

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 <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 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 <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
DOWNHOLE COMMINGLE <input type="checkbox"/>	P AND A <input type="checkbox"/>
CLOSED-LOOP SYSTEM <input type="checkbox"/>	CASING/CEMENT JOB <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 October 1 through December 31, 2021 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 Q4 2021. 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 Q3) and yielded the following results, which are graphed in detail in attached Figures 1 through 6. There was a hard drive failure in the system which resulted in a loss of surface injection data for a period of approximately 40 days in the quarter. However, the data observed prior to and after the data loss period are consistent and 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: 1764 psig, Average Annular Pressure: 379 psig, Average Pressure Differential: 1384 psig, Average Tag Temperature: 104 °F, Average TAG injection rate: 2296 MSCFD.

Downhole Measurements: Average bottom-hole pressure 4,690 psig, Average bottom-hole Temperature: 118° 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 similar to Q3. This well is scheduled to have its 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 1/05/2022
 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

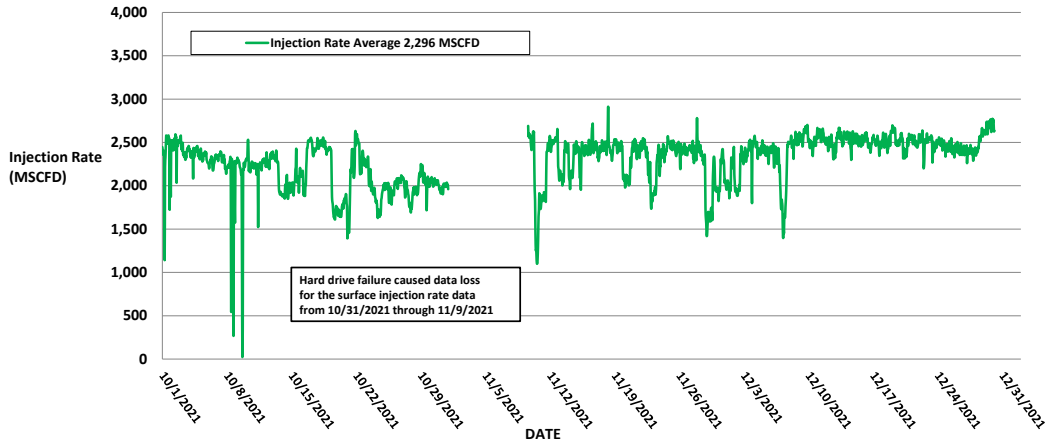


FIGURE 2: MONUMENT AGI D #2 SURFACE INJECTION PRESSURE, ANNULAR PRESSURE AND INJECTION RATE

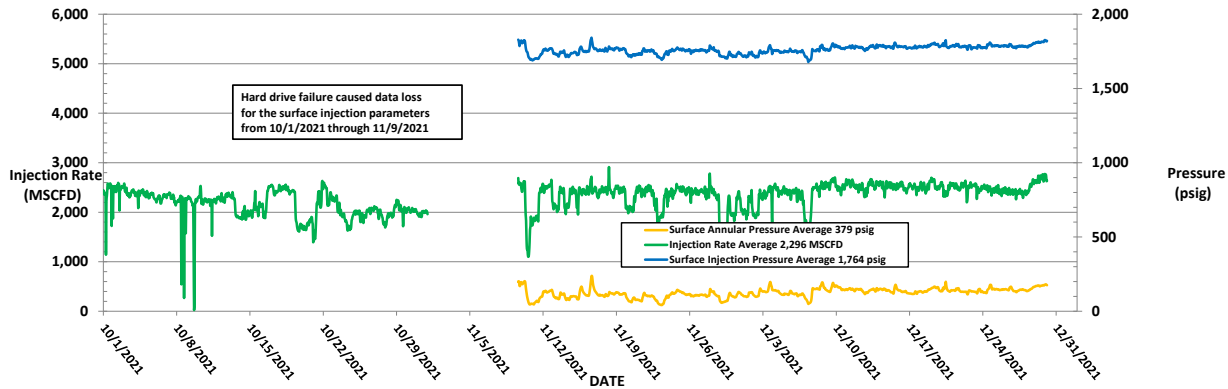


FIGURE 3: MONUMENT AGI D #2 SURFACE INJECTION PRESSURE, ANNULAR PRESSURE AND INJECTION TEMPERATURE

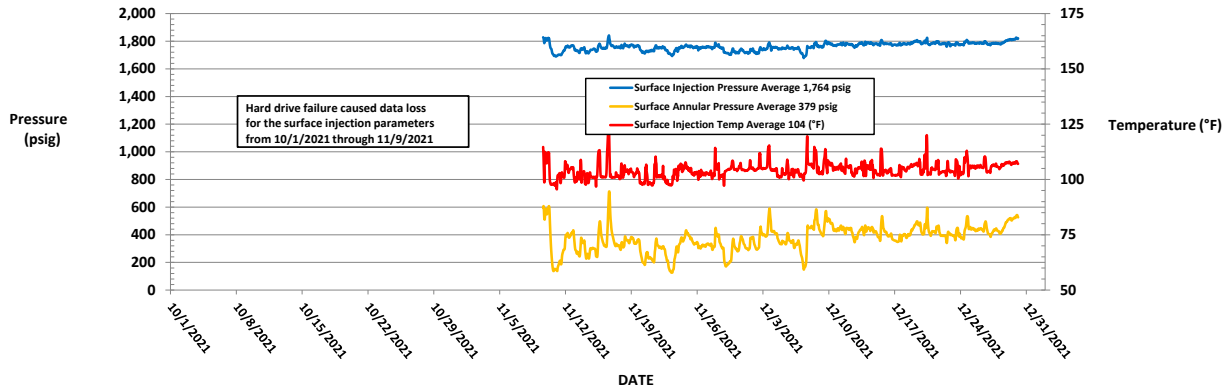


FIGURE 4: MONUMENT AGI D #2 SURFACE INJECTION PRESSURE AND BOTTOM HOLE PRESSURE

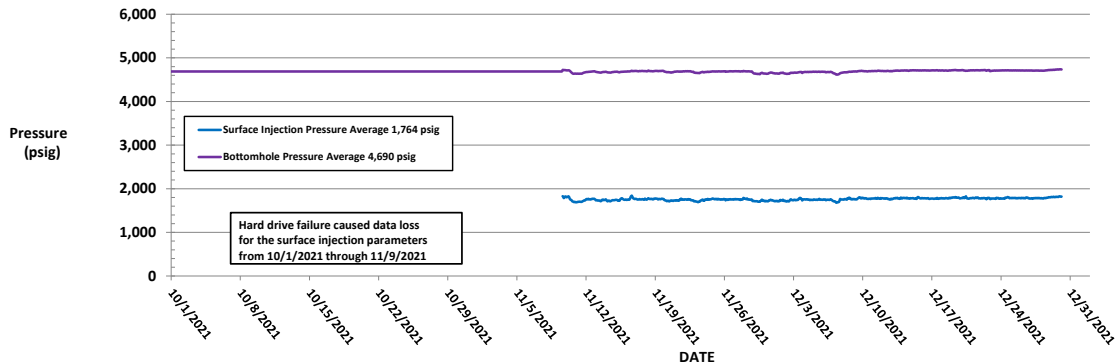


FIGURE 5: MONUMENT AGI D #2 BOTTOM HOLE PRESSURE AND TEMPERATURE

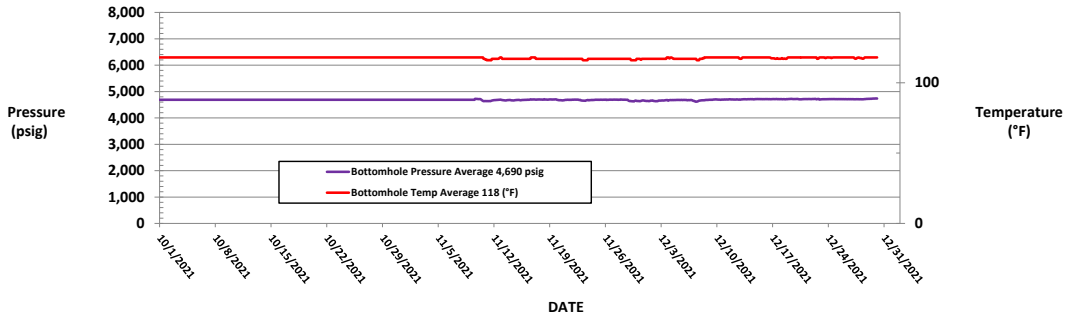


FIGURE 6: MONUMENT AGI D #2 DIFFERENTIAL PRESSURE

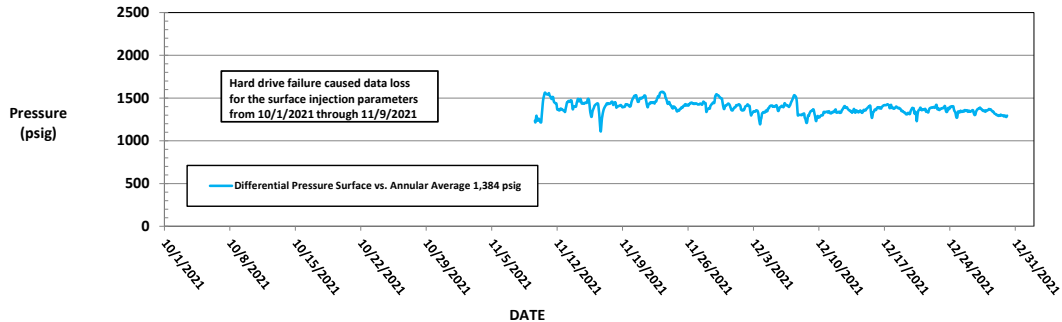
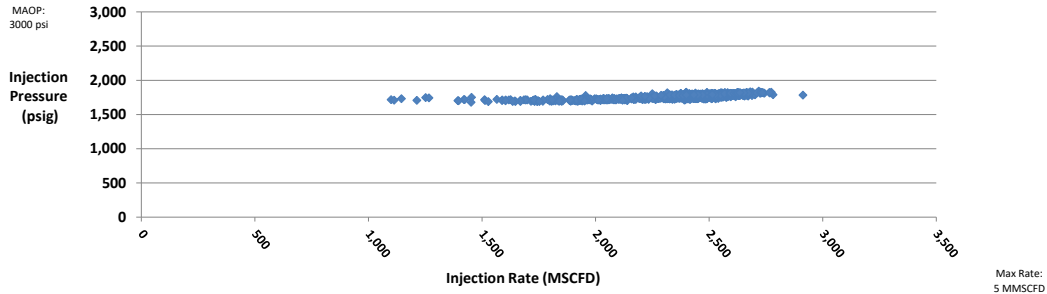


Figure 7 :Monument AGI D#2, Injection Pressure v. Rate



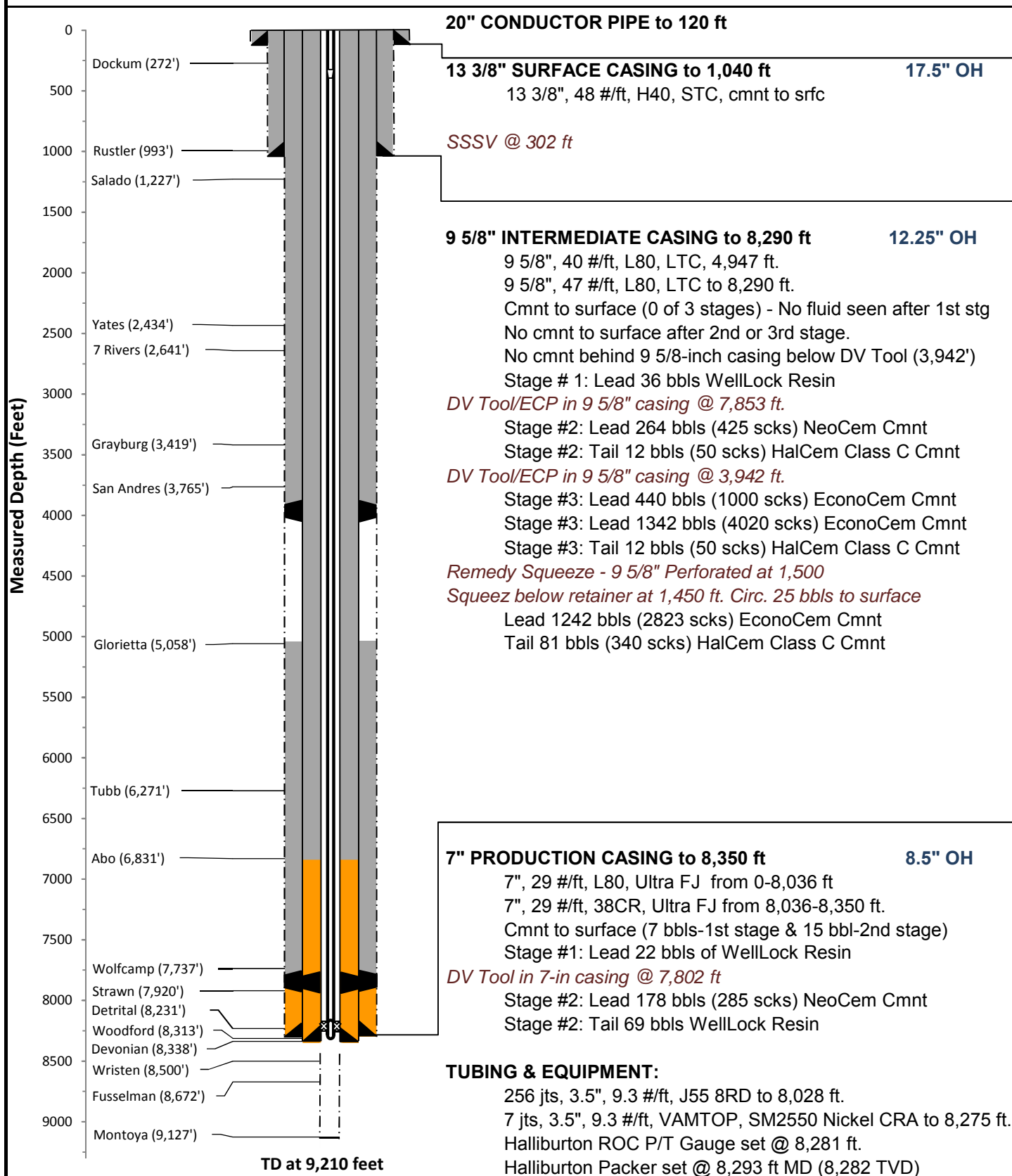
WELL AND TUBING SCHEMATIC

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)

Final Installation							
Installation	Length	Depth	Description			OD	ID
1	25.00	1.99	KB CORRECTION				
2	0.50	26.99	TUBING HANGER				
3	0.62	27.49	3.5" 9.3# J55 8RD DOUBLE PIN ADAPTER			3.500	2.992
1	28.75	28.11	1 JOINTS 3.5" 9.3# J55 8RD TUBING			3.500	2.670
2	16.10	56.86	3.5" 9.3# J55 8RD TUBING SUBS(10.05 - 6.05)				
3	220.93	72.96	7 JOINTS 3.5" 9.3# J55 8RD TUBING			3.500	2.670
4	6.04	293.89	3.5" 9.3# J55 8RD TUBING SUB			3.550	2.670
5	2.30	299.93	X OVER 3.5" 9.3# 8RD BOX X 3.5# 12.7# VAMTOP PIN			4.000	2.750
6	4.08	302.23	HALLIBURTON TUBING RETRIEVABLE SAFETY VALVE			5.610	2.562
7			NICKLE ALLOY 925 15,000# PRESSURE RATING 750 PSI CLOSING				
8			781HRE25224 101757100 SN 0003747503-1 3.5" 12.7# VAMTOP B X P				
9			2300 PSI OPENING 2.562 'X' PROFILE IN TOP OF VALVE.				
10	2.16	306.31	X-OVER 3.5" 12.7# VAMTOP BOX X 3.5" 9.3# 8RD PIN			4.070	2.750
11	5.97	308.47	3.5" 9.3# J55 8RD TUBING SUB			3.550	2.670
12	7713.30	314.44	248 JOINTS 3.5" 9.3# J55 8RD TUBING			3.500	2.670
13	2.38	8,027.74	X-OVER 3.5" 9.3# 8RD BOX X 3.5" 9.2# VAMTOP PIN			3.970	2.980
14	244.58	8,030.12	7 JOINTS 3.5" 9.2# VAMTOP SM2550 NICKELTUBING			3.500	2.992
15	5.75	8,274.70	3.5" 9.2# VAMTOP BOX X PIN SUB			3.530	2.992
16	4.08	8,280.45	HALLIBURTON ROC GAUGE MANDREL 3.5" VAMTOP BXP			4.670	2.950
17			102329817 SN-464192				
18			ROC GAUGE ROC16K175C 101863926 WD#9381-6034				
19			ADDRESS 126 SN-ROC004483				
20	0.96	8,284.53	X-OVER SUB 3.5" 9.2# VAMTOP BOX X 2.875" 6.5# VAMTOP PIN			3.930	2.441
21	6.09	8,285.49	X-OVER SUB 2.875" 6.5# VAMTOP BOX X PIN			2.900	2.441
22	1.11	8,291.58	2.313" 'X' NIPPLE 2.875" 6.4# VAMTOP BOX X PIN			3.240	2.313
23			HALLIBURTON SEAL ASSEMBLY				
24	1.73	8,292.69	STRAIGHT SLOT LOCATOR 2.875" VAMTOP BOX X 2.875 NU 10			3.950	2.431
25			INCOLOY 925 (212S3270-D)(102582273)(SN-0003781099-1)				
26	1.00	8,294.42	SEAL UNIT 212MSF32500-D 102666617 SN 0003779766-5			3.200	2.380
27			2.875" NU 10 RD INCOLOY 925				
28	6.06	8,295.42	3 EXTENSIONS 2.875 NU 10 RD 2.06' EACHNICKEL ALLOY 925			3.200	2.347
29			(212X32500-D) (120056337)(SN-0003777400-1)				
30	4.00	8,301.48	4 -SEAL UNITS 3.250" X 2.875" NU 10RD NICKEL ALLOY 925			3.200	2.380
31			1 EA- (212MSF32500-D)(102666617)(SN 0003779766-3				
32			3-EA (212MSA3200-D)(102666512)(SN 0003779766-1				
33			0003779766-4 0003779766-2				
34			(FLOUREL SEALS SAP# 100014586 AFLAS SEALS SAP# 100006529)				
35	0.52	8,305.48	MULE SHOE GUIDE 2.875" NU 10RD NICKEL ALLOY 925			3.200	2.380
36			(812G32500-D) (10143327)(SN-0003777382-1)				
37			LAND HANGER WITH 26,000# COMPRESSION				
38			PUTS 20,000# COMPRESSION ON PACKER				
39			PICK UP WEIGHT IS 68,000# SLACK OFF IS 64,000#				
40			HALLIBURTON PACKER ASSEMBLY				
41	3.99	8,292.69	HALLIBURTON 7" 23-38# BWD PERMANENT PACKER WITH			5.690	3.250
42			3.250" BORE, 4" 8UN BOX THREAD, INCOLOY 925				
43			(212BWD7007-D)(101302623)				
44			WAS RUN ON W/L AND TOP @ 8292.69' ELEMENTS @ 8294'				
45	9.47	8,296.68	SEAL BORE EXTENSION INCOLOY 925 4" 8UN PXP			4.750	3.250
46			(PN212N11584)(101468460)(SN-0003744131-1)				
47	0.56	8,306.15	X-OVER 4" 8UN BOX X 2.875" 6.5# 8RD INCOLOY 925			5.000	2.430
48			(212N9343)(101159929-A)(SN-0003777396-1)				
49	8.10	8,306.71	PUP JOINT 2.875" 6.5# EU 8RD INCOLOY 925			2.880	2.380
50	1.21	8,314.81	HALLIBURTON 2.188" 'R' LANDING NIPPLE INCOLOY 925			3.670	2.188
51			(811R21807-D) (102362504) (SN- 0003777399-2) NICKEL ALLOY 925				
52	8.09	8,316.02	PUP JOINT 2.875" 7.9# EU 8RD INCOLOY 925			2.880	2.290
53	1.31	8,324.11	HALLIBURTON 2.125" 'R' LANDING NIPPLE			3.940	2.125
54			(811R21286) (102667285) (SN- 0003781497-1) NICKEL ALLOY 925				
55	4.10	8,325.42	PUP JOINT 2.875" 6.5# EU 8RD INCOLOY 925			2.880	2.380
56	0.58	8,329.52	WIRELINE RE-ENTRY GUIDE 2." 9.3# VAM INCOLOY 925			3.950	2.441
57		8,330.10	BOTTOM OF ASSEMBLY				
			EOC @ 8348'				
			TD @ 9210'				
			DIESEL USED FOR PACKER FLUID				
			Filename:				

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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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1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 109893

CONDITIONS

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 109893
	Action Type: [C-103] Sub. General Sundry (C-103Z)

CONDITIONS

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