

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. 30-025-43470
2. Name of Operator Targa Midstream Services, LLC		5. Indicate Type of Lease BLM STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
3. Address of Operator 811 Louisiana Street, Suite 2100, 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 <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: Quarterly Injection Data Reports <input checked="" type="checkbox"/>	

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 July 1 through September 30, 2023 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 Q3 2023. Average injection rates for Q3 are approximately 40% less than Q2 2023 averages. The average downhole pressure remained nearly the same in Q3 as for Q2 differing by less than 20 psig. Based on data for surface injection/annular pressure, the well continues to show excellent integrity throughout this reporting period. For this quarter, the values for injection parameters are generally stable and yielded the following results, which are graphed in detail in attached Figures 1 through 7. The following average values represent the operational condition of the well and the conditions reflect the events described above incorporated in the averages:

**Surface Measurements:** Average TAG Injection Pressure: 1,491 psig, Average Annular Pressure: 223 psig, Average Pressure Differential: 1,267 psig, Average Tag Temperature: 96 °F, Average TAG injection rate: 1,052 MSCFD.

**Downhole Measurements:** Average bottom-hole pressure: 4,409 psig, Average bottom-hole Temperature: 119° F.

The data gathered throughout this quarter demonstrate the correlative behavior of the annular pressure with the flowrate, injection pressure and temperature confirming that the well has good integrity and is functioning appropriately within the requirements of the NMOCC Order. Changes in injection rate caused typical and corresponding changes in the other injection parameters. Average injection rate was lower than in Q2 2023 and injection and bottom hole pressures decreased slightly. This well successfully passed the annual required MIT and Braden head test on January 26, 2023 and this was 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.

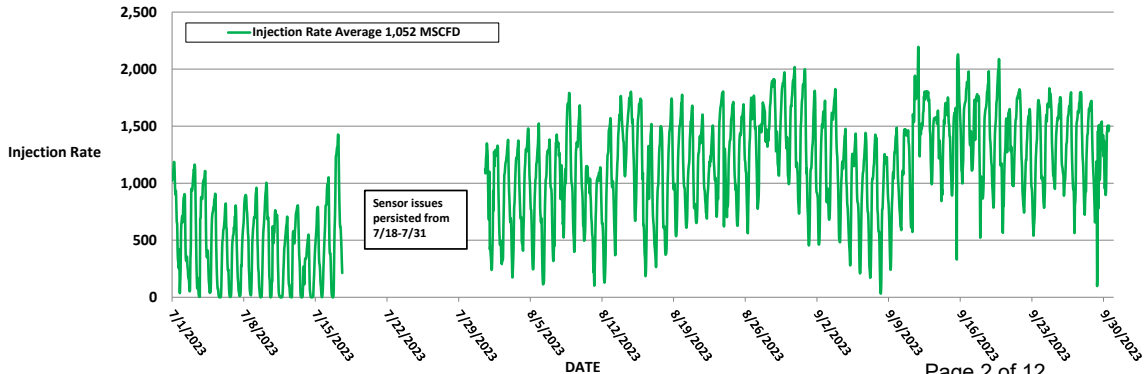
SIGNATURE  TITLE Consultant to Targa Midstream Services, LLC DATE 10/10/2023  
 Type or print name: Alberto A Gutierrez, RG E-mail address: aag@geolex.com PHONE: 505-842-8000

For State Use Only

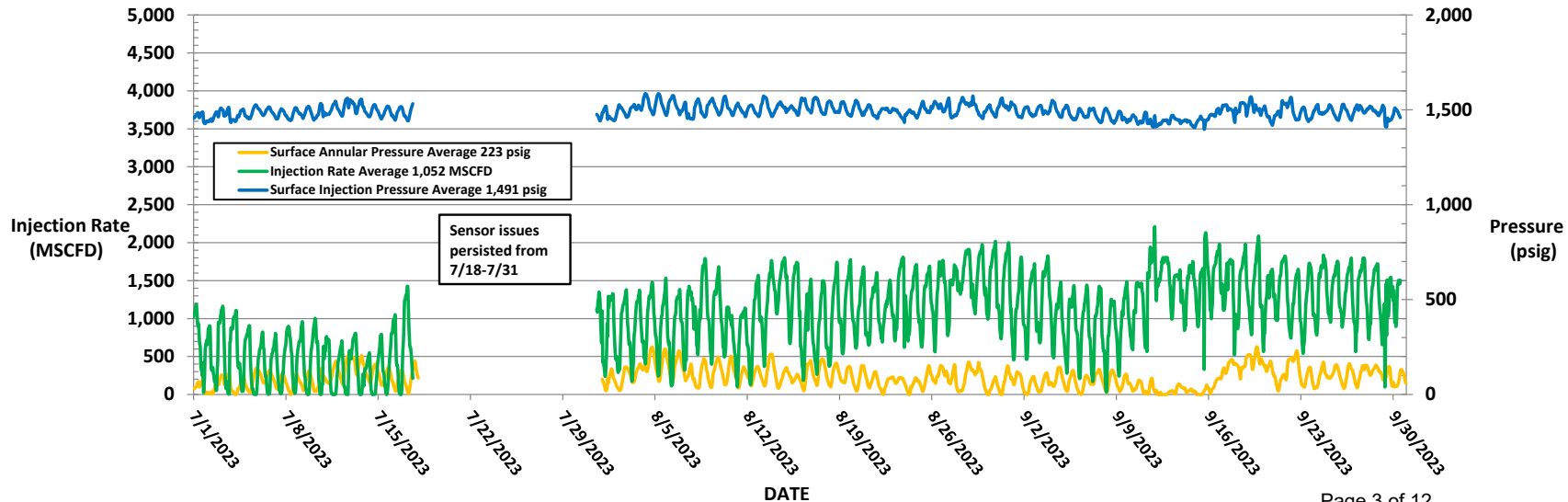
APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of Approval (if any):

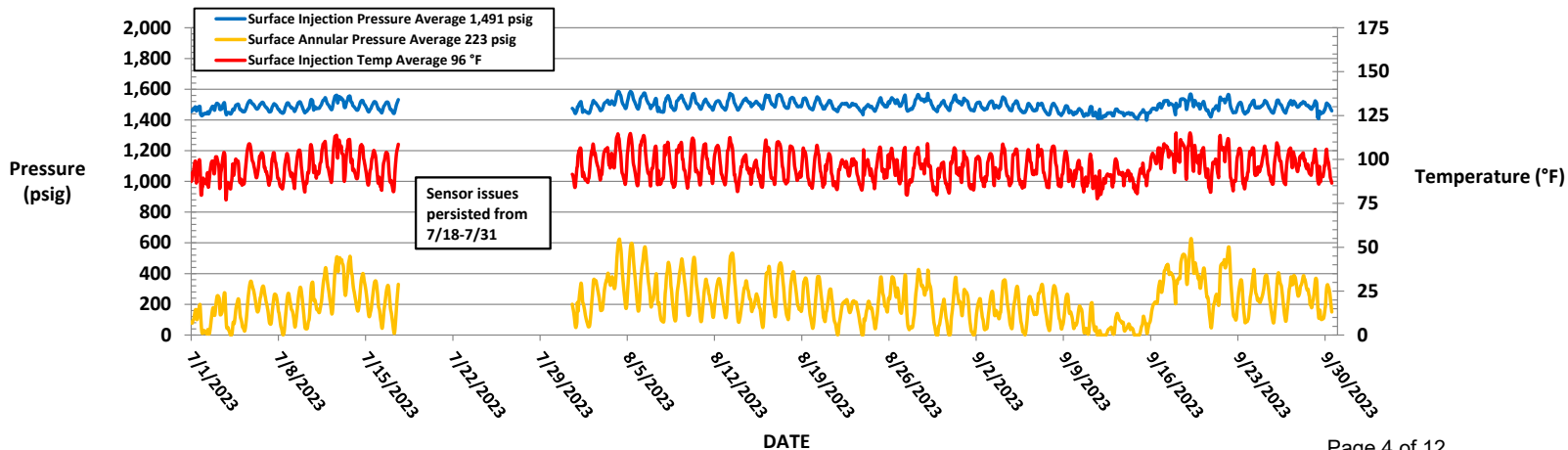
**FIGURE 1: MONUMENT AGI D #2 INJECTION RATES WHILE OPERATING**



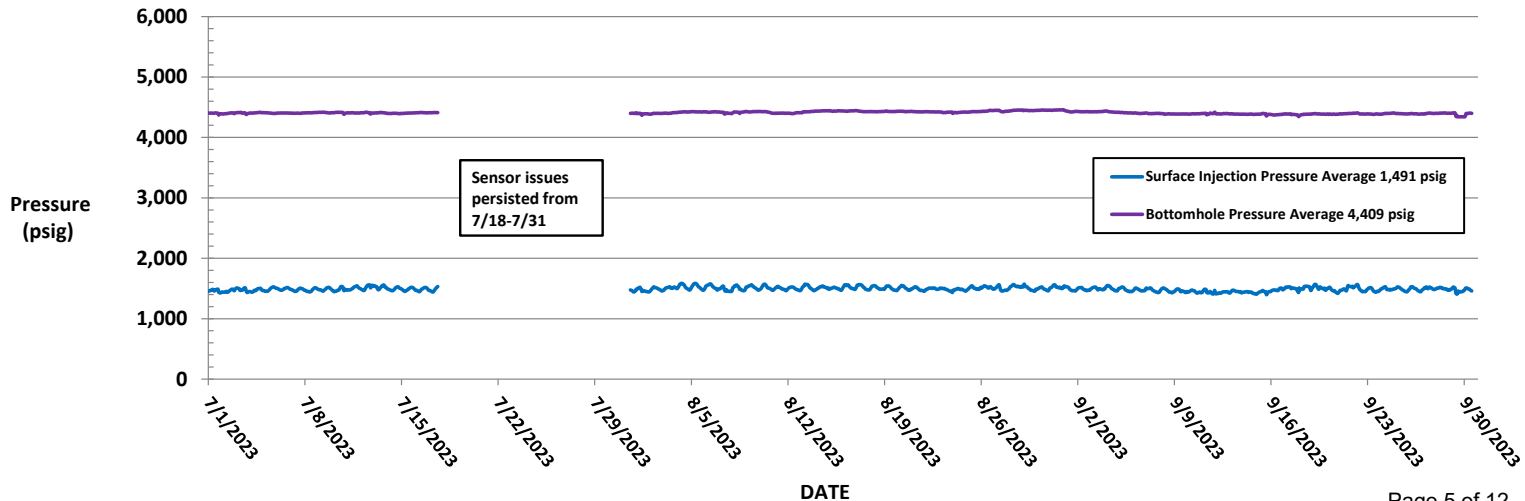
**FIGURE 2: MONUMENT AGI D #2 SURFACE INJECTION PRESSURE, ANNULAR PRESSURE AND INJECTION RATE**



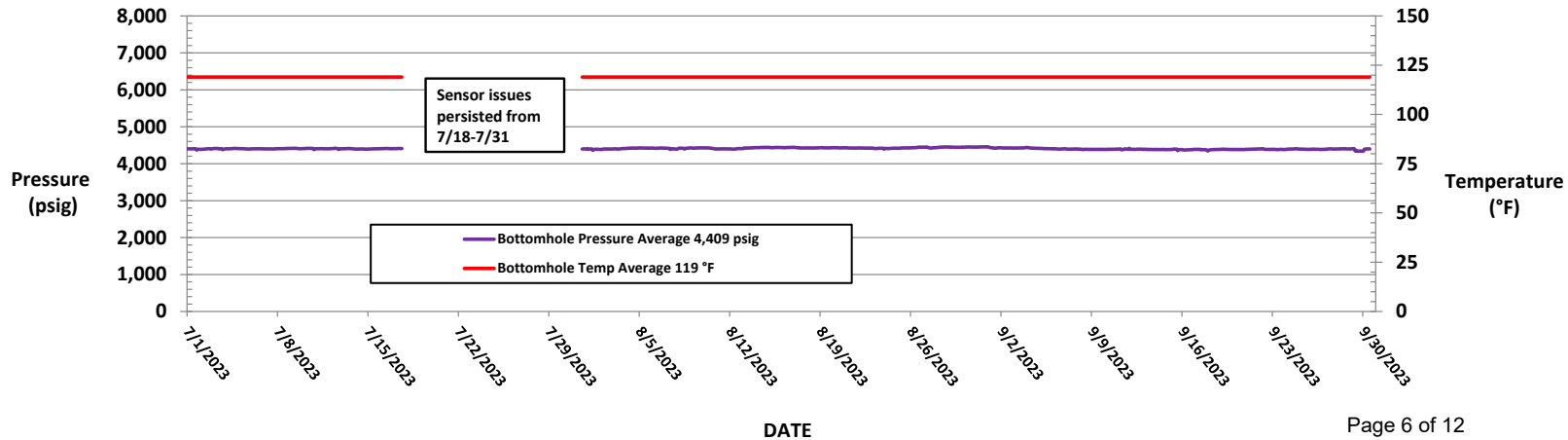
**FIGURE 3: MONUMENT AGI D #2 SURFACE INJECTION PRESSURE, ANNULAR PRESSURE AND INJECTION TEMPERATURE**



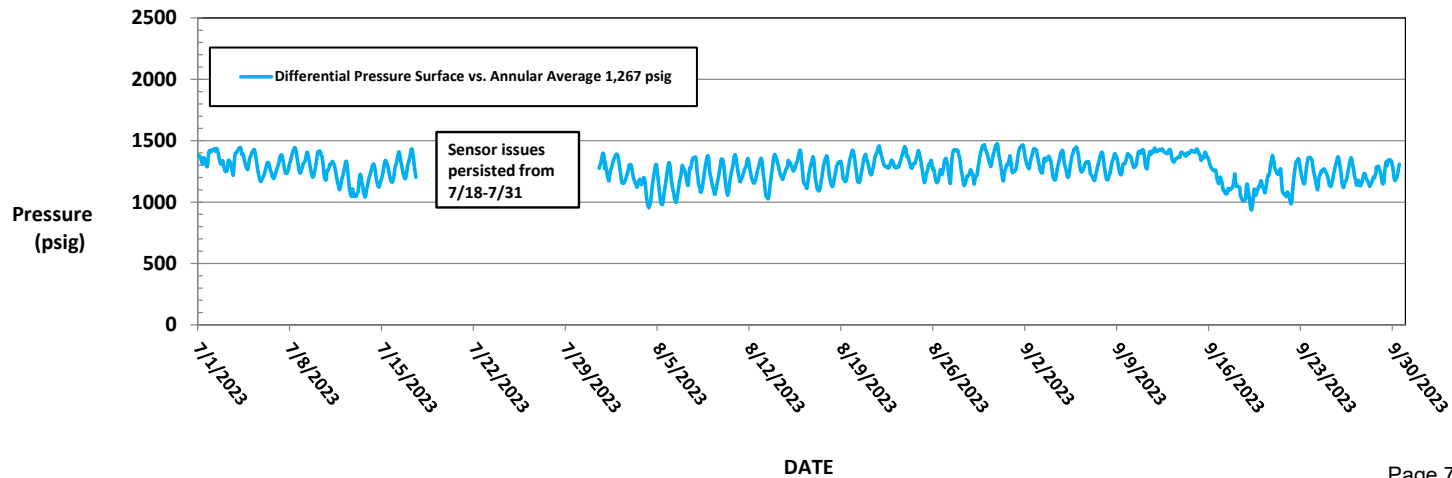
**FIGURE 4: MONUMENT AGI D #2 SURFACE INJECTION PRESSURE AND BOTTOM HOLE PRESSURE**



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

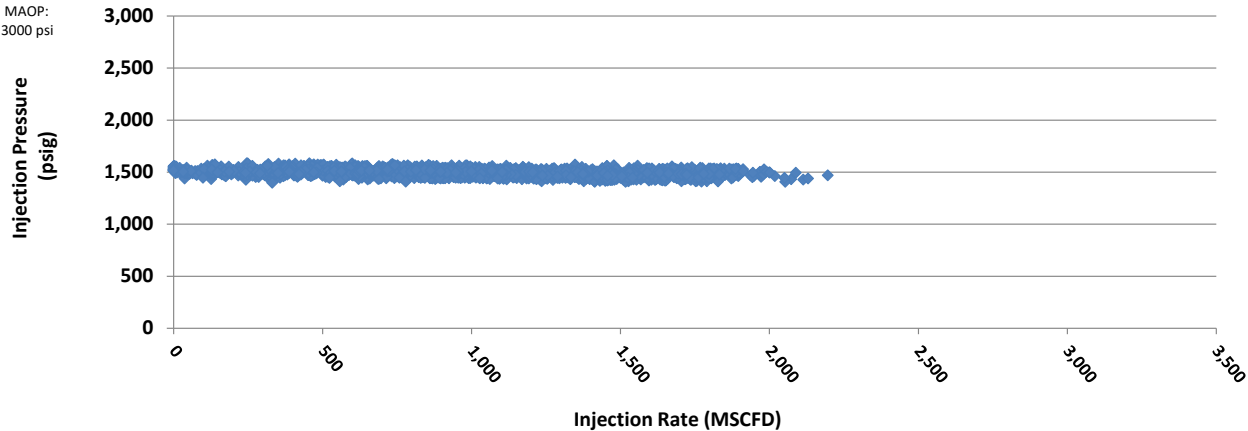


**FIGURE 6: MONUMENT AGI D #2 DIFFERENTIAL PRESSURE**



**FIGURE 7: MONUMENT AGI D#2 INJECTION PRESSURE V. RATE**

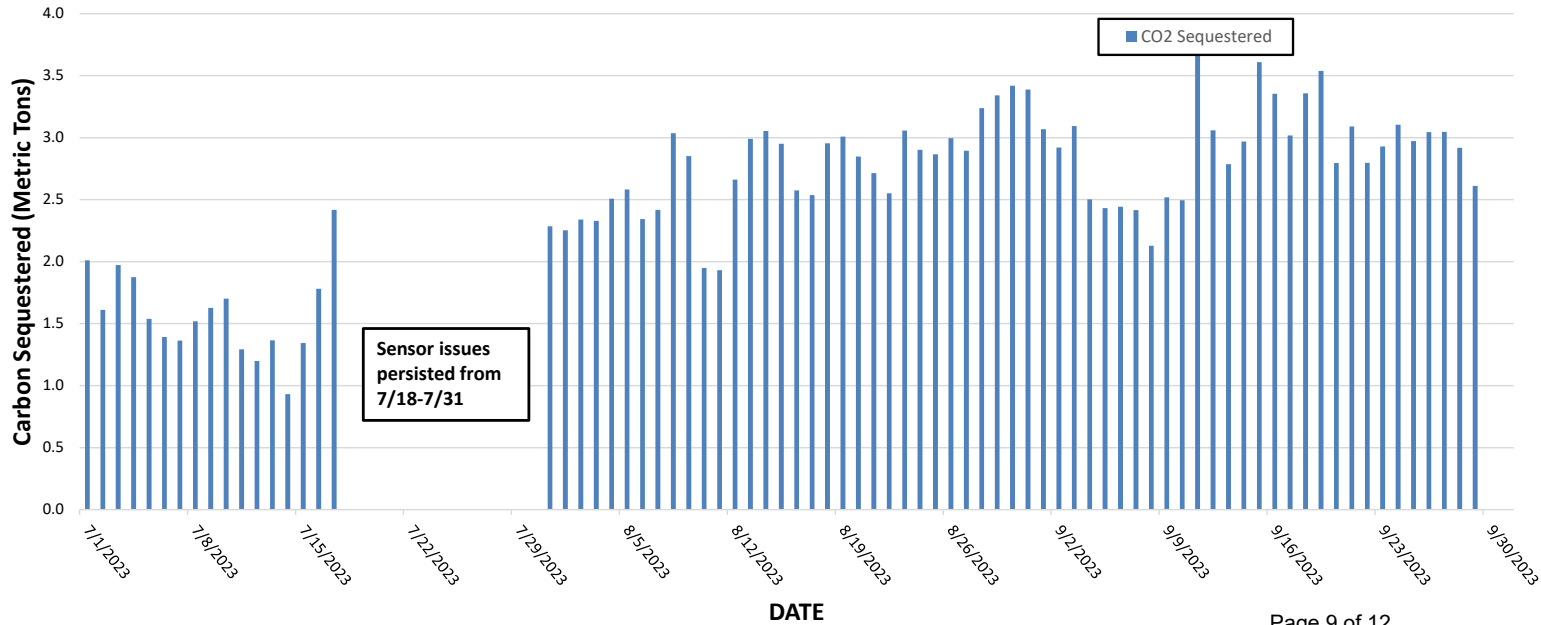
MAOP:  
3000 psi



Max Rate:  
5 MMSCFD



**FIGURE 8: MONUMENT AGI D #2 DAILY CO<sub>2</sub> SEQUESTERED**



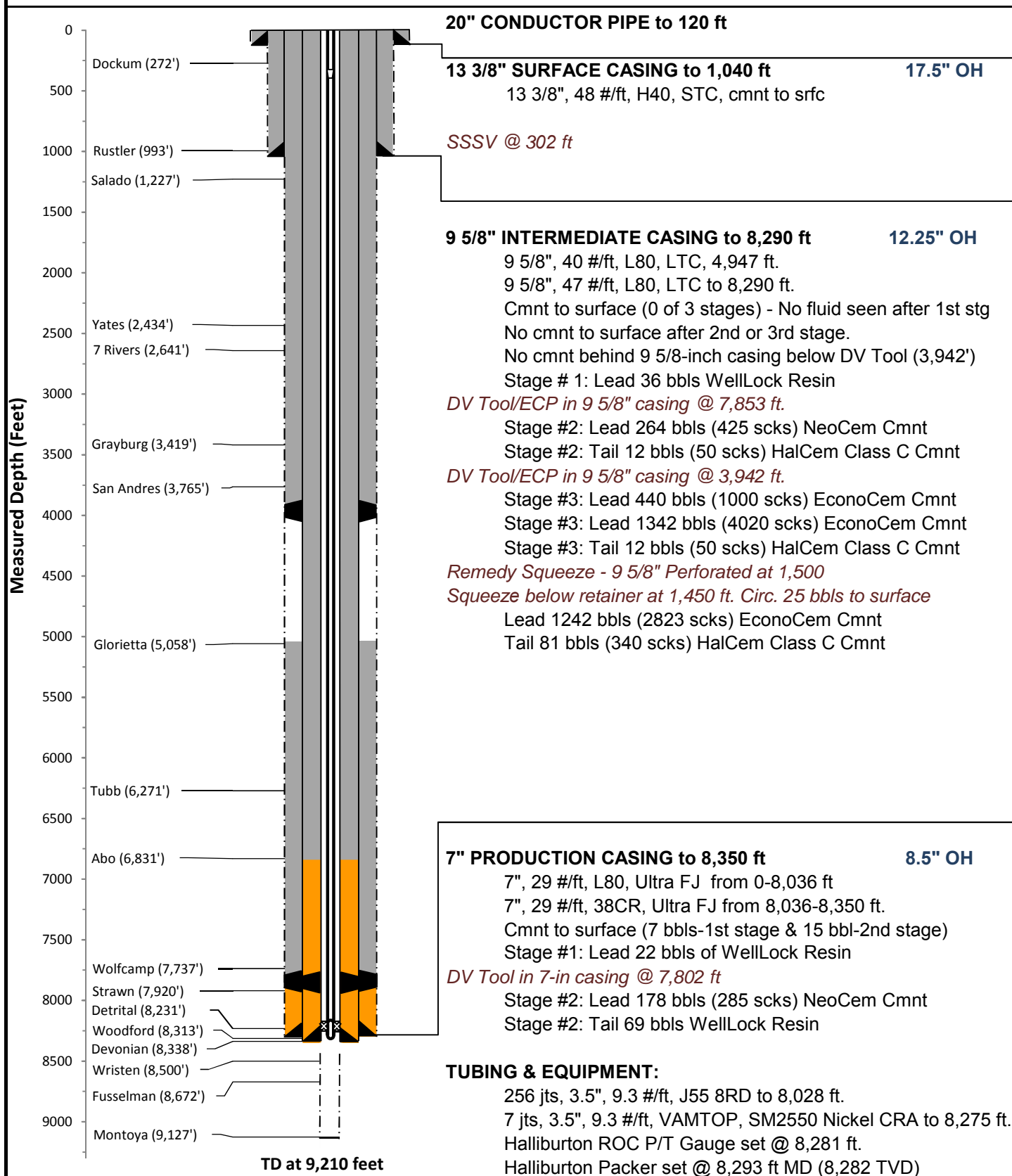
**WELL AND TUBING SCHEMATIC**

**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)

Final Installation						
Installation	Length	Depth	Description	OD	ID	
1	25.00	1.99	KB CORRECTION			
2	0.50	26.99	TUBING HANGER			
3	1	27.49	3.5" 9.3# J55 8RD DOUBLE PIN ADAPTER	3.500	2.992	
	2	28.11	1 JOINTS 3.5" 9.3# J55 8RD TUBING	3.500	2.670	
	3	56.86	3.5" 9.3# J55 8RD TUBING SUBS(10.05 - 6.05)			
	4	72.96	7 JOINTS 3.5" 9.3# J55 8RD TUBING	3.500	2.670	
4	5	293.89	3.5" 9.3# J55 8RD TUBING SUB	3.550	2.670	
	6	299.93	X OVER 3.5" 9.3# 8RD BOX X 3.5# 12.7# VAMTOP PIN	4.000	2.750	
	7	302.23	HALLIBURTON TUBING RETRIEVABLE SAFETY VALVE NICKLE ALLOY 925 15,000# PRESSURE RATING 750 PSI CLOSING 781HRE25224 101757100 SN 0003747503-1 3.5" 12.7# VAMTOP B X P 2300 PSI OPENING 2.562 'X' PROFILE IN TOP OF VALVE.	5.610	2.562	
5	8	306.31	X-OVER 3.5" 12.7# VAMTOP BOX X 3.5" 9.3# 8RD PIN	4.070	2.750	
6	9	308.47	3.5" 9.3# J55 8RD TUBING SUB	3.550	2.670	
7	10	314.44	248 JOINTS 3.5" 9.3# J55 8RD TUBING	3.500	2.670	
8	11	8,027.74	X-OVER 3.5" 9.3# 8RD BOX X 3.5" 9.2# VAMTOP PIN	3.970	2.980	
9	12	8,030.12	7 JOINTS 3.5" 9.2# VAMTOP SM2550 NICKELTUBING	3.500	2.992	
	13	8,274.70	3.5" 9.2# VAMTOP BOX X PIN SUB	3.530	2.992	
10	14	8,280.45	HALLIBURTON ROC GAUGE MANDREL 3.5" VAMTOP BXP 102329817 SN-464192 ROC GAUGE ROC16K175C 101863926 WD#9381-6034 ADDRESS 126 SN-ROC004483	4.670	2.950	
	15	8,284.53	X-OVER SUB 3.5" 9.2# VAMTOP BOX X 2.875" 6.5# VAMTOP PIN	3.930	2.441	
	16	8,285.49	X-OVER SUB 2.875" 6.5# VAMTOP BOX X PIN	2.900	2.441	
	17	8,291.58	2.313" 'X' NIPPLE 2.875" 6.4# VAMTOP BOX X PIN	3.240	2.313	
	A		HALLIBURTON SEAL ASSEMBLY			
	a-1	8,292.69	STRAIGHT SLOT LOCATOR 2.875" VAMTOP BOX X 2.875 NU 10 INCOLOY 925 (212S3270-D)(102582273)(SN-0003781099-1)	3.950	2.431	
	a-2	8,294.42	SEAL UNIT 212MSF32500-D 102666617 SN 0003779766-5 2.875" NU 10 RD INCOLOY 925	3.200	2.380	
11	a-3	8,295.42	3 EXTENSIONS 2.875 NU 10 RD 2.06' EACHNICKEL ALLOY 925 (212X32500-D) (120056337)(SN-0003777400-1)	3.200	2.347	
12	a-4	8,301.48	4 -SEAL UNITS 3.250" X 2.875" NU 10RD NICKEL ALLOY 925 1 EA- (212MSF32500-D)(102666617)(SN 0003779766-3 3-EA (212MSA3200-D)(102666512)(SN 0003779766-1 0003779766-4 0003779766-2	3.200	2.380	
13	a-5		(FLOUREL SEALS SAP# 100014586 AFLAS SEALS SAP# 100006529)			
14		8,305.48	MULE SHOE GUIDE 2.875" NU 10RD NICKEL ALLOY 925 (812G32500-D) (10143327)(SN-0003777382-1)	3.200	2.380	
15			LAND HANGER WITH 26,000# COMPRESSION PUTS 20,000# COMPRESSION ON PACKER			
16			PICK UP WEIGHT IS 68,000# SLACK OFF IS 64,000#			
17			HALLIBURTON PACKER ASSEMBLY			
18	18	8,292.69	HALLIBURTON 7" 23-38# BWD PERMANENT PACKER WITH 3.250" BORE, 4" 8UN BOX THREAD, INCOLOY 925 (212BWD7007-D)(101302623) WAS RUN ON W/L AND TOP @ 8292.69' ELEMENTS @ 8294'	5.690	3.250	
19						
20	19	8,296.68	SEAL BORE EXTENSION INCOLOY 925 4" 8UN PXP (PN212N11584)(101468460)(SN-0003744131-1)	4.750	3.250	
21	20	8,306.15	X-OVER 4" 8UN BOX X 2.875" 6.5# 8RD INCOLOY 925 (212N9343)(101159929-A)(SN-0003777396-1)	5.000	2.430	
22	21	8,306.71	PUP JOINT 2.875" 6.5# EU 8RD INCOLOY 925	2.880	2.380	
23	22	8,314.81	HALLIBURTON 2.188" 'R' LANDING NIPPLE INCOLOY 925 (811R21807-D) (102362504) ( SN- 0003777399-2) NICKEL ALLOY 925	3.670	2.188	
24	23	8,316.02	PUP JOINT 2.875" 7.9# EU 8RD INCOLOY 925	2.880	2.290	
25	24	8,324.11	HALLIBURTON 2.125" 'R' LANDING NIPPLE (811R21286) (102667285) ( SN- 0003781497-1) NICKEL ALLOY 925	3.940	2.125	
26	25	8,325.42	PUP JOINT 2.875" 6.5# EU 8RD INCOLOY 925	2.880	2.380	
	26	8,329.52	WIRELINE RE-ENTRY GUIDE 2." 9.3# VAM INCOLOY 925	3.950	2.441	
		8,330.10	BOTTOM OF ASSEMBLY			
			EOC @ 8348' TD @ 9210'			
			DIESEL USED FOR PACKER FLUID			
			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**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS  
  
Action 277130

CONDITIONS

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 277130
	Action Type: [C-103] Sub. General Sundry (C-103Z)

CONDITIONS

Created By	Condition	Condition Date
mgebremichael	None	11/14/2023