State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-103
Revised July 18, 2013

WELL API NO.
Zia AGI #1 30-025-42208
Zia AGI D#2 30-025-42207

5. Indicate Type of Lease BLM
STATE ☐ FEE ☐

6. State Oil & Gas Lease No.
NMLC065863

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.)

7. Lease Name or Unit Agreement Name
Zia AGI

1. Type of Well: Oil Well ☐ Gas Well ☐ Other: Acid Gas Injection Well ☒

8. Well Number #1 and D#2

2. Name of Operator
DCP Operating Company, LP

9. OGRID Number
36785

3. Address of Operator
6900 E. Layton Ave, Suite 900, Denver, CO 80237

10. Pool name or Wildcat
#1 AGI: Cherry Canyon/Brushy Canyon
D#2 AGI: Devonian/Fusselman/Montoya

4. Well Location Surface
Zia AGI#1 Unit Letter L : 2,100 feet from the SOUTH line and 950 feet from the WEST line
Zia AGI D#2 Unit Letter L : 1893 feet from the SOUTH line and 950 feet from the WEST line
Section 19 Township 19S Range 32E NMPM County Lea

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
3,550 (GR)

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
CLOSED-LOOP SYSTEM	☐						
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. **Wellbore Diagrams attached.**

Zia AGI#1 MAOP 2,233 psig NMOCC Order R-13809 / Zia AGI D#2 MAOP 5,208 psig NMOCC Order R-14207

Quarterly Report for the period from July 1 to September 30 (Q3) Pursuant to NMOCC Orders 13809 and 14207 for Zia AGI #1 and AGI D#2, respectively.

This report includes the data and analysis of surface injection pressure, TAG temperature, casing annular pressure as well as downhole injection pressure, temperature, and annular pressure for the Zia AGI#1 and for the Zia AGI D#2 for Q3, 2024. AGI D#2 is the primary well for this facility with the Zia AGI #1 to be used only as a redundant and backup well. Based on data for surface injection/annular pressure and their current MITs, both wells continue to show excellent integrity. 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 10. All the values presented below are averages for the static conditions in AGI #1 since the well was not in operation for the entire reporting period. Only AGI D#2 was operated during this quarter and its average values represent the normal operational condition of the well. Average injection rates for AGI D#2 have remained generally the same (3.72 MMSCFD in Q2, 2024 and 5.01 MMSCFD in Q3, 2024).

AGI #1 Surface Measurements (inactive): Average TAG Line Pressure: 9.52 psig, Average Annular Pressure: 323 psig, Average Pressure Differential: -313 psig, Average Tag Line Temperature: 102 °F, Average TAG injection rate: 0.00 MMSCFD (not in use this quarter).

AGI #1 Downhole Measurements (inactive): Average bottom hole pressure: 3,274 psig, Average annular bottom hole pressure: 2,285 psig, Average annular bottom hole temperature: 98 °F, Average bottom hole TAG Temperature: 98 °F (all unchanged since 2021).

AGI D#2 Surface Measurements: Average TAG Injection Pressure: 1,924 psig, Average Annular Pressure: 341 psig, Average Pressure Differential: 1,583 psig, Average Tag Temperature: 118 °F, Average TAG injection rate: 5.01 MMSCFD.

AGI D#2 Downhole Measurements: Average bottom hole pressure 6,631 psig, Average bottom hole TAG Temperature: 165 °F. Only AGI D#2 was operated during this reporting period.

Note that during the month of July, AGI #2 experienced a brief outage with the injection rate from the 9th through the 11th, and in August, AGI #2 experienced slight variations in the injection rate due to minor compressor issues. The data gathered throughout this quarter demonstrate the correlative behavior of the annular pressure with the flowrate, injection pressure and temperature confirming that both wells have good integrity and are functioning appropriately within the requirements of their respective NMOCC orders. No mechanical changes to the either well or wellhead have been made since the last quarterly report. Well AGI D#2 displays excellent reservoir characteristics easily accommodating the required volumes of TAG from the facility. This well will be used as the primary disposal well for the facility with the AGI #1 well being operated as needed to confirm functionality and to allow for any required future maintenance on the AGI D#2 well.

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

SIGNATURE _____ TITLE Consultant to DCP Midstream LP DATE 10/10/2024

Type or print name: Alberto A Gutiérrez, RG E-mail address: aag@geolex.com PHONE: 505-842-8000

For State Use Only
APPROVED BY:_____TITLE_____DATE_____
Conditions of Approval (if any):

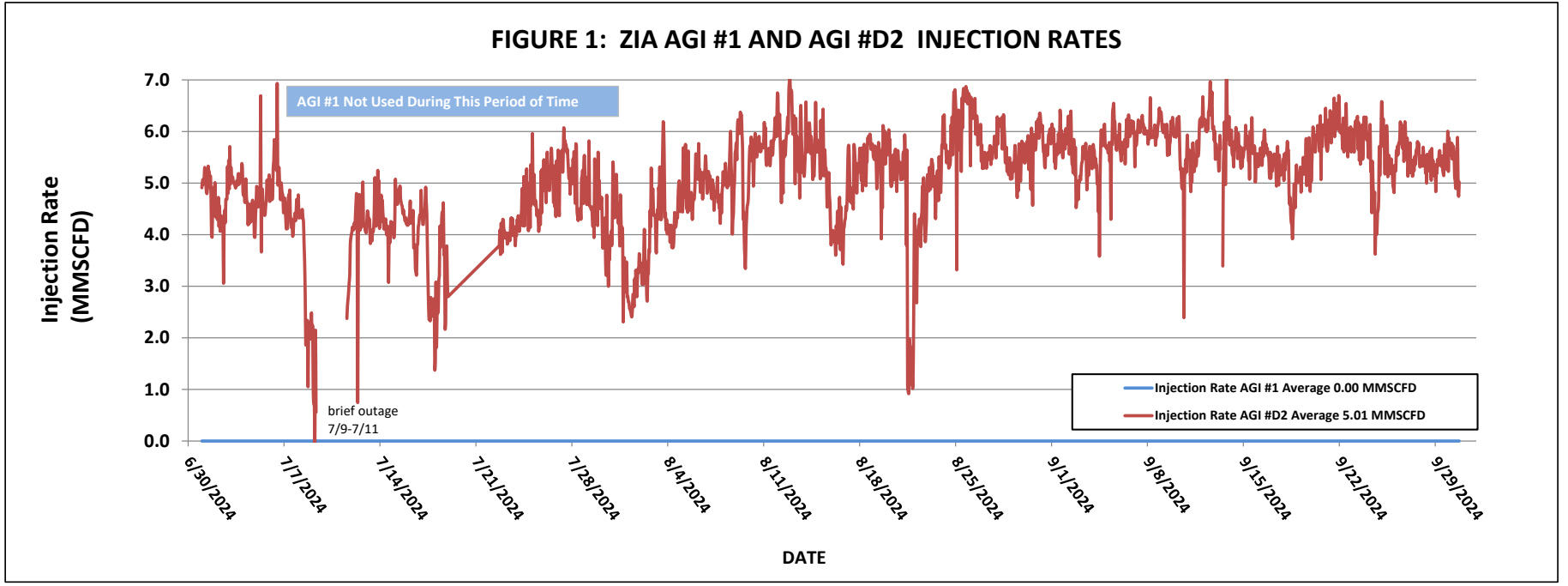


FIGURE 1: ZIA AGI #1 AND AGI #D2 INJECTION RATES
Injection Rate (MMSCFD)
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
AGI #1 Not Used During This Period of Time
brief outage
7/9-7/11
Injection Rate AGI #1 Average 0.00 MMSCFD
Injection Rate AGI #D2 Average 5.01 MMSCFD
6/30/2024
7/7/2024
7/14/2024
7/21/2024
7/28/2024
8/4/2024
8/11/2024
8/18/2024
8/25/2024
9/1/2024
9/8/2024
9/15/2024
9/22/2024
9/29/2024
DATE

FIGURE 2: ZIA AGI #1 SURFACE INJECTION PRESSURE, ANNULAR PRESSURE AND INJECTION RATE

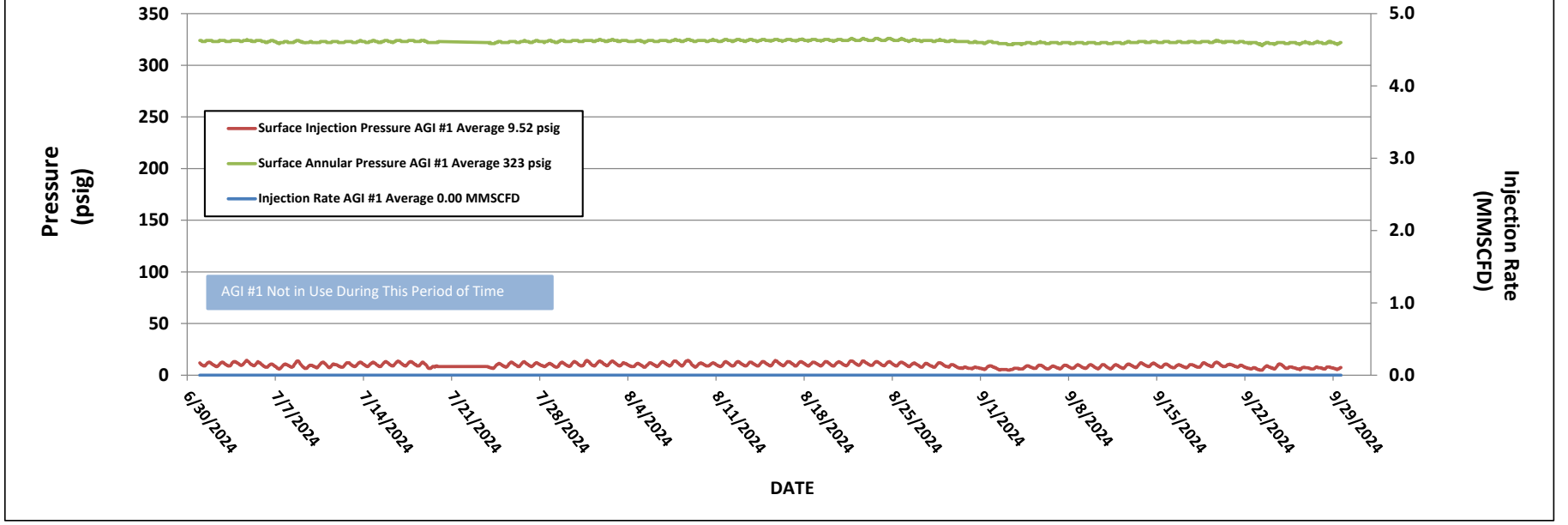


FIGURE 3: ZIA AGI #1 SURFACE INJECTION PRESSURE, ANNULAR PRESSURE AND INJECTION TEMPERATURE

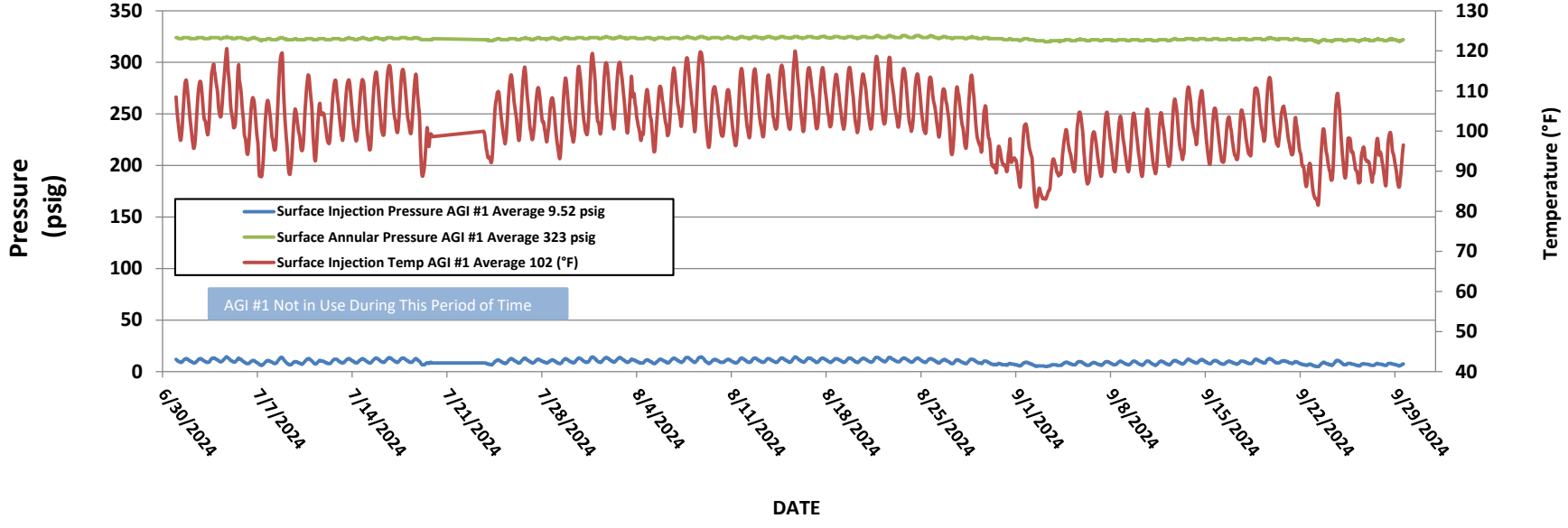


FIGURE 4: ZIA AGI #1 SURFACE INJECTION PRESSURE AND BOTTOM HOLE PRESSURE

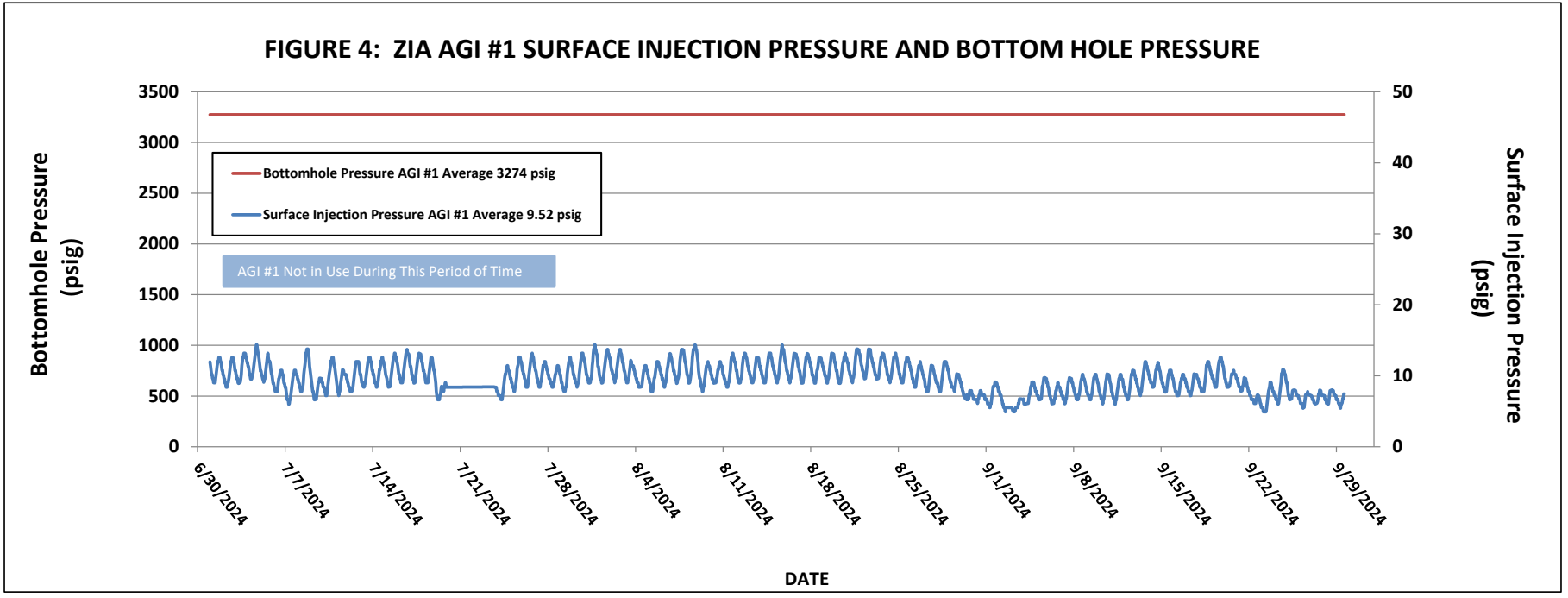


FIGURE 5: ZIA AGI #D2 SURFACE INJECTION PRESSURE, ANNULAR PRESSURE AND INJECTION RATE

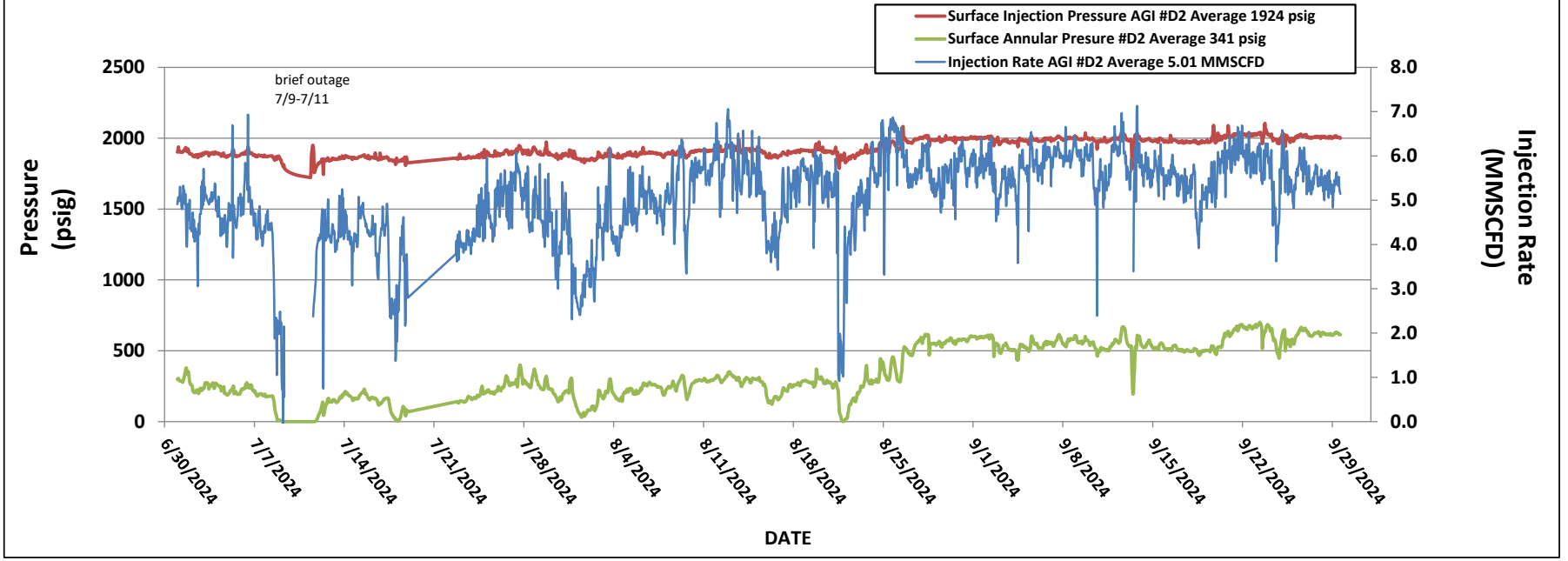


FIGURE 6: ZIA AGI #D2 SURFACE INJECTION PRESSURE, ANNULAR PRESSURE AND INJECTION TEMPERATURE

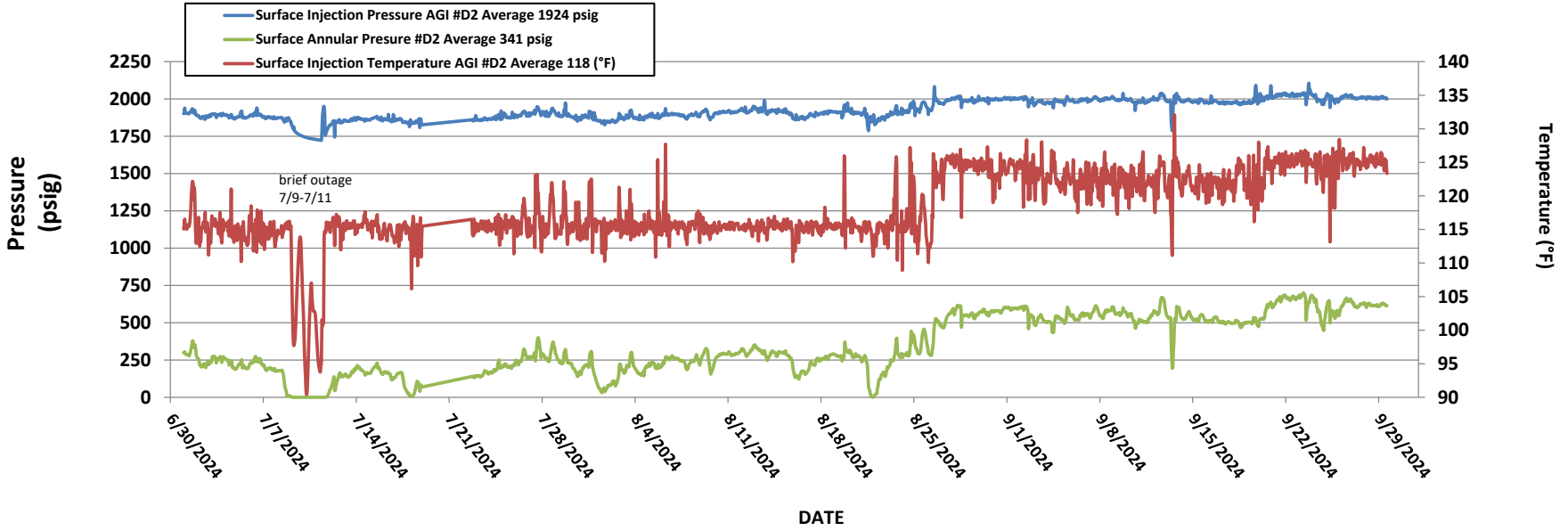


FIGURE 7: ZIA AGI #D2 SURFACE INJECTION PRESSURE AND BOTTOM HOLE PRESSURE

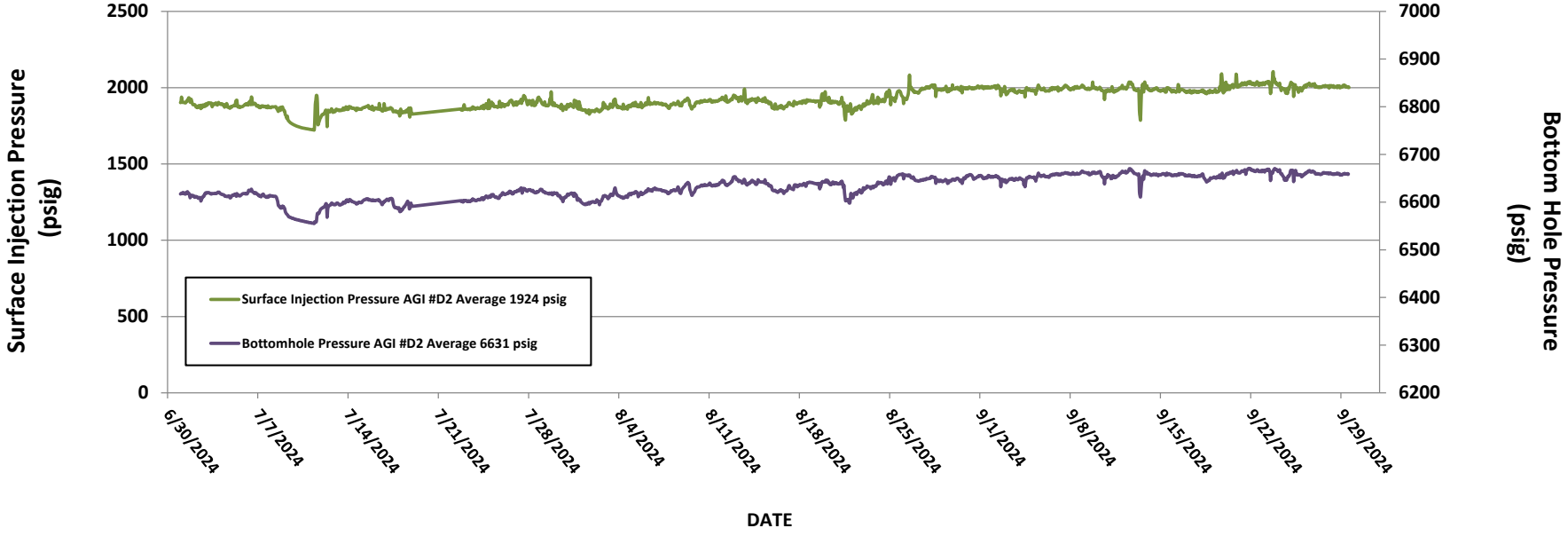


FIGURE 8: ZIA AGI #1 BOTTOM HOLE PRESSURE AND TEMPERATURE

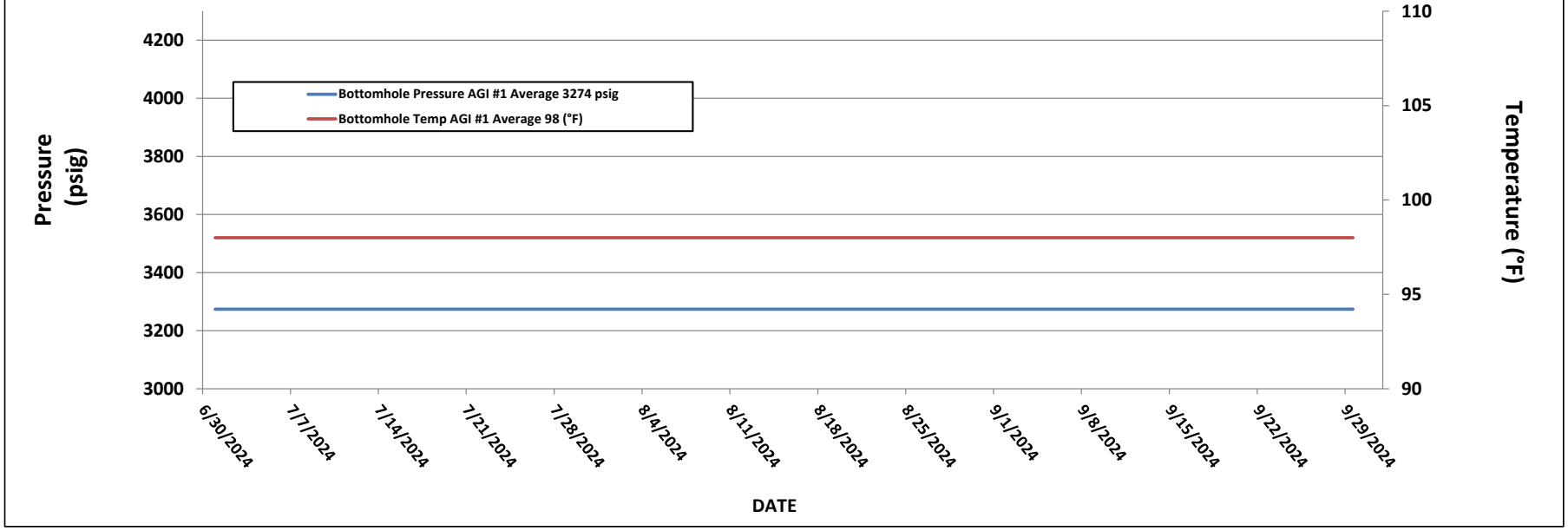


FIGURE 9: ZIA AGI #D2 BOTTOM HOLE PRESSURE AND TEMPERATURE

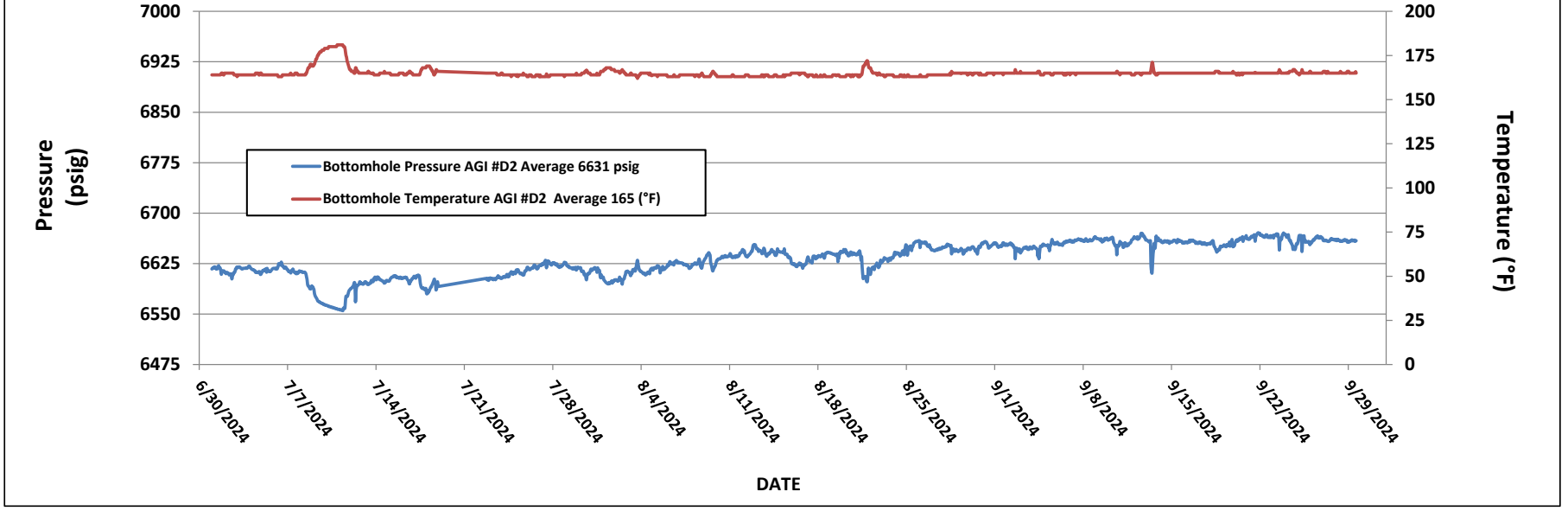
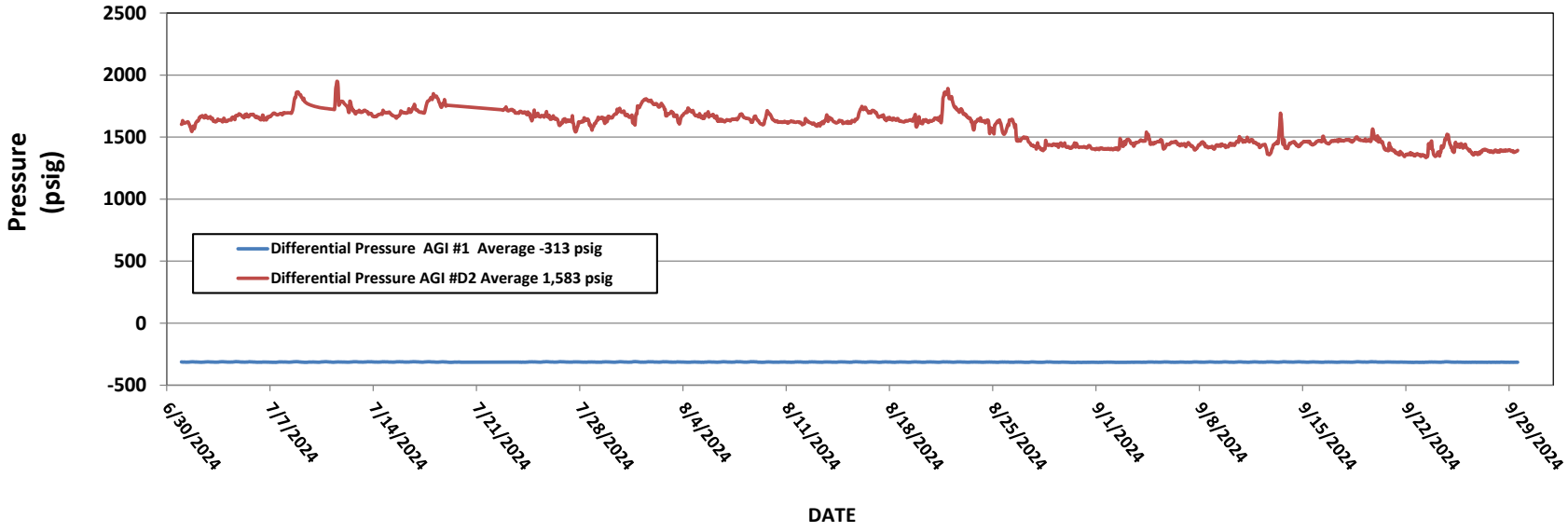


FIGURE 10: ZIA AGI #1 AND #D2 DIFFERENTIAL PRESSURE



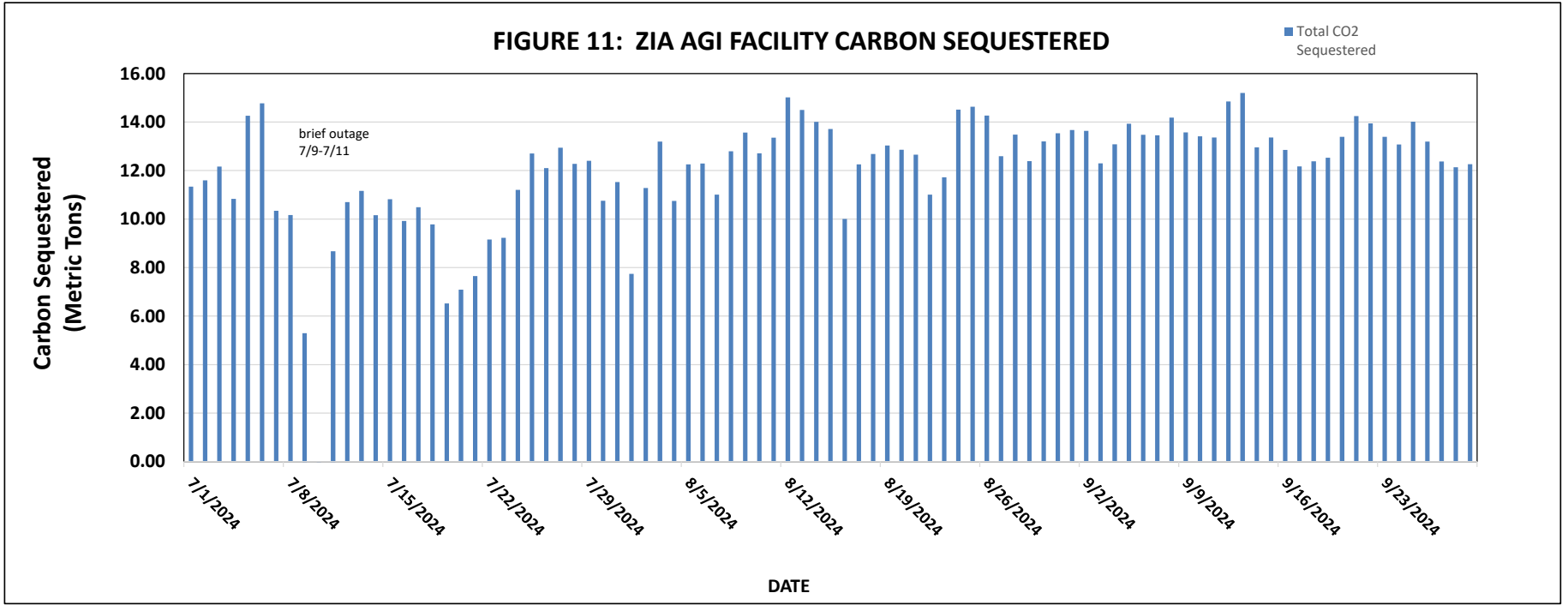


FIGURE 11: ZIA AGI FACILITY CARBON SEQUESTERED
Total CO2 Sequestered
Carbon Sequestered (Metric Tons)
16.00
14.00
12.00
10.00
8.00
6.00
4.00
2.00
0.00
brief outage
7/9-7/11
7/1/2024
7/8/2024
7/15/2024
7/22/2024
7/29/2024
8/5/2024
8/12/2024
8/19/2024
8/26/2024
9/2/2024
9/9/2024
9/16/2024
9/23/2024
DATE

WELL SCHEMATICS

Zia AGI #1 API# 30-025-42208

Zia AGI D #2 API# 30-025-42207

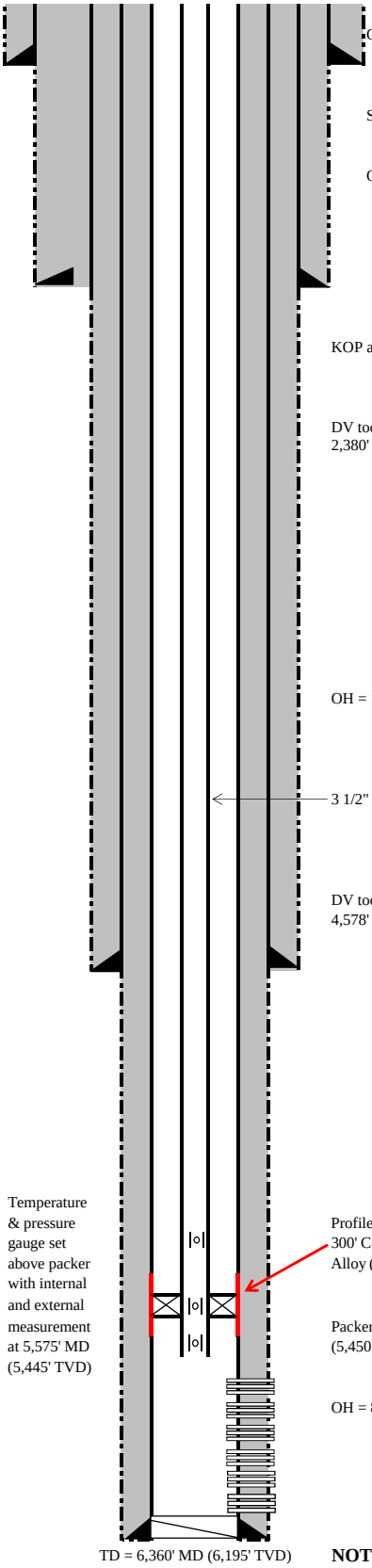
GEOLEX INCORPORATED

ZIA AGI #1 AS-BUILT WELL SCHEMATIC

dcp Midstream

Location: DCP Zia AGI #1 (API: 30-025-42208)
STR Section 19(L), T19S-R32E (2100' FSL & 950' FWL)
County, St.: LEA COUNTY, NEW MEXICO

16.2 DEGREE SLANT



CONDUCTOR CASING
20" Conductor at 120' (cement to surface)

SURFACE CASING
13 3/8", 68.0#/ft, J55, BTC at 842' (cement to surface)

ANNULAR FLUID:
Diesel Fuel from top of packer to surface

INTERMEDIATE CASING:
9 5/8", 40.0 #/ft, J55, LT&C at 4,921' (4,830 Ft TVD) cement to surface

PRODUCTION CASING:
7 5/8", 29.7 #/ft, HCL-80 LT&C, Surf. To 319' (MTD)
7", 26 #/ft, HCL-80 LT&C, 319' to 5,306' (MTD)
7", 26 #/ft, 28Cr VAM TOP, 5,306' to 5,615' (MTD)
7", 26 #/ft, HCL-80 LT&C, 5,615' to 6,344' (MTD) cement to surface

TUBING:
Subsurface Safety Valve at 242' MD (242' TVD)
3 1/2", 9.3#/ft, L-80 Fiberglass Lined Tubing surf. to 5,443' MD, ID=2.684", Drift=2.559"
3 1/2", 9.3#/ft, SM2550 from 5,443' to 5,575' MD
All tubing to include premium threads utilizing metal to metal sealing in collars

PACKER:
Permanent Production Packer @ 5,579' MD (5,450' TVD)
Adj. Choke (if needed, placed in nipple below packer)
Check valve (if needed, placed in nipple below packer)

PERFORATIONS:
MD
5,682' - 5,756' complete and inject
5,788' - 5,890' complete and inject
5,907' - 6,010' complete and inject
6,030' - 6,136' complete and inject
6,162' - 6,260' complete and inject

NOT TO SCALE

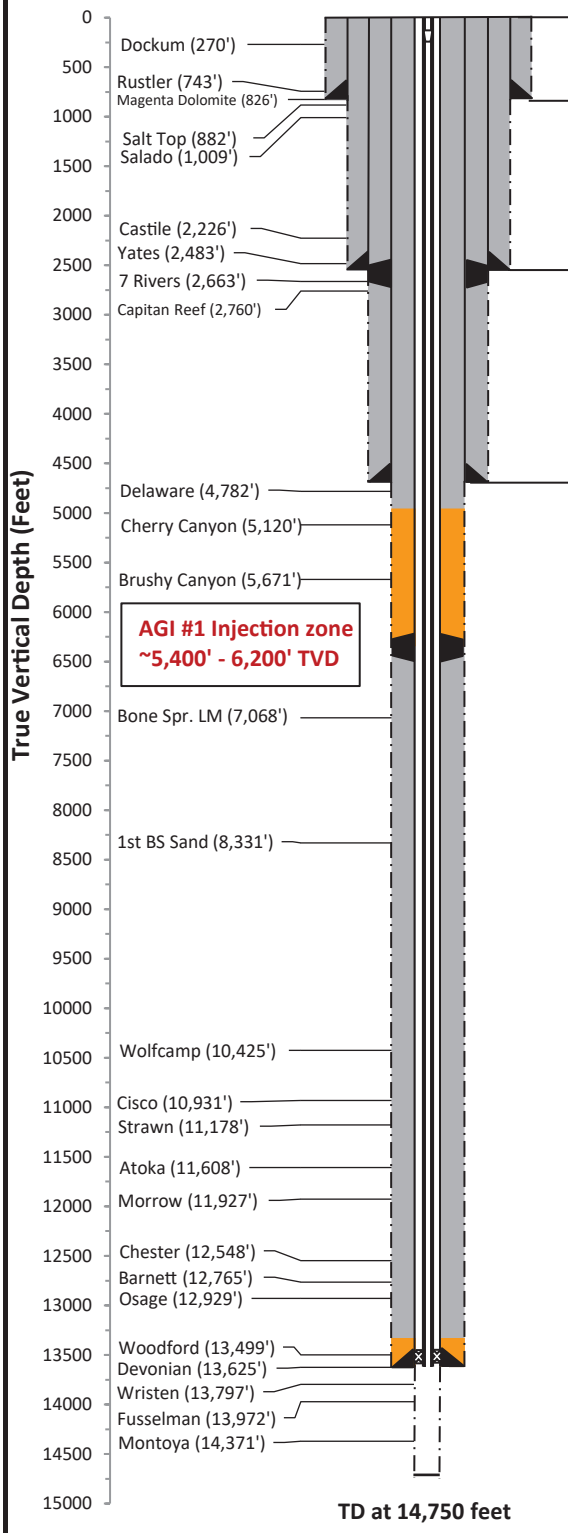
Bottom Hole Location: Section 19(G), T19S, R32E (2,099' FNL & 862' FWL)

GEOLEX INCORPORATED

dcp Midstream

DCP Zia AGI D #2 As-Built Well Schematic

Well Name:	Zia AGI D #2	**Footage:**	1893' FSL & 950' FWL
API:	30-025-42207	**Well Type:**	Devonian AGI Expl.
STR:	Sec. 19(L), T19S-R32E	**KB/GL:**	3574'/3547'
County, St.:	Lea County, New Mexico	**Lat, Long:**	32.643950, -103.777782



30" CONDUCTOR PIPE to 120 ft

20" SURFACE CASING to 826 ft **26" OH**
20", 106.5 #/ft, J55, BTC, cmnt to srfc
Lead: HalCem Class C - 1,175 sx
Tail: HalCem Class C - 250 sx

SSSV @ 277'

13 3/8" 1ST INTERMEDIATE CASING to 2,555 ft **17.5" OH**
13 3/8-inch, 61 #/ft, J55, BTC, cmnt to srfc
Lead: HalCem Class C - 1,700 sx
Tail: HalCem Class C - 250 sx

9 5/8" 2ND INTERMEDIATE CASING to 4,696 ft **12.25" OH**
9 5/8-inch, 40.0 #/ft, N-80, BTC, cmnt to srfc (both stages)
Stage 1 - Lead: EconoCem HCL - 450 sx
Stage 1 - Tail: HalCem Class C - 250 sx
DV Tool/ECP in 9 5/8" casing @ 2,608 ft.
Stage 2 - Lead: HalCem Class C - 650 sx
Stage 2 - Tail: HalCem Class C - 100 sx

7" PRODUCTION CASING to 13,622 ft **8.75" OH**
7 5/8", 33.7 #/ft, P-110, LTC from 0-306 ft
7", 29 #/ft, P-110, LTC from 306-4,955 ft
7" 32 #/ft, V-110 Vallourec VAM from 4,955 to 6,346 ft
7", 29 #/ft, P-110, LTC from 6,363 to 13,329 ft
7", 32#/ft, V-110 Vallourec VAM from 13,329 to 13,622 ft
Cmnt to srfc on both stages
Stage 1 - Lead: Tuned Light Cement - 770 sx
Stage 1 - Tail: Well Lock Resin - 20 bbls
DV Tool in 7-in casing @ 6,346 ft (top)
Stage 2 - Lead: Tuned Light Cement - 420 sx
Stage 2 - Tail: Well Lock Resin - 80 bbls

TUBING & EQUIPMENT:
411 jts, 3.5", 9.3 #/ft, L80, BTS-8 from 0-13,197 ft
Halliburton Retrievable SSSV set @ 277 ft
9 jts, 3.5", 9.2 #/ft, Inconel G3 VAM Top from 13,200 - 13,518
HAL ROC P/T Gauge set @ 13, 526 ft
Halliburton BWD Permanent Packer set @ 13,535 ft
Annulus filled with 500 bbls diesel mixed with 1% (5 bbls)
Baker CRO 381 corrosion inhibitor

Schematic is properly scaled

TD Location: Sec. 19, T19S-R32E (1963' FSL & 1024' FWL)

GEOLEX INCORPORATED

dcp Midstream

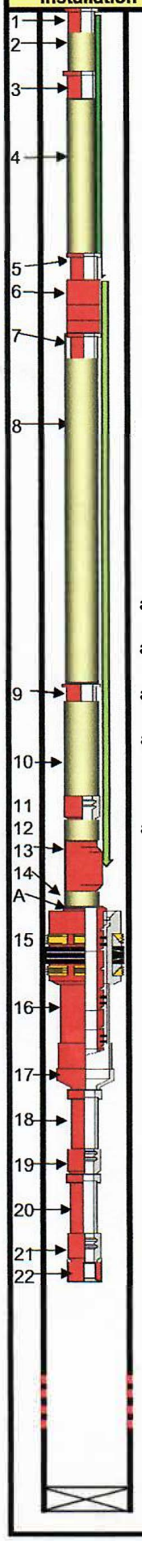
HALLIBURTON ENERGY SERVICES

DCP MIDSTREAM

ZIA AGI #2
LEA COUNTY, NEW MEXICO
1/22/17

Company Rep. GARY HENRICH
Tool Specialist SCOTT WALTON
Office ODESSA
SAP No. 903711839

Final Installation



Installation		Length	Depth	Description	OD	ID
1		25.00	7.52	KB CORRECTION		
2		0.50	32.52	TUBING HANGER		
	1	3.62	33.02	DOUBLE PIN ADAPTER	3.500	2.925
3	2	31.41	36.64	1 JOINT 3.5" 9.3# L-80 BTS8 TUBING	3.500	2.925
	3	17.48	68.05	3.5" 9.3# L80 BTS8- TUBING SUBS(9.73, 7.75)	3.500	2.925
	4	188.39	85.53	6 JOINT 3.5" 9.3# L-80 BTS8 TUBING	3.500	2.925
4	5	3.72	273.92	3.5" 9.3# X-OVER SUB BTS8 BOX X AB-TC-II PIN	3.940	2.910
	6	4.40	277.64	HALLIBURTON TUBING RETRIEVABLE SAFETY VALVE 3.5" 9.2# AB-TC-II BOX X PIN 478HRE18 102588547 SN-0003667054-2 NICKLE ALLOY 925 15,000# PRESSURE RATING 750 PSI CLOSING 2300 PSI OPENING 2.813 'R' PROFILE IN TOP OF VALVE.	5.290	2.813
5	7	3.75	282.04	3.5" 9.3# X-OVER SUB AB-TC-II BOX X BTS8 PIN	3.940	2.910
6						
7	8	12911.35	285.79	411 JOINTS 3.5" 9.3# L80 BTS8 TUBING	3.500	2.684
	9	3.75	13,197.14	X-OVER PUP JOINT 3.5" 9.3# BTS8 box X 3.5" 9.3# VAMTOP pin	3.930	2.684
	10	317.56	13,200.89	9 JOINTS 3.5" 9.3# VAMTOP SM2550 NICKELTUBING	3.500	2.992
	11	1.33	13,518.45	HALLIBURTON 2.562 X 3.5# 9.3# L-80 VAM TOP LANDING NIPPLE (811R25635)(102204262)(SN-0003744132-3) NICKEL ALLOY 925	3.940	2.562
8	12	6.35	13,519.78	3.5" 9.2# G3-125 VAMTOP BOX X PIN SUB (COUPLING ON BTM)	3.930	2.992
	13	4.32	13,526.13	HALLIBURTON ROC GAUGE MANDREL 3.5" VAMTOP PXP 102329817 SN-ATM-16-106669-1 ROC GAUGE ROC16K175C 101863926 WD#9381-6034 ADDRESS 094 SN-ROC004482	4.670	2.950
	14	3.75	13,530.45	3.5" 9.2# G3-125 VAMTOP BOX X PIN SUB	3.930	2.992
	A			HALLIBURTON SEAL ASSEMBLY		
	a-1	1.73	13,534.20	STRAIGHT SLOT LOCATOR 3.5" VAMTOP X 3.5" 10.2# VAMINSIDE INCOLOY 925 (212S4042-D)(102351212)(SN-G3362241-1)	4.460	2.886
	a-2	4.33	13,535.93	EXTENSION 3.5" 10.2# VAMINSIDE NICKEL ALLOY 925 (212X38814-D) (158726)(SN-G3362256-1)	3.860	2.902
9	a-3	4.33	13,540.26	EXTENSION 3.5" 10.2# VAMINSIDE NICKEL ALLOY 925 (212X38814-D) (158726)(SN-G3362256-1)	3.860	2.902
	a-4	5.00	13,544.59	5 -SEAL UNITS 4" X 3.5" 10.2 VAM TOP NICKEL ALLOY 925 MOLDED AFLAS SEALS 4.07 OD, 8000 PSI (812MSA40003-D)(102133617)(SN-0003744129-1 0003744129-4) (0003744129-3 0003744129-2 0003744129-5) (METAL OD 3.95")	4.050	2.883
10						
11						
12	a-5			(TOP 2 SEAL ARE FLOUREL BOTTOM 3 SEALS ARE AFLAS)		
13		0.54	13,549.59	MULE SHOE GUIDE 3.5" 10.2# VAMINSIDE NICKEL ALLOY 925 (812G40137-D) (102133560)(SN-3744130)	3.950	2.980
14						
A				LAND HANGER WITH 26,000# COMPRESSION PUTS 20,000# COMPRESSION ON PACKER PICK UP WEIGHT IS 132,000# SLACK OFF IS 120,000#		
15				HALLIBURTON PACKER ASSEMBLY		
	15	3.11	13,535.00	HALLIBURTON 7" 26-32# BWD PERMANENT PACKER WITH 4" BORE, 4.75" 8UN BOX THREAD, INCOLOY 925 (212BWD70412-D)(101303583)(SN C3774119) WAS RUN ON W/L AND TOP @ 13535' ELEMENTS @ 13533.21'	5.880	4.000
16						
17	16	11.41	13,538.11	SEAL BORE EXTENSION 4" X 8' INCOLOY 925 4.75 8UN PXP (PN212C7674)(120051359)(SN-0003744131-1)	5.030	4.000
18	17	0.83	13,549.52	X-OVER 4 75" 8UN BOX X 3.5" 9.3# VAM INCOLOY 925 (212N100131)(101719647)(SN-0003744131-1)	5.680	2.963
19	18	5.76	13,550.35	PUP JOINT 3.5" 9.3# VAM TOP INCOLOY 925 WITH COUPLING	3.520	2.940
	19	1.33	13,556.11	HALLIBURTON 2.562"'R' X 3.5" VAMTOP LANDING NIPPLE (811X25635) (102204262) (SN- 0003744132-1) NICKEL ALLOY 925	3.940	2.562
20	20	5.76	13,557.44	PUP JOINT 3.5" 9.3# VAM INCOLOY 925 WITH COUPLING	3.520	2.930
21	21	1.33	13,563.20	HALLIBURTON 2.562" X 3.5" VAMTOP LANDING NIPPLE (811X25635) (102204262) (SN- 0003744132-2) NICKEL ALLOY 925	3.940	2.562
22						
	22	0.73	13,564.53	WIRELINE RE-ENTRY GUIDE 3.5" 9.3# VAM INCOLOY 925	3.970	3.000
			13,565.26	BOTTOM OF ASSEMBLY		

EOC @ 13,622'
TD @ 14,750'

DIESEL USED FOR PACKER FLUID

Filename:

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

CONDITIONS

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 418624
	Action Type: [C-103] Sub. General Sundry (C-103Z)

CONDITIONS

Created By	Condition	Condition Date
mgebremichael	None	1/19/2025