

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.)		WELL API NO. 30-025-43470
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other: Acid Gas Injection Well <input checked="" type="checkbox"/>		5. Indicate Type of Lease BLM STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator Targa Midstream Services, LLC		6. State Oil & Gas Lease No. NA
3. Address of Operator 1000 Louisiana, Houston, TX 77002		7. Lease Name or Unit Agreement Name Monument AGI D
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>		8. Well Number #2
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,384 (GR)		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 October 1 through December 31, 2020 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, temperature and annular pressure (i.e. injection parameters) for the Monument AGI D #2 for Q4 2020. Based on data for surface injection/annular pressure, the well continues to show excellent integrity throughout all of Q4. For the fourth quarter of 2020, 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. The following average values represent the operational condition of the well:

Surface Measurements: Average TAG Injection Pressure: 1,748 psig, Average Annular Pressure: 419 psig, Average Pressure Differential: 1,368 psig, Average Tag Temperature: 105 °F, Average TAG injection rate: 2,063 MSCFD.

Downhole Measurements: Average bottom-hole pressure 4,680 psig, Average bottom-hole Temperature: 117° F.

The data gathered throughout the fourth quarter of 2020 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. Plant upsets and drops in injection rate caused decreases in injection rates resulting in typical and corresponding changes in the other injection parameters. These plant shut-downs and their corresponding effect is reflected on the graphs especially in the first week of November and second week of December. 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 1/11/2021

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

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APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any): _____

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

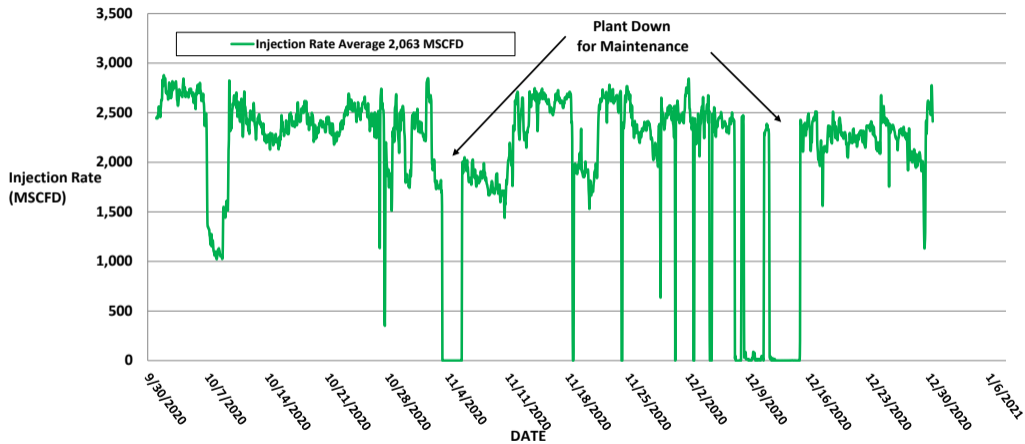


FIGURE 2: MONUMENT AGI D #2 SURFACE INJECTION PRESSURE, ANNULAR PRESSURE AND INJECTION RATE

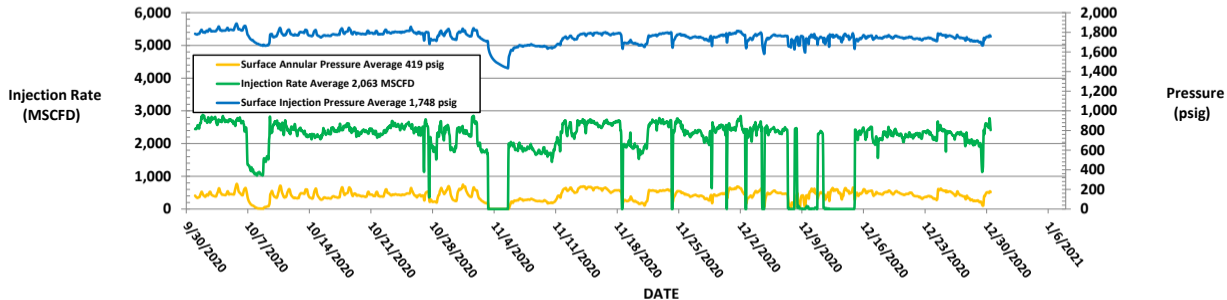


FIGURE 3: MONUMENT AGI D #2 SURFACE INJECTION PRESSURE, ANNULAR PRESSURE AND INJECTION TEMPERATURE

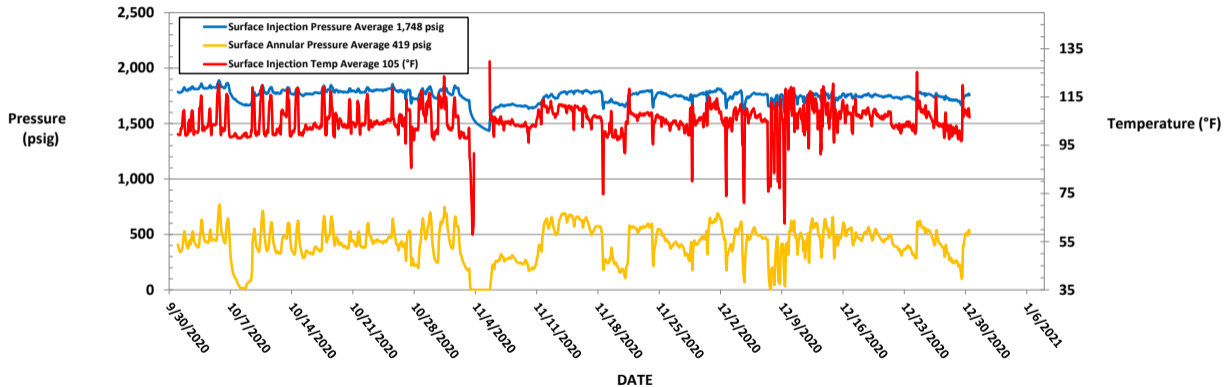


FIGURE 4: MONUMENT AGI D #2 SURFACE INJECTION PRESSURE AND BOTTOM HOLE PRESSURE

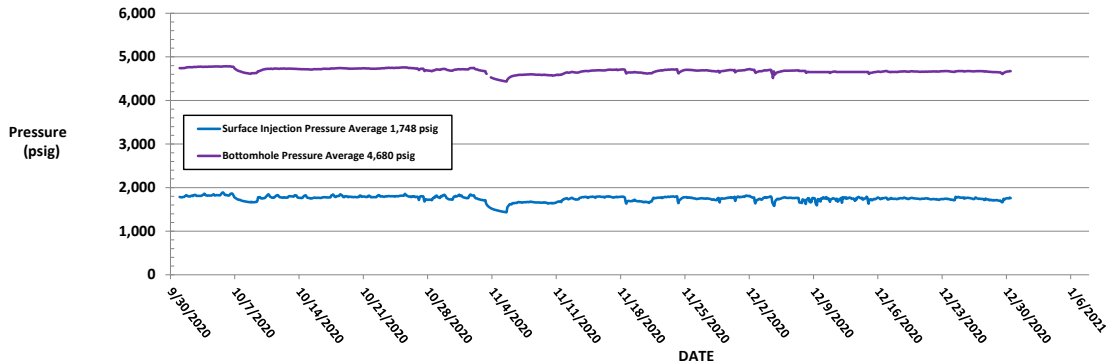


FIGURE 5: MONUMENT AGI D #2 BOTTOM HOLE PRESSURE AND TEMPERATURE

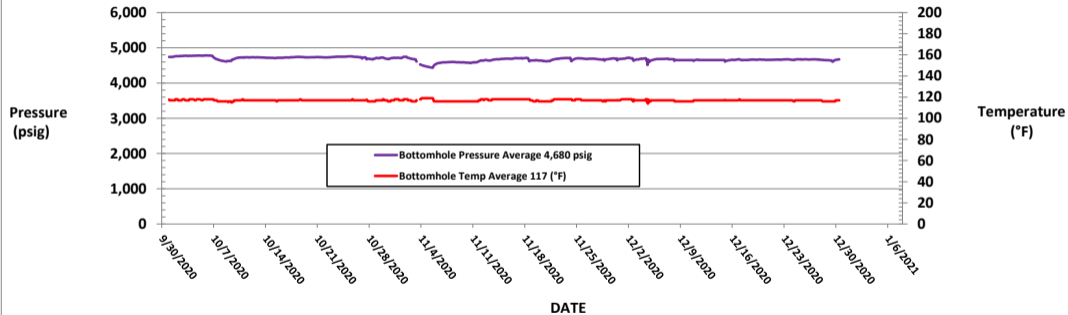
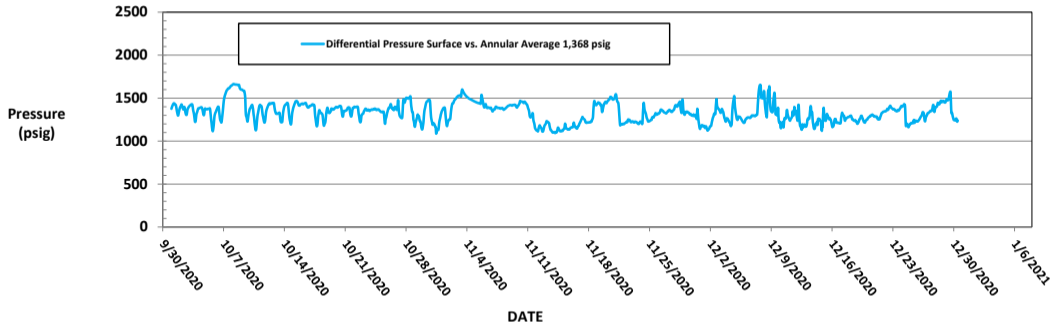


FIGURE 6: MONUMENT AGI D #2 DIFFERENTIAL PRESSURE



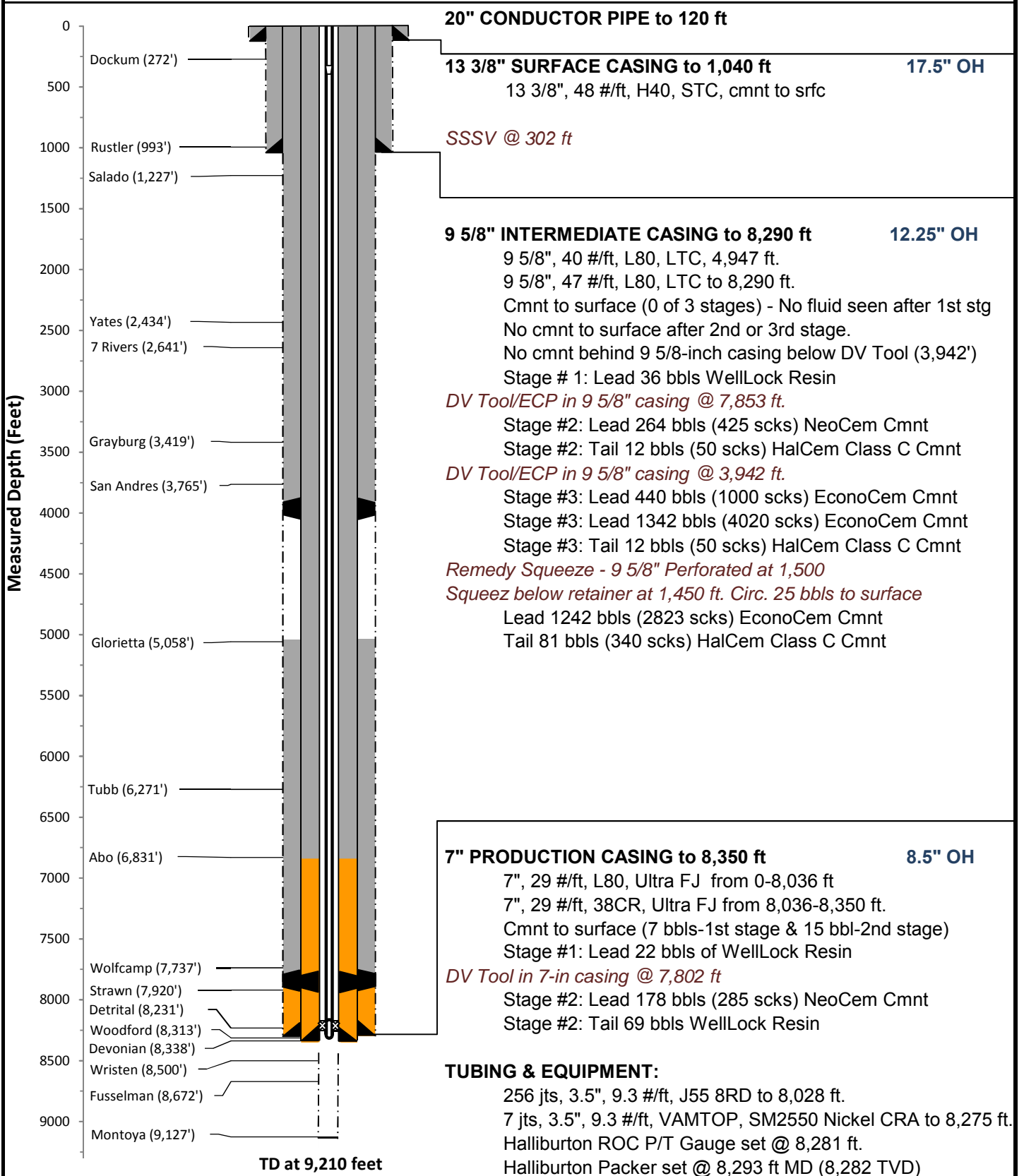
WELL AND TUBING SCHEMATIC

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
4	28.75	28.11	1 JOINTS 3.5" 9.3# J55 8RD TUBING			3.500	2.670
5	16.10	56.86	3.5" 9.3# J55 8RD TUBING SUBS(10.05 - 6.05)				
6	220.93	72.96	7 JOINTS 3.5" 9.3# J55 8RD TUBING			3.500	2.670
7	6.04	293.89	3.5" 9.3# J55 8RD TUBING SUB			3.550	2.670
8	2.30	299.93	X OVER 3.5" 9.3# 8RD BOX X 3.5# 12.7# VAMTOP PIN			4.000	2.750
9	4.08	302.23	HALLIBURTON TUBING RETRIEVABLE SAFETY VALVE			5.610	2.562
10			NICKLE ALLOY 925 15,000# PRESSURE RATING 750 PSI CLOSING				
11			781HRE25224 101757100 SN 0003747503-1 3.5" 12.7# VAMTOP B X P				
12			2300 PSI OPENING 2.562 'X' PROFILE IN TOP OF VALVE.				
13	2.16	306.31	X-OVER 3.5" 12.7# VAMTOP BOX X 3.5" 9.3# 8RD PIN			4.070	2.750
14	5.97	308.47	3.5" 9.3# J55 8RD TUBING SUB			3.550	2.670
15	7713.30	314.44	248 JOINTS 3.5" 9.3# J55 8RD TUBING			3.500	2.670
16	2.38	8,027.74	X-OVER 3.5" 9.3# 8RD BOX X 3.5" 9.2# VAMTOP PIN			3.970	2.980
17	244.58	8,030.12	7 JOINTS 3.5" 9.2# VAMTOP SM2550 NICKELTUBING			3.500	2.992
18	5.75	8,274.70	3.5" 9.2# VAMTOP BOX X PIN SUB			3.530	2.992
19	4.08	8,280.45	HALLIBURTON ROC GAUGE MANDREL 3.5" VAMTOP BXP			4.670	2.950
20			102329817 SN-464192				
21			ROC GAUGE ROC16K175C 101863926 WD#9381-6034				
22			ADDRESS 126 SN-ROC004483				
23	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
24	6.09	8,285.49	X-OVER SUB 2.875" 6.5# VAMTOP BOX X PIN			2.900	2.441
25	1.11	8,291.58	2.313" 'X' NIPPLE 2.875" 6.4# VAMTOP BOX X PIN			3.240	2.313
26			HALLIBURTON SEAL ASSEMBLY				
27	1.73	8,292.69	STRAIGHT SLOT LOCATOR 2.875" VAMTOP BOX X 2.875 NU 10			3.950	2.431
28			INCOLOY 925 (212S3270-D)(102582273)(SN-0003781099-1)				
29	1.00	8,294.42	SEAL UNIT 212MSF32500-D 102666617 SN 0003779766-5			3.200	2.380
30			2.875" NU 10 RD INCOLOY 925				
31	6.06	8,295.42	3 EXTENSIONS 2.875 NU 10 RD 2.06' EACHNICKEL ALLOY 925			3.200	2.347
32			(212X32500-D) (120056337)(SN-0003777400-1)				
33	4.00	8,301.48	4 -SEAL UNITS 3.250" X 2.875" NU 10RD NICKEL ALLOY 925			3.200	2.380
34			1 EA- (212MSF32500-D)(102666617)(SN 0003779766-3				
35			3-EA (212MSA3200-D)(102666512)(SN 0003779766-1				
36			0003779766-4 0003779766-2				
37			(FLOUREL SEALS SAP# 100014586 AFLAS SEALS SAP# 100006529)				
38	0.52	8,305.48	MULE SHOE GUIDE 2.875" NU 10RD NICKEL ALLOY 925			3.200	2.380
39			(812G32500-D) (10143327)(SN-0003777382-1)				
40			LAND HANGER WITH 26,000# COMPRESSION				
41			PUTS 20,000# COMPRESSION ON PACKER				
42			PICK UP WEIGHT IS 68,000# SLACK OFF IS 64,000#				
43			HALLIBURTON PACKER ASSEMBLY				
44	3.99	8,292.69	HALLIBURTON 7" 23-38# BWD PERMANENT PACKER WITH			5.690	3.250
45			3.250" BORE, 4" 8UN BOX THREAD, INCOLOY 925				
46			(212BWD7007-D)(101302623)				
47			WAS RUN ON W/L AND TOP @ 8292.69' ELEMENTS @ 8294'				
48	9.47	8,296.68	SEAL BORE EXTENSION INCOLOY 925 4" 8UN PXP			4.750	3.250
49			(PN212N11584)(101468460)(SN-0003744131-1)				
50	0.56	8,306.15	X-OVER 4" 8UN BOX X 2.875" 6.5# 8RD INCOLOY 925			5.000	2.430
51			(212N9343)(101159929-A)(SN-0003777396-1)				
52	8.10	8,306.71	PUP JOINT 2.875" 6.5# EU 8RD INCOLOY 925			2.880	2.380
53	1.21	8,314.81	HALLIBURTON 2.188" 'R' LANDING NIPPLE INCOLOY 925			3.670	2.188
54			(811R21807-D) (102362504) (SN- 0003777399-2) NICKEL ALLOY 925				
55	8.09	8,316.02	PUP JOINT 2.875" 7.9# EU 8RD INCOLOY 925			2.880	2.290
56	1.31	8,324.11	HALLIBURTON 2.125" 'R' LANDING NIPPLE			3.940	2.125
57			(811R21286) (102667285) (SN- 0003781497-1) NICKEL ALLOY 925				
58	4.10	8,325.42	PUP JOINT 2.875" 6.5# EU 8RD INCOLOY 925			2.880	2.380
59	0.58	8,329.52	WIRELINE RE-ENTRY GUIDE 2." 9.3# VAM INCOLOY 925			3.950	2.441
60		8,330.10	BOTTOM OF ASSEMBLY				
			EOC @ 8348'				
			TD @ 9210'				
			DIESEL USED FOR PACKER FLUID				
			Filename:				