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State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 Revised July 18, 2013

OIL CONSERVATION DIVISION  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) 1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other: Acid Gas Injection Well <input checked="" type="checkbox"/>		WELL API NO. Maljamar AGI#1 30-025-40420 Maljamar AGI#2 30-025-42628
2. Name of Operator Frontier Field Services LLC		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/> FEDERAL <input checked="" type="checkbox"/>
3. Address of Operator 2002 Timberloch Place Suite 110 The Woodlands, TX 77380		6. State Oil & Gas Lease No. NMLC029509A
4. Well Location AGI#1 Unit Letter <u>O</u> : <u>130</u> feet from the SOUTH line and <u>1,813</u> feet from the EAST line AGI#2 Unit Letter <u>O</u> : <u>400</u> feet from the SOUTH line and <u>2,100</u> feet from the EAST line Section <u>21</u> Township <u>17S</u> Range <u>32E</u> NMPM County <u>Lea</u>		7. Lease Name or Unit Agreement Name Maljamar AGI
8. Well Number #1 and #2		9. OGRID Number 221115
10. Pool name or Wildcat AGI: Wolfcamp		
11. Elevation (Show whether DR, RKB, RT, GR, etc.) AGI#1 4,016 (GR) AGI#2 4,019 (GR)		

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data


<b>NOTICE OF INTENTION TO:</b> PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> CLOSED-LOOP SYSTEM <input type="checkbox"/> OTHER: <input type="checkbox"/>	<b>SUBSEQUENT REPORT OF:</b> REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input checked="" type="checkbox"/> OTHER: Q3 2019 Report <input checked="" type="checkbox"/> per NMOCC Order R-13443
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13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

This represents the Q4 2019 report for the AGI#1 and AGI#2 dual well AGI system at Durango Midstream's Frontier Field Services LLC's Maljamar Gas Processing Plant pursuant to the quarterly reporting required under NMOCC Order R-13443. AGI#2 has bottom-hole PT sensors which provide data on reservoir pressure and temperature that have been performing very well and providing good insights into reservoir behavior. This report includes an analysis of the surface and bottom-hole data from AGI#2 and is also the Q4 report for the two well system, as required under the order referenced above.

For Q4 2019, the flow from the plant was sent to both AGI#1 and AGI#2. When both wells are in operation, flow is kept constant at about 1.3MMSCFD to AGI#2 while allowing AGI#1 to take the fluctuations in overall plant flow (see Figure 1). An intermittent fault with the AGI#2 surface injection pressure sensor developed over the reporting period and was finally repaired in October 2019 after diagnosis of a wiring fault. The pressure readings for this reporting period for AGI#2 injection pressure were taken from a sensor located between the compressor and the wellhead from 7/29 to 9/30 (see Figures 3 and 5). Average flow rate for the AGI#1 during the entire reporting period was 800 MSCFD. Average flow rate for the AGI#2 for the entire period was 1,277 MSCFD. The surface injection parameters for both wells are shown on Figures 2 and 3, respectively. These two figures show the correlative behavior of injection pressure, injection temperature and annular pressure when both wells are operating and clearly demonstrate the continued integrity of both wells. During the period AGI#1 and AGI#2 showed average injection pressures of 2,310 psig and 2,243 psig, average injection temperatures of 95°F and 107°F and average surface annular pressures of 396 psig and 316 psig, respectively (see Figures 2 and 3). AGI#2 bottom-hole pressure and temperature for the entire period were 5,073 psig and 123°F, respectively (see Figure 4). Finally, during the period the differential pressure (surface injection pressure vs. annular pressure) for AGI#1 averaged 1,914 psig, and 1,926 psig for AGI#2 (see Figure 5). The overall period average bottom-hole pressure values of 5,073 psig and temperature of 123°F are reflective of current actual conditions in the reservoir and demonstrate ongoing favorable reservoir conditions. All of the graphs in Figures 1-5 further confirm the continued integrity of both Maljamar AGI#1 and Maljamar AGI#2, and the overall analysis demonstrates that both wells are fully in compliance with all applicable requirements of the NMOCC orders governing operation of this AGI system.

OCD-witnessed MITs on both wells were successfully performed in Q2 2019 on 7/22-23/2019 and reports filed with the NMOCD. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

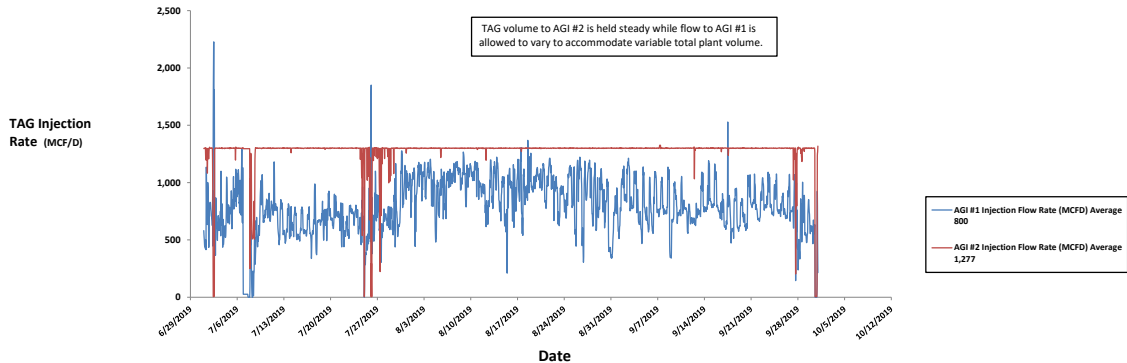
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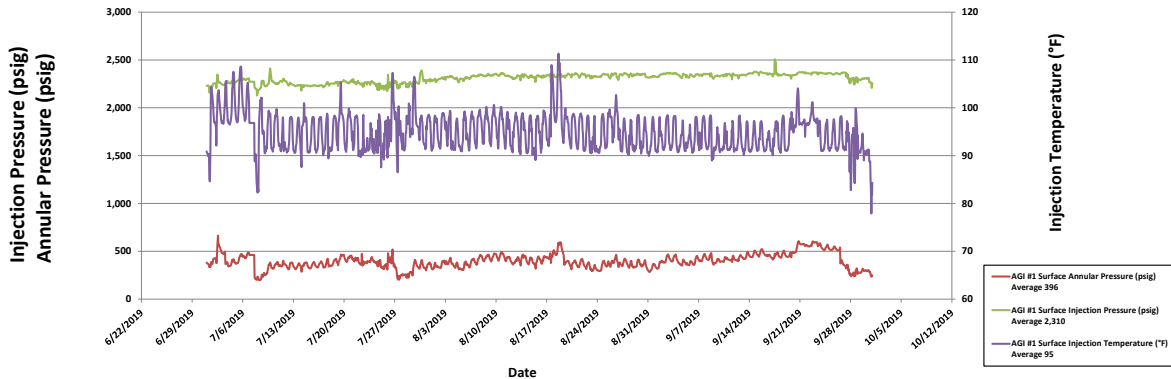
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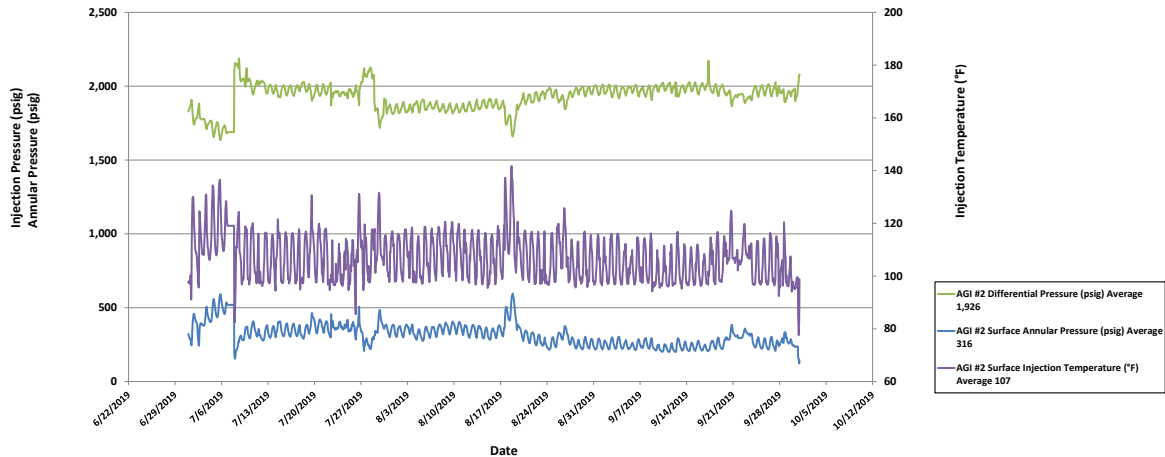
# Figure 1: Maljamar AGI #1 and #2 Injection Rates



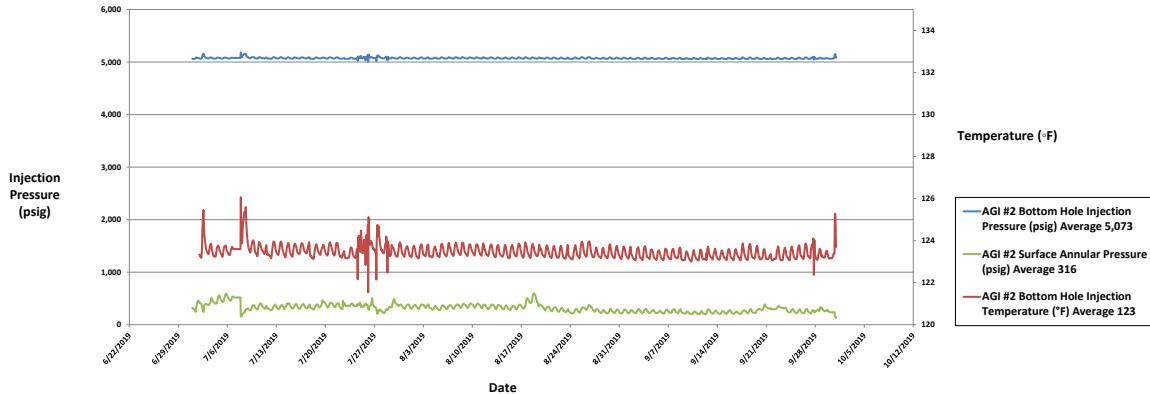
## Figure 2: Maljamar AGI #1 Surface Injection Parameters



### Figure 3: Maljamar AGI #2 Surface Injection Parameters



**Figure 4: Maljamar AGI #2 BH Injection Pressure & Temperature, Surface Annular Pressure**



**Figure 5: Maljamar AGI #1 & #2 Differential Pressure**

