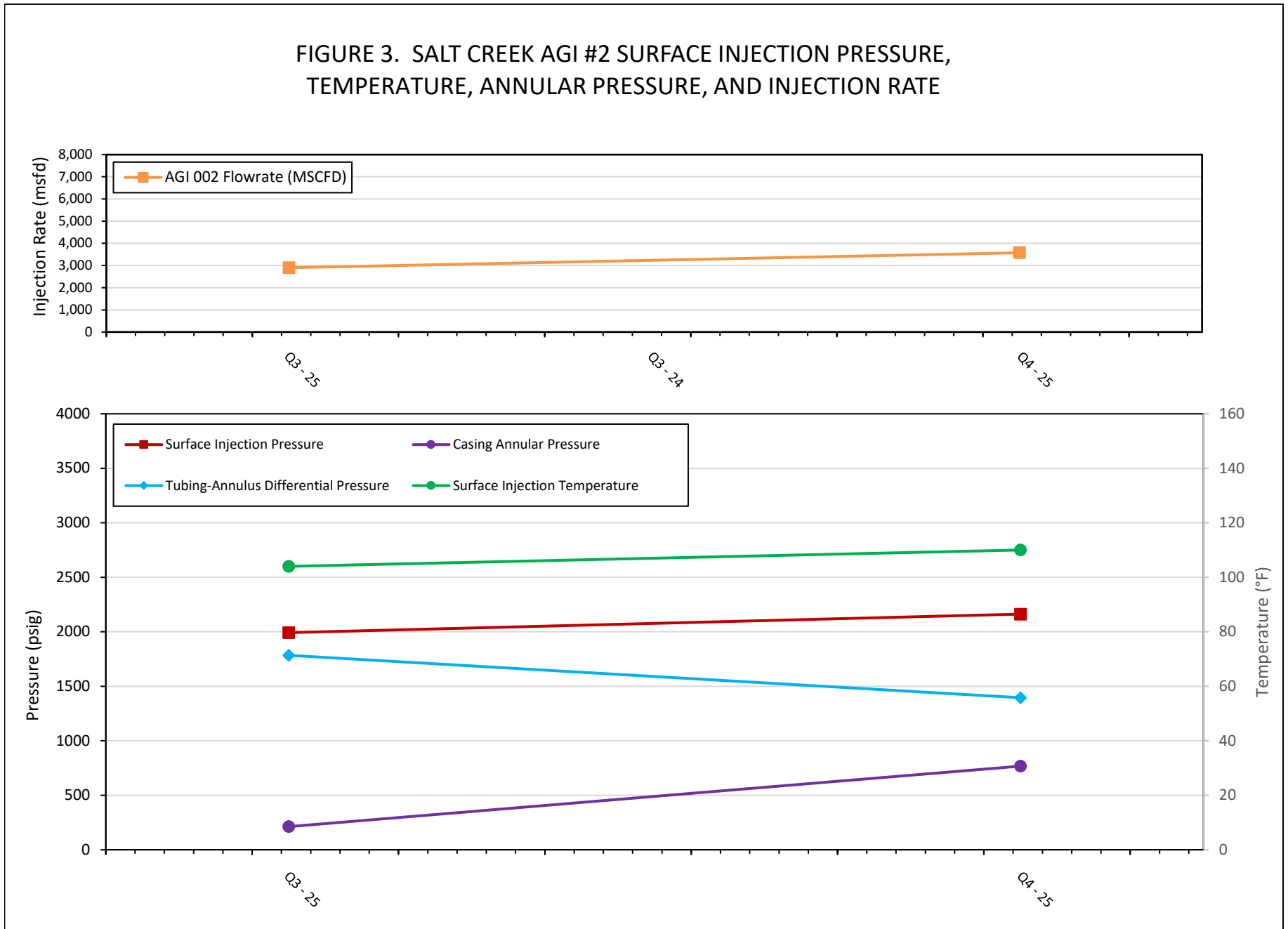
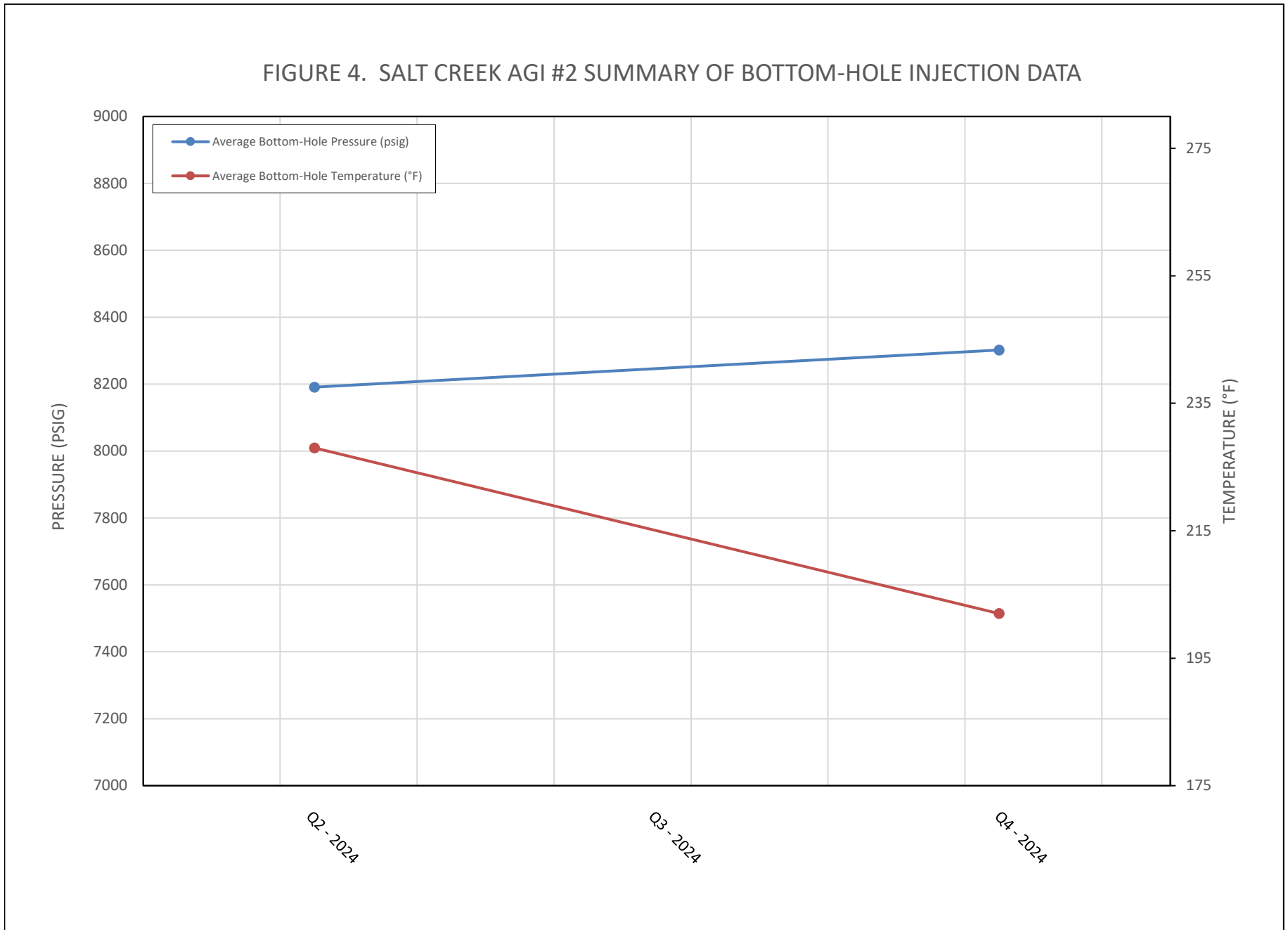


FIGURE 4. SALT CREEK AGI #2 SUMMARY OF BOTTOM-HOLE INJECTION DATA



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Online Phone Directory  
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**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 572156

**CONDITIONS**

|  |   |
|--|---|
| Operator:<br>Northwind Midstream Partners LLC<br>811 Louisiana St<br>Houston, TX 77002 | OGRID:<br>331501                                      |
|  | Action Number:<br>572156                              |
|  | Action Type:<br>[C-103Z] Sub. General Sundry (C-103Z) |

**CONDITIONS**

| Created By     | Condition   | Condition Date |
|----------------|---|----------------|
| anthony.harris | Continue to monitor Annular pressure(s). If gas or any unexpected fluids are observed in the annulus, or if anomalous pressures are observed, collect samples and notify OCD immediately. Submit gas or liquid sampling results to OCD with the Quarterly report. | 4/9/2026       |