

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

SUNDRY NOTICES AND REPORTS ON WELLS (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 ☐ Gas Well ☐ Other: Acid Gas Injection Well ☒		WELL API NO. 30-025-43470
2. Name of Operator Targa Midstream Services, LLC		5. Indicate Type of Lease BLM STATE ☐ FEE ☒
3. Address of Operator 1000 Louisiana, Houston, TX 77002		6. State Oil & Gas Lease No. NA
4. Well Location Surface Unit Letter <u>O</u> : <u>685</u> feet from the SOUTH line and <u>2,362</u> feet from the EAST line Section <u>36</u> Township <u>19S</u> Range <u>36E</u> NMPM County <u>Lea</u>		7. Lease Name or Unit Agreement Name Monument AGI D
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,384 (GR)		8. Well Number #2
		9. OGRID Number 24650
		10. Pool name or Wildcat AGI: Devonian

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☐
DOWNHOLE COMMINGLE ☐	P AND A ☐
CLOSED-LOOP SYSTEM ☐	CASING/CEMENT JOB ☐
OTHER: ☐	OTHER: Quarterly Injection Data Reports ☒

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. **Well bore Diagrams attached.**

MONUMENT AGI D #2 MAOP 3000 psig NMOCC Administrative Order SWD-1654.

Quarterly Report for the period from January 1 through March 31, 2022 Pursuant to NMOCC AO SWD-1654.

This report includes the data and analysis of surface injection pressure, TAG temperature, casing annular pressures as well as downhole injection pressure, and temperature (i.e. injection parameters) for the Monument AGI D #2 for Q1 2022. Based on data for surface injection/annular pressure, the well continues to show excellent integrity throughout all of this reporting period. For this quarter, the values for injection parameters are generally stable (almost identical to Q4 2021) and yielded the following results, which are graphed in detail in attached Figures 1 through 6. The following average values represent the operational condition of the well and the conditions reflect the shutdowns incorporated in the averages:

Surface Measurements: Average TAG Injection Pressure: 1717 psig, Average Annular Pressure: 371 psig, Average Pressure Differential: 1346 psig, Average Tag Temperature: 104 °F, Average TAG injection rate: 2171 MSCFD.

Downhole Measurements: Average bottom-hole pressure 4,636 psig, Average bottom-hole Temperature: 117° F.

The data gathered throughout this quarter demonstrate the correlative behavior of the annular pressure with the flowrate, injection pressure and temperature, and show the sensitive and correlative response of the annular pressure confirming that the well has good integrity and is functioning appropriately within the requirements of the NMOCC order despite the data loss. Upsets and drops in injection rate caused decreases in TAG injection rates resulting in typical and corresponding changes in the other injection parameters. Average injection rate was slightly lower than in Q4 2021. This well is had its successful annual required MIT and Braden head test completed in January 2022 and reported to OCD. No mechanical changes to the well or wellhead have been made since the last quarterly report. The Monument AGI D #2 well displays excellent reservoir characteristics easily accommodating the required volumes of TAG from the facility.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE  TITLE Consultant to Targa Midstream Services, LLC DATE 4/12/2022
 Type or print name: Alberto A Gutierrez, RG E-mail address: aag@geolex.com PHONE: 505-842-8000
For State Use Only
 APPROVED BY: _____ TITLE _____ DATE _____
 Conditions of Approval (if any): _____

FIGURE 1: MONUMENT AGI D #2 INJECTION RATES WHILE OPERATING

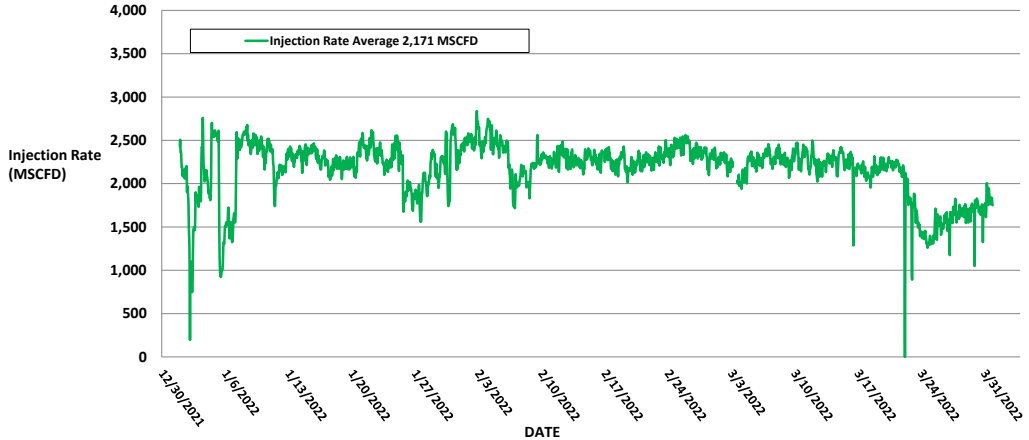


FIGURE 2: MONUMENT AGI D #2 SURFACE INJECTION PRESSURE, ANNULAR PRESSURE AND INJECTION RATE

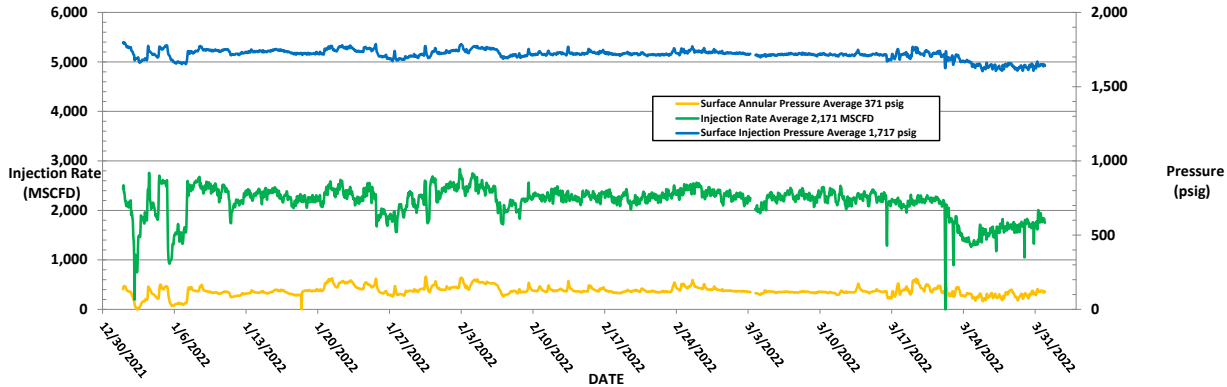


FIGURE 3: MONUMENT AGI D #2 SURFACE INJECTION PRESSURE, ANNULAR PRESSURE AND INJECTION TEMPERATURE

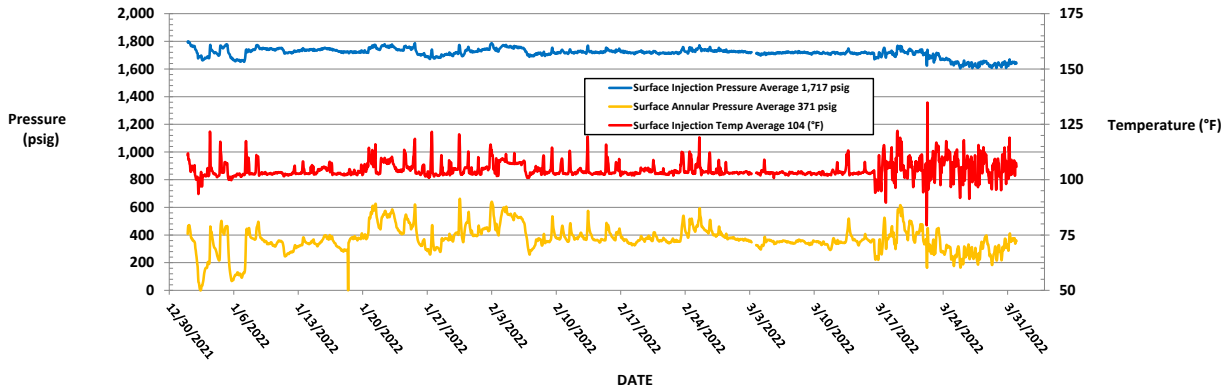


FIGURE 4: MONUMENT AGI D #2 SURFACE INJECTION PRESSURE AND BOTTOM HOLE PRESSURE

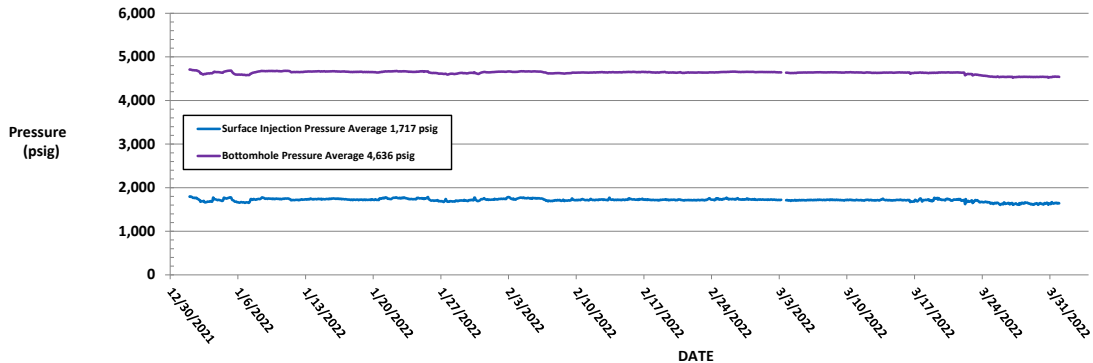


FIGURE 5: MONUMENT AGI D #2 BOTTOM HOLE PRESSURE AND TEMPERATURE

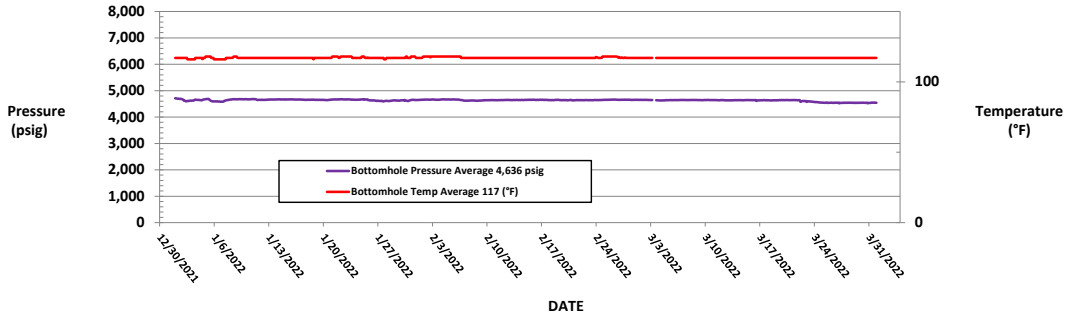


FIGURE 6: MONUMENT AGI D #2 DIFFERENTIAL PRESSURE

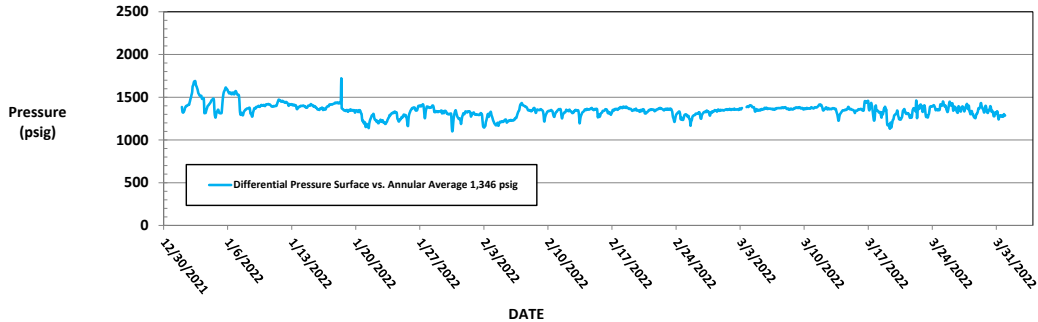
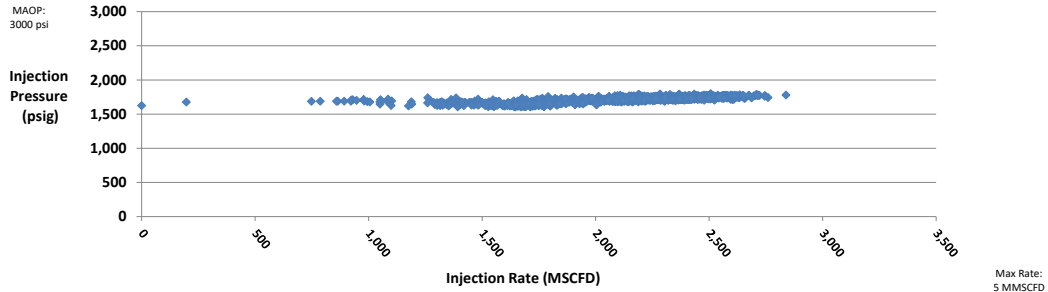


Figure 7 :Monument AGI D#2, Injection Pressure v. Rate



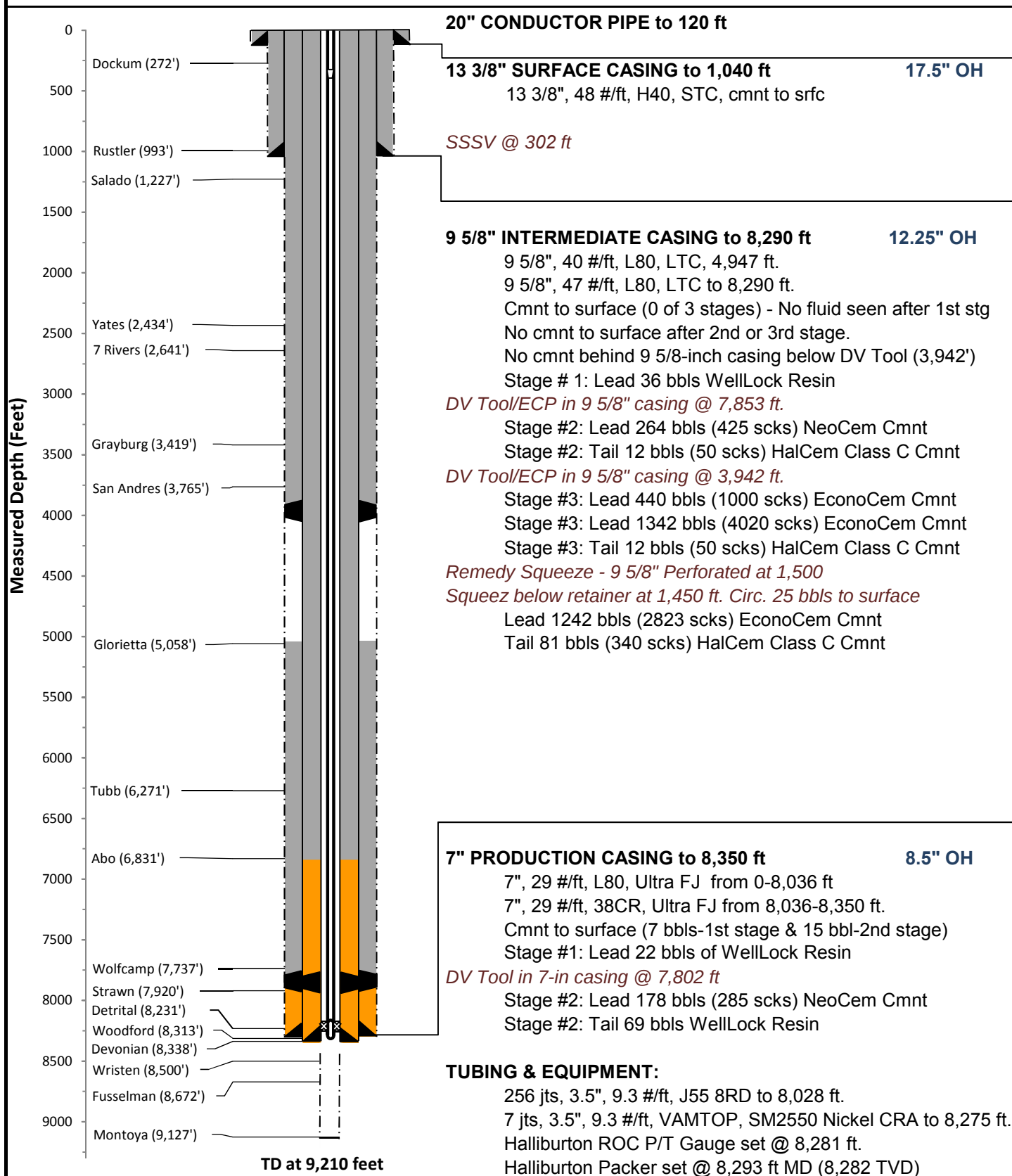
WELL AND TUBING SCHEMATIC

Monument AGI D #2 API# 30-025-43470

Targa Monument AGI D #2 As-Built Well Schematic

Well Name: Monument AGI D #2
API: 30-025-43470
STR: Sec. 36(O), T19S-R36E
County, St.: Lea County, New Mexico

Footage: 685' FSL & 2,362' FEL
Well Type: AGI Devonian
KB/GL: 3,609'/3,584'
Lat, Long: 32.6115308, -103.3063534



**Schematic is properly scaled
 (Formation Depths are MD)**

TD Location: Sec. 36, T19S-R36E (734' FSL & 2131' FEL)

Filename:

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
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Santa Fe, NM 87505

CONDITIONS

Action 109900

CONDITIONS

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 109900
	Action Type: [C-103] Sub. General Sundry (C-103Z)

CONDITIONS

Created By	Condition	Condition Date
mgebremichael	None	12/19/2022