

HOBBS OCD**OCT 18 2018****RECEIVED**State of New Mexico
Energy, Minerals and Natural ResourcesOIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505Form C-103
Revised July 18, 2013

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:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
 DOWNHOLE COMMINGLE ☐
 CLOSED-LOOP SYSTEM ☐
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☐
 CASING/CEMENT JOB ☐
 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. **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, 2018 Pursuant to NMOCC Administrative Order SWD-1654.**

This report includes the data and analysis of surface injection pressure, TAG temperature, casing annular pressures well as downhole injection pressure, temperature and annular pressure (i.e. injection parameters) for the Monument AGI D #2 for Q3 2018. Based on data for surface injection/annular pressure, the well continues to show excellent integrity. For the third quarter of 2018, the values for injection parameters are generally stable 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: 1,998 psig, Average Annular Pressure: 286 psig, Average Pressure Differential: 1,701 psig, Average Tag Temperature: 119 °F, Average TAG injection rate: 2306 MSCFD.

Downhole Measurements: Average bottom-hole pressure 4,929 psig, Average bottom-hole TAG Temperature: 117° F.

The data gathered throughout the third quarter of normal operations in 2018 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. A few plant upsets and injection rate drops during this quarter caused decreases in injection rates resulting in typical and corresponding changes in the other injection parameters. 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 10/11/2018

Type or print name: Alberto A Gutiérrez, RGE-mail address: aag@geolex.comPHONE: 505-842-8000**For State Use Only**APPROVED BY: Accepted for Record OnlyDATE 10/18/2018Conditions of Approval (if any): MS Brown

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

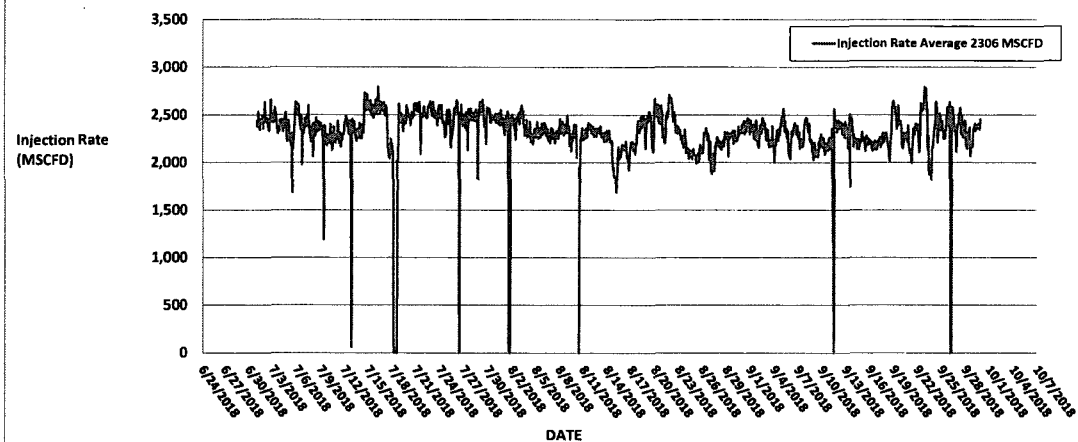


FIGURE 2: MONUMENT AGI D #2 SURFACE INJECTION PRESSURE, ANNULAR PRESSURE AND INJECTION RATE

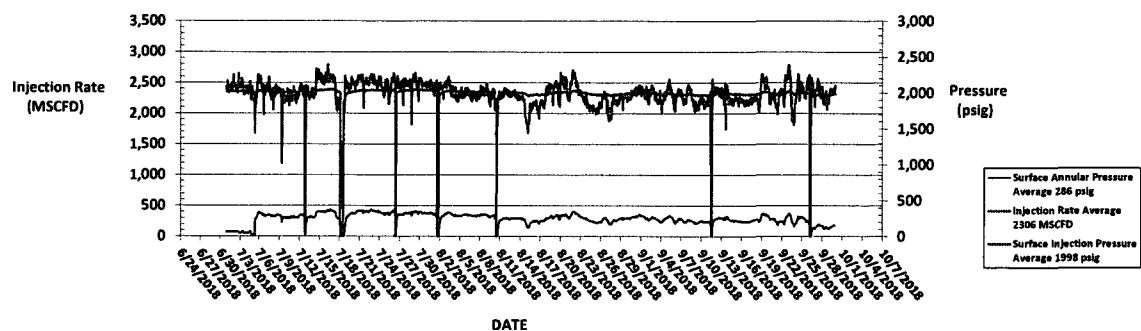
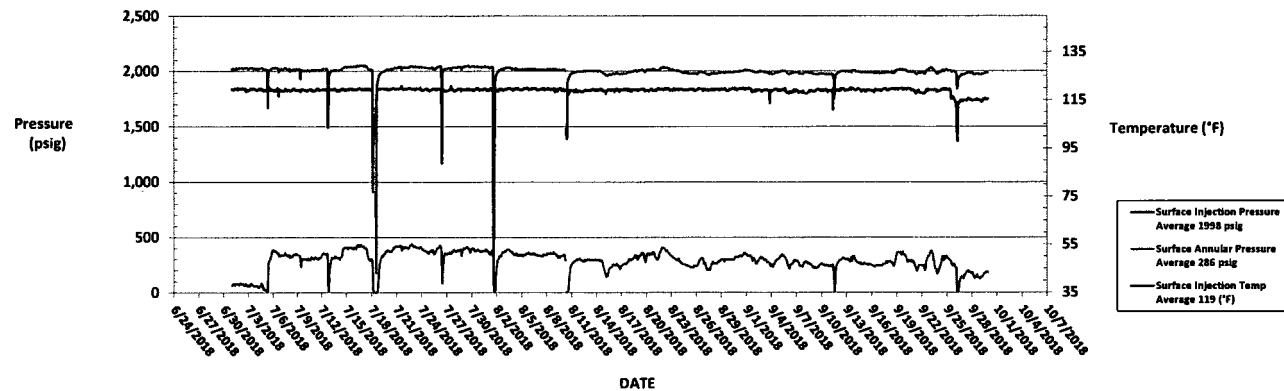
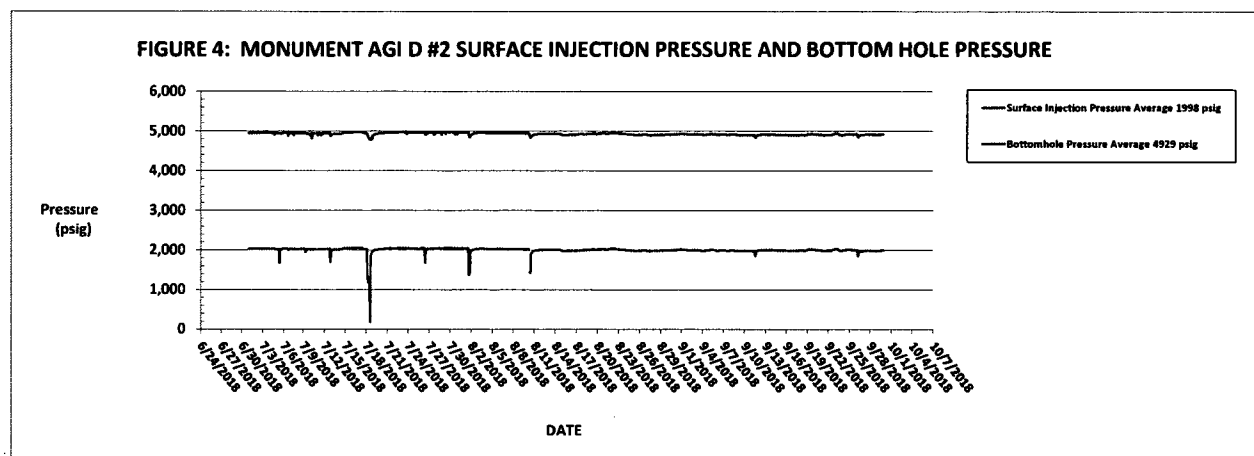
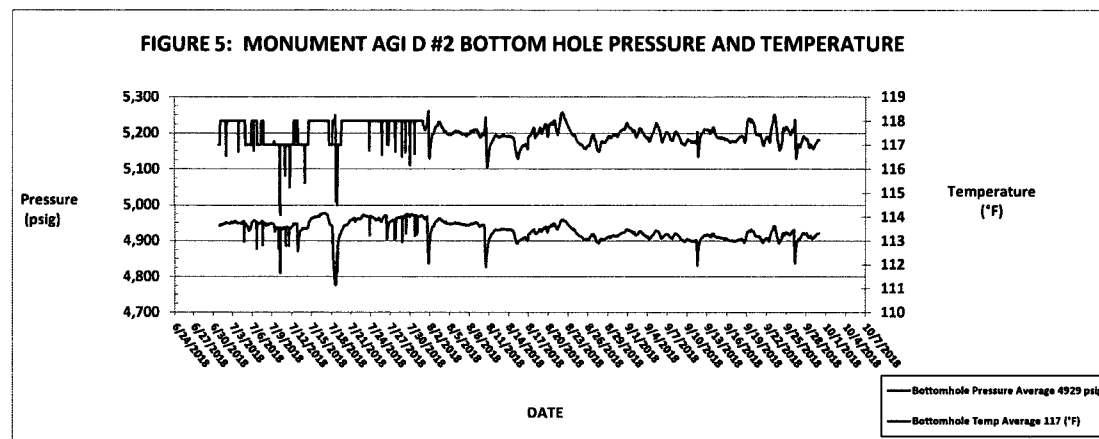
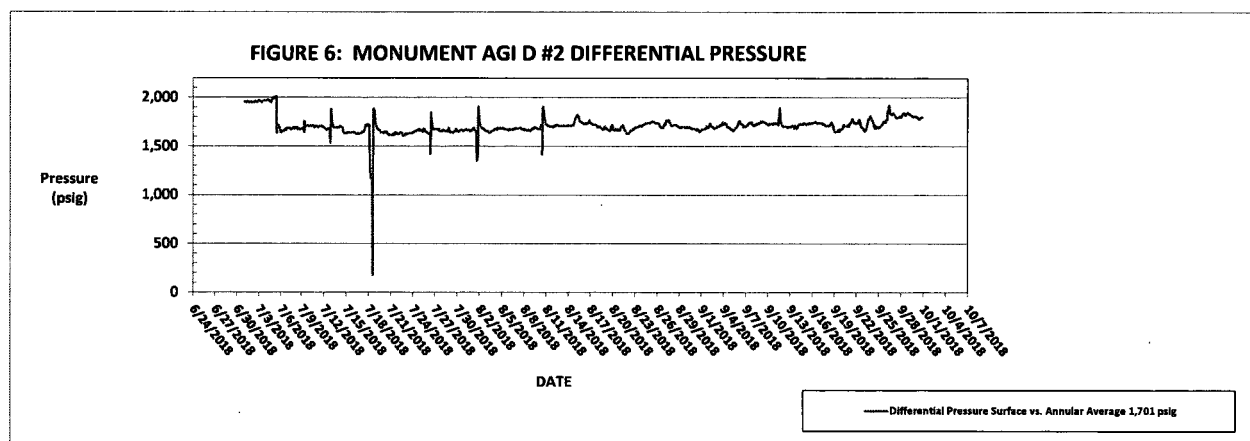


FIGURE 3: MONUMENT AGI D #2 SURFACE INJECTION PRESSURE, ANNULAR PRESSURE AND INJECTION TEMPERATURE









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

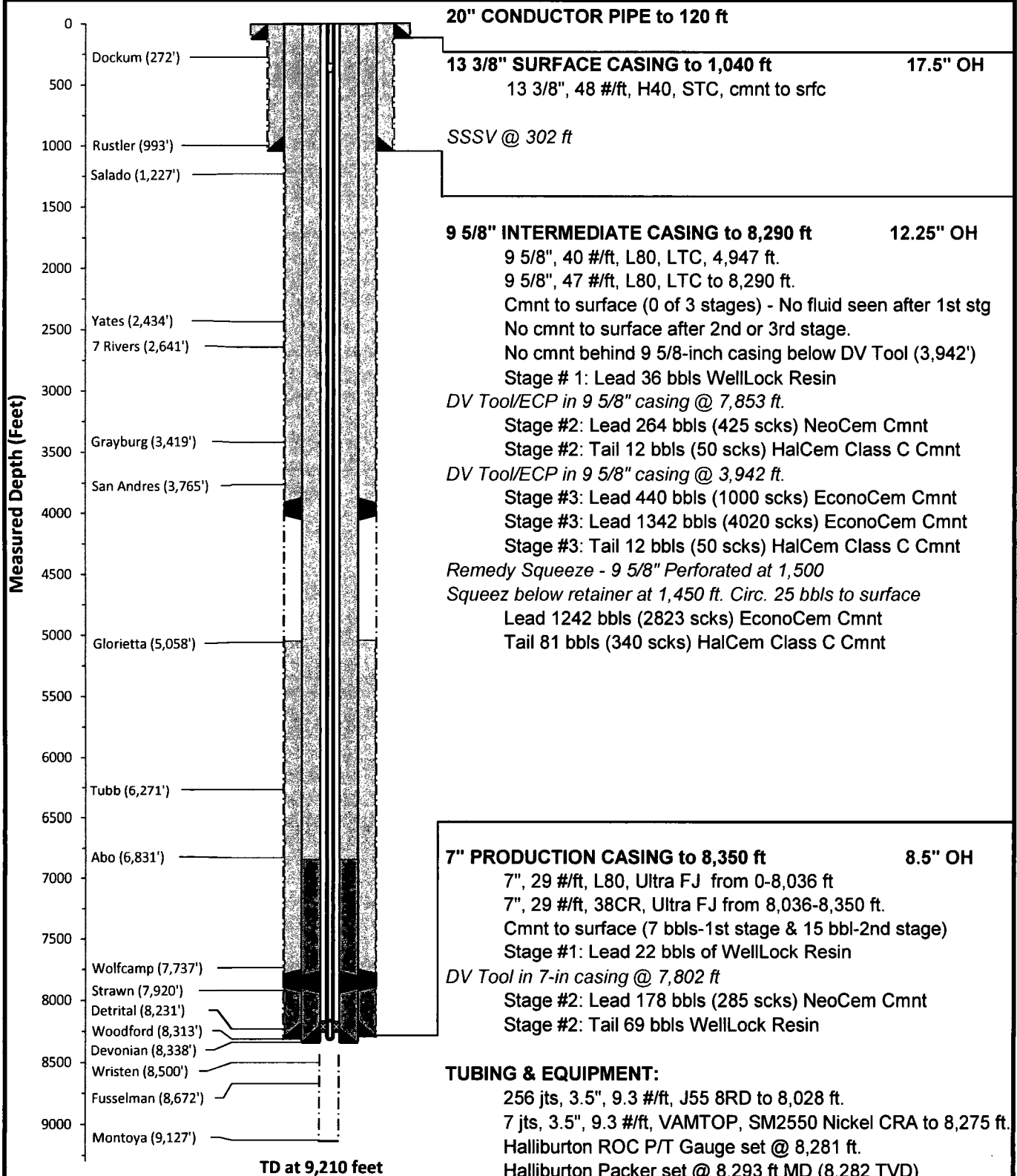
County, St.: Lea County, New Mexico

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
(Fromation Depths are MD)**

TD Location: Sec. 36, T19S-R36E (734' FSL & 2131' FEL)



TARGA

MONUMENT AGI D2
LEA COUNTY, NEW MEXICO
3/21/17

Company Rep.
Tool Specialist

GORDON WHITE
SCOTT WALTON
Office ODESSA
SAP No. 903856682

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
2	28.75	28.11	1 JOINTS 3.5" 9.3# J55 8RD TUBING	3.500	2.670
3	16.10	56.86	3.5" 9.3# J55 8RD TUBING SUBS(10.05 - 6.05)		
4	220.93	72.96	7 JOINTS 3.5" 9.3# J55 8RD TUBING	3.500	2.670
4	5	6.04	3.5" 9.3# J55 8RD TUBING SUB	3.550	2.670
6	2.30	299.93	X OVER 3.5" 9.3# 8RD BOX X 3.5# 12.7# VAMTOP PIN	4.000	2.750
7	4.08	302.23	HALLIBURTON TUBING RETRIEVABLE SAFETY VALVE	5.610	2.562
			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	2.16	306.31	X-OVER 3.5" 12.7# VAMTOP BOX X 3.5" 9.3# 8RD PIN	4.070	2.750
9	5.97	308.47	3.5" 9.3# J55 8RD TUBING SUB	3.550	2.670
10	7713.30	314.44	248 JOINTS 3.5" 9.3# J55 8RD TUBING	3.500	2.670
8	2.38	8,027.74	X-OVER 3.5" 9.3# 8RD BOX X 3.5" 9.2# VAMTOP PIN	3.970	2.980
9	244.58	8,030.12	7 JOINTS 3.5" 9.2# VAMTOP SM2550 NICKELTUBING	3.500	2.992
13	5.75	8,274.70	3.5" 9.2# VAMTOP BOX X PIN SUB	3.530	2.992
10	4.08	8,280.45	HALLIBURTON ROC GAUGE MANDREL 3.5" VAMTOP BXP	4.670	2.950
			102329817 SN-464192		
			ROC GAUGE ROC16K175C 101863926 WD#9381-6034		
			ADDRESS 126 SN-ROC004483		
15	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
16	6.09	8,285.49	X-OVER SUB 2.875" 6.5# VAMTOP BOX X PIN	2.900	2.441
17	1.11	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	1.73	8,292.69	STRAIGHT SLOT LOCATOR 2.875" VAMTOP BOX X 2.875 NU 10	3.950	2.431
			INCOLOY 925 (212S3270-D)(102582273)(SN-0003781099-1)		
a-2	1.00	8,294.42	SEAL UNIT 212MSF32500-D 102666617 SN 0003779766-5	3.200	2.380
			2.875" NU 10 RD INCOLOY 925		
11	a-3	6.06	3 EXTENSIONS 2.875 NU 10 RD 2.06" EACHNICKEL ALLOY 925	3.200	2.347
			(212X32500-D) (120056337)(SN-0003777400-1)		
12	a-4	4.00	4 -SEAL UNITS 3.250" X 2.875" NU 10RD NICKEL ALLOY 925	3.200	2.380
			1 EA- (212MSF32500-D)(102666617)(SN 0003779766-3		
13			3-EA (212MSA3200-D)(102666512)(SN 0003779766-1		
14			0003779766-4 0003779766-2		
15	a-5		(FLOUREL SEALS SAP# 100014586 AFLAS SEALS SAP# 100006529)		
16	0.52	8,305.48	MULE SHOE GUIDE 2.875" NU 10RD NICKEL ALLOY 925	3.200	2.380
17			(812G32500-D) (10143327)(SN-0003777382-1)		
A			LAND HANGER WITH 26,000# COMPRESSION		
			PUTS 20,000# COMPRESSION ON PACKER		
18			PICK UP WEIGHT IS 68,000# SLACK OFF IS 64,000#		
			HALLIBURTON PACKER ASSEMBLY		
18	3.99	8,292.69	HALLIBURTON 7" 23-38# BWD PERMANENT PACKER WITH	5.690	3.250
19			3.250" BORE, 4" 8UN BOX THREAD, INCOLOY 925		
			(212BWD7007-D)(101302623)		
			WAS RUN ON W/L AND TOP @ 8292.69' ELEMENTS @ 8294'		
20	19	9.47	SEAL BORE EXTENSION INCOLOY 925 4" 8UN PXP	4.750	3.250
			(PN212N11584)(101468460)(SN-0003744131-1)		
21	20	0.56	X-OVER 4" 8UN BOX X 2.875" 6.5# 8RD INCOLOY 925	5.000	2.430
			(212N9343)(101159929-A)(SN-0003777396-1)		
22	21	8.10	PUP JOINT 2.875" 6.5# EU 8RD INCOLOY 925	2.880	2.380
22	1.21	8,314.81	HALLIBURTON 2.188" 'R' LANDING NIPPLE INCOLOY 925	3.670	2.188
			(811R21807-D) (102362504) (SN- 0003777399-2) NICKEL ALLOY 925		
23	23	8.09	PUP JOINT 2.875" 7.9# EU 8RD INCOLOY 925	2.880	2.290
24	1.31	8,324.11	HALLIBURTON 2.125" 'R' LANDING NIPPLE	3.940	2.125
			(811R21286) (102667285) (SN- 0003781497-1) NICKEL ALLOY 925		
25	25	4.10	PUP JOINT 2.875" 6.5# EU 8RD INCOLOY 925	2.880	2.380
26	0.58	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: