

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 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

<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 type="checkbox"/> OTHER: Quarterly Injection Data Reports <input checked="" type="checkbox"/>
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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. **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, 2021 Pursuant to NMOCC Administrative Order 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 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 Q1 and Q2) 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: 1727 psig, Average Annular Pressure: 314 psig, Average Pressure Differential: 1252 psig, Average Tag Temperature: 103 °F, Average TAG injection rate: 2303 MSCFD.

**Downhole Measurements:** Average bottom-hole pressure 4,667 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. Only daily vs hourly volume values are available for the period after end of July due to a sensor failure. 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 increased approximately 30% for the quarter. This well has had its annual required MIT successfully completed in January 2021 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 10/10/2021

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**

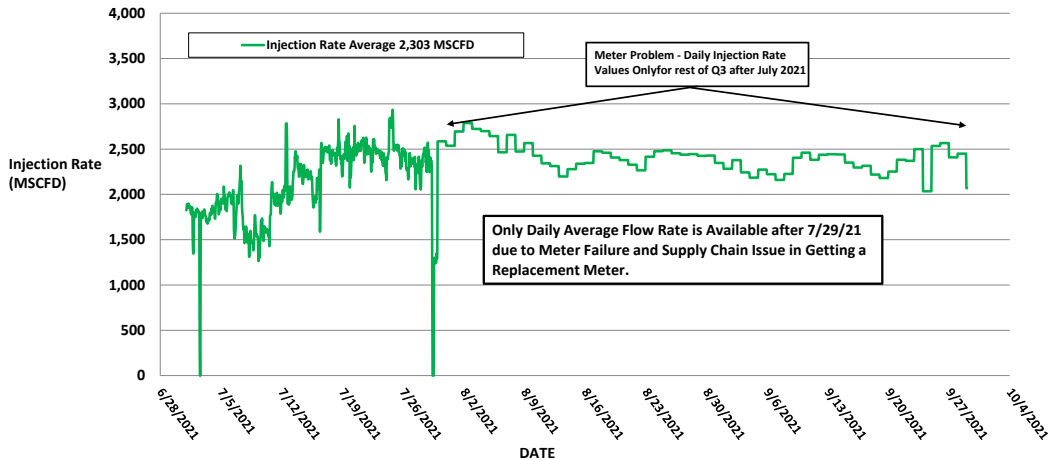
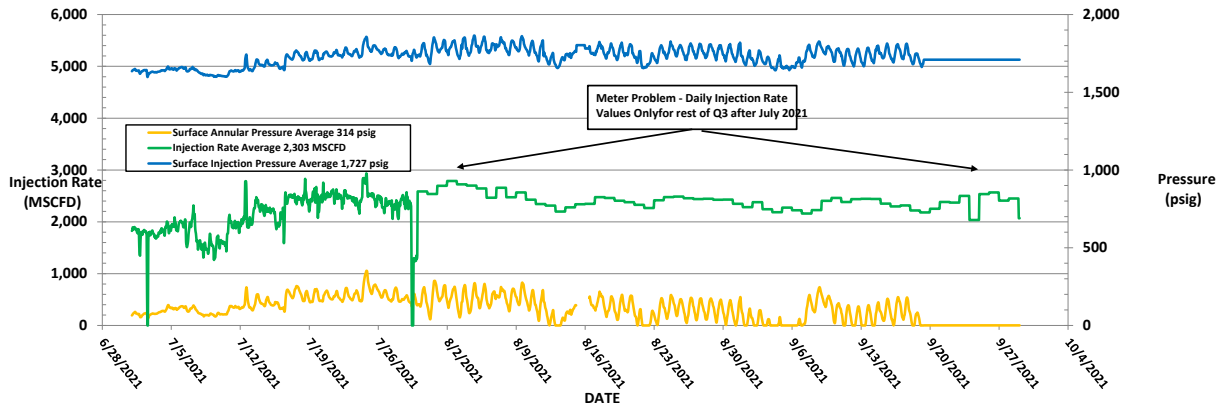
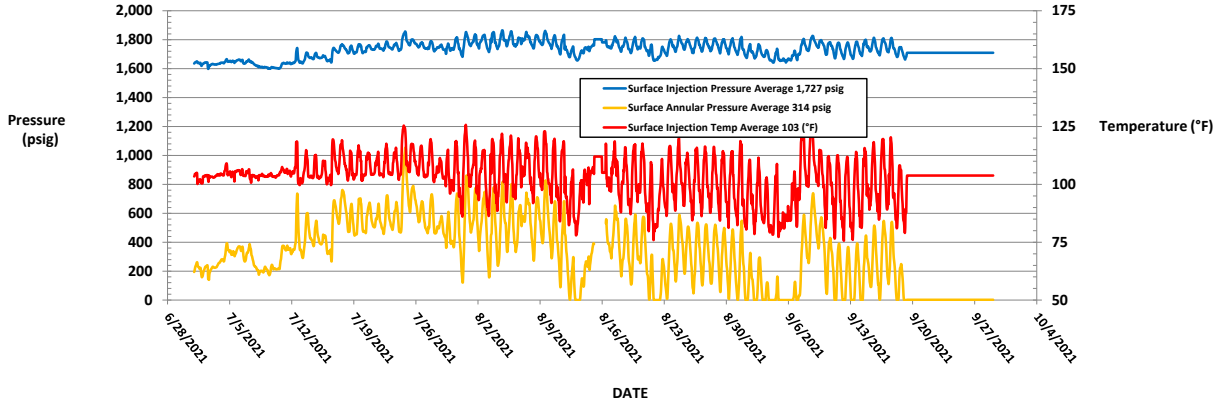


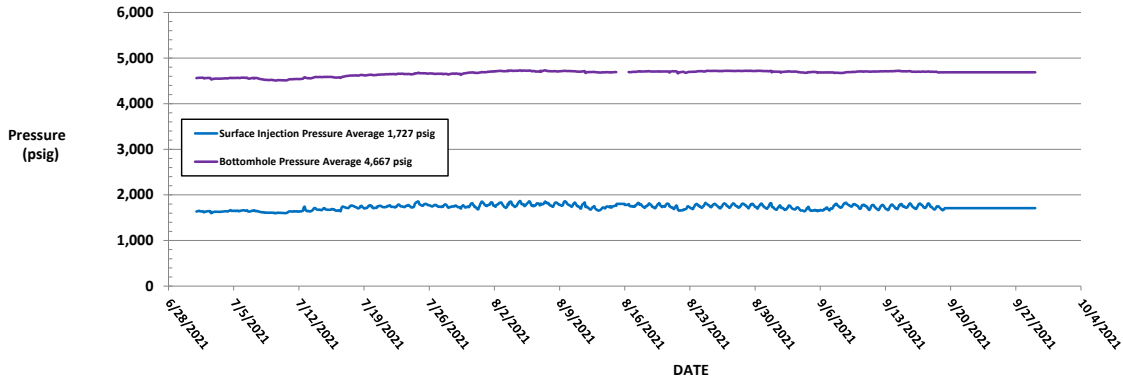
FIGURE 2: MONUMENT AGI D #2 SURFACE INJECTION PRESSURE, ANNULAR PRESSURE AND INJECTION RATE



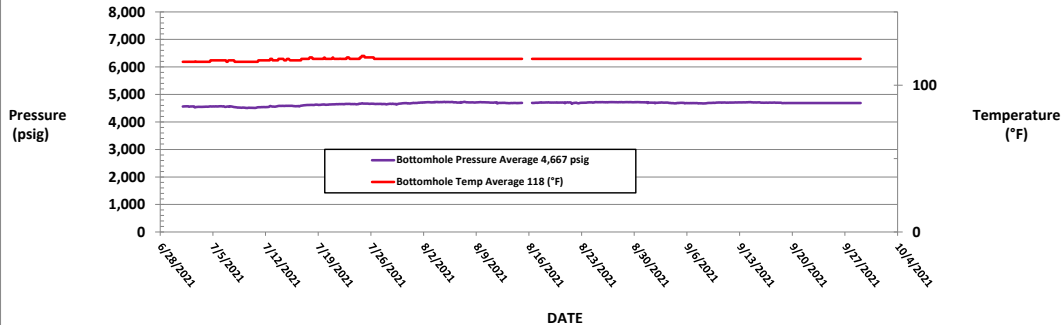
**FIGURE 3: MONUMENT AGI D #2 SURFACE INJECTION PRESSURE, ANNULAR PRESSURE AND INJECTION TEMPERATURE**



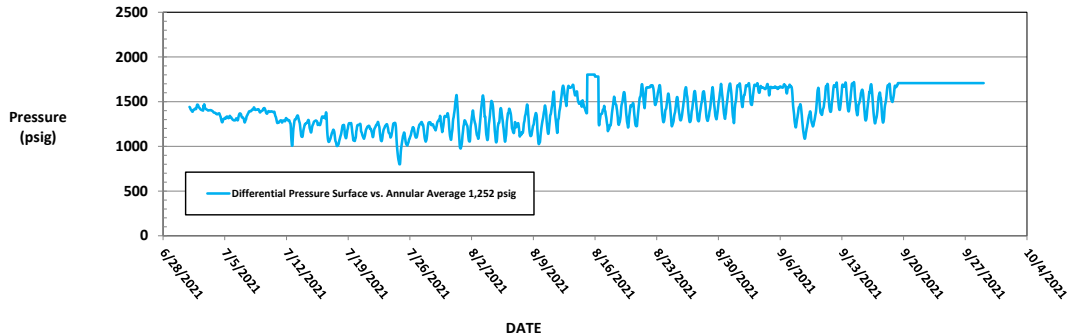
**FIGURE 4: MONUMENT AGI D #2 SURFACE INJECTION PRESSURE AND BOTTOM HOLE PRESSURE**



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



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



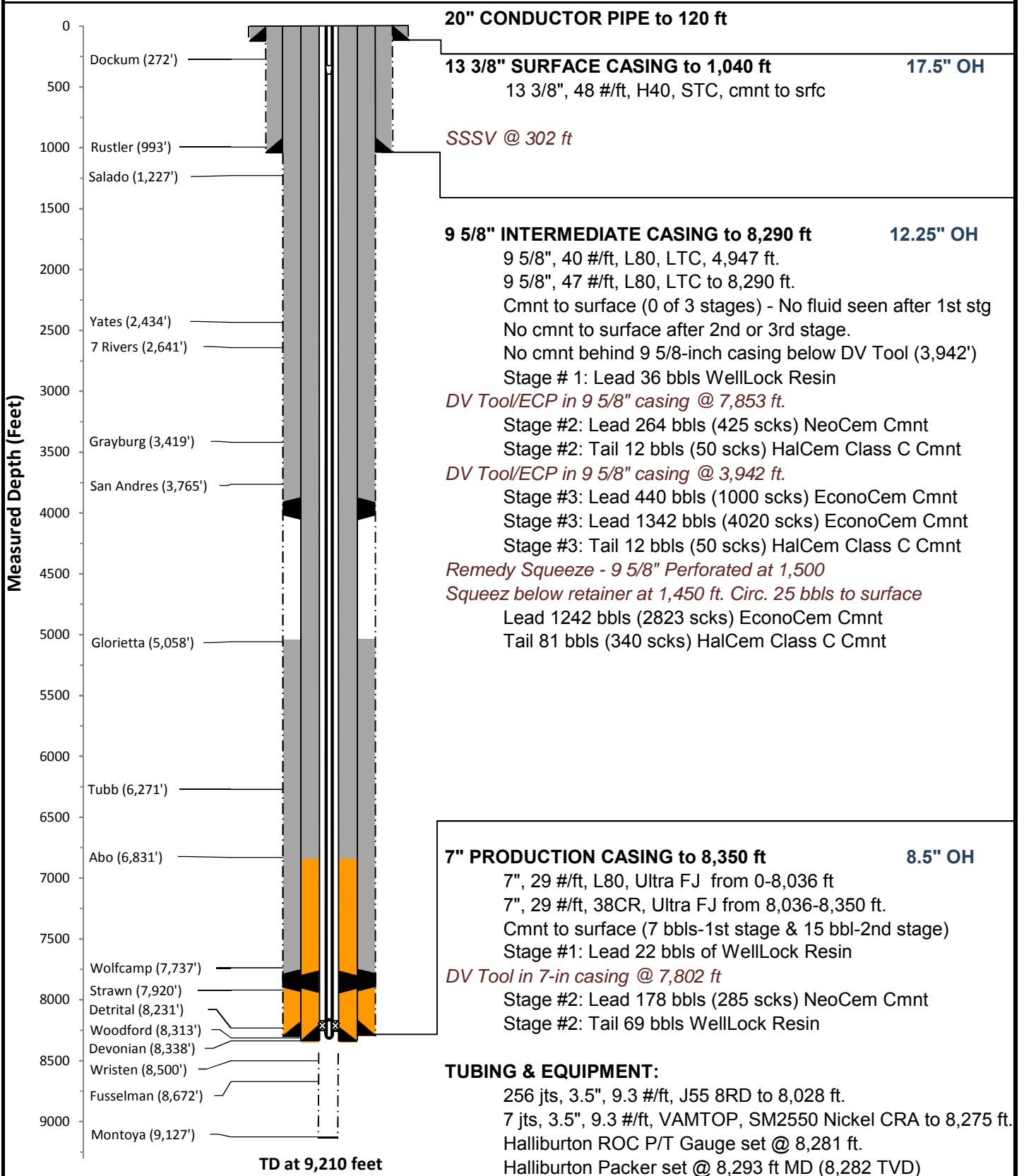
**WELL AND TUBING SCHEMATIC**  
**Monument AGI D #2 API# 30-025-43470**



## 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			
58			EOC @ 8348'			
59			TD @ 9210'			
60			DIESEL USED FOR PACKER FLUID			

Filename: