

Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM
 87505

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. 30-025-49364
1. Type of Well: Oil Well ☐ Gas Well ☐ Other SWD		5. Indicate Type of Lease STATE ☐ FEE ☒
2. Name of Operator NGL Waste Services LLC		6. State Oil & Gas Lease No.
3. Address of Operator 1008 Southview Circle, Center, TX 75935		7. Lease Name or Unit Agreement Name Striker 4 SWD
4. Well Location Unit Letter M : 850 feet from the South line and 174 feet from the West line Section 24 Township 24S Range 34E NMPM County Lea		8. Well Number 1
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3422' GL		9. OGRID Number 329268
		10. Pool name or Wildcat SWD; Delaware

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☐
DOWNHOLE COMMINGLE ☐	P AND A ☐
CLOSED-LOOP SYSTEM ☐	CASING/CEMENT JOB ☐
OTHER: ☐	OTHER: Injection profile ☒

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.

9/22/2024 Run wireline injection profile as per injection pressure increase order #IPI-543. Run wireline spinner flowmeter, temp, pressure, CCL, GR. Unable to get spinner past 5530' (short of top perf). Remove spinner & run temp, pressure, CCL, GR to top of fill @ 6330'. Static and 9 bbl/min flowing passes as per attached log. Estimated injection volume percentages per zone calculated by temperature deflection from static in lieu of spinner.

- 5820', estimated 38% injection volume
- 6040', estimated 34% injection volume
- 6130', estimated 6% injection volume
- 6216', estimated 6% injection volume
- 6288', estimated 16% injection volume

Spud Date:

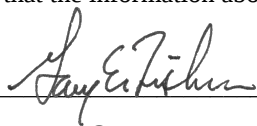
3/13/2022

Rig Release Date:

3/30/2022

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

SIGNATURE



TITLE

Consultant to NGLWS

DATE

9/30/2024

Type or print name

Gary Fisher

E-mail address:

gfisher@popmidstream.com

PHONE:

720-315-8035

For State Use Only

APPROVED BY:

TITLE

DATE

Conditions of Approval (if any):



**PEGUSAS PL LOG
W/ GR/CCL PRESS TEMP FBM**

Company	PERMIAN OILFIELD PARTNERS			Country	U.S.A.
Well	STRIKER 4 SWD NO. 1				
Field	JAL				
County	LEA				
State	NEW MEXICO				
Location:	API # : N/A			Other Services	
	N/A			GAUGE	
Permanent Datum	SEC 24	TWP 24S	RGE 34E	Elevation	N/A
Log Measured From				K.B. N/A	
Drilling Measured From				D.F. N/A	
				G.L. N/A	

Date	22-SEPT-2024
Run Number	ONE
Depth Driller	7200 FT
Depth Logger	6324 FT
Bottom Logged Interval	6323 FT
Top Log Interval	5510 FT
Open Hole Size	12.25 IN
Type Fluid	LEASE WATER
Density / Viscosity	9.1 # / N/A
Max. Recorded Temp.	100° F
Estimated Cement Top	N/A
Time Well Ready	ROA
Time Logger on Bottom	20:45
Equipment Number	BMWU-16
Location	MIDLAND
Recorded By	S. BONIN
Witnessed By	G. FISHER

Borehole Record				Tubing Record			
From Number	Bit	From	To	Size	Weight	From	To
1	17.5 IN	SURF	1413 FT	4.5 IN	11.6 #	SURF	5537 FT
2	12.25 IN	SURF	7220 FT				
Casing Record				Tubing Record			
Space String	Size			Wgt/Ft		Top	Bottom
Production String	13.375 IN			68 #		SURF	1413 FT
Line	9.625 IN			53.5 #		SURF	7220 FT

<<< Fold Here >>>

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

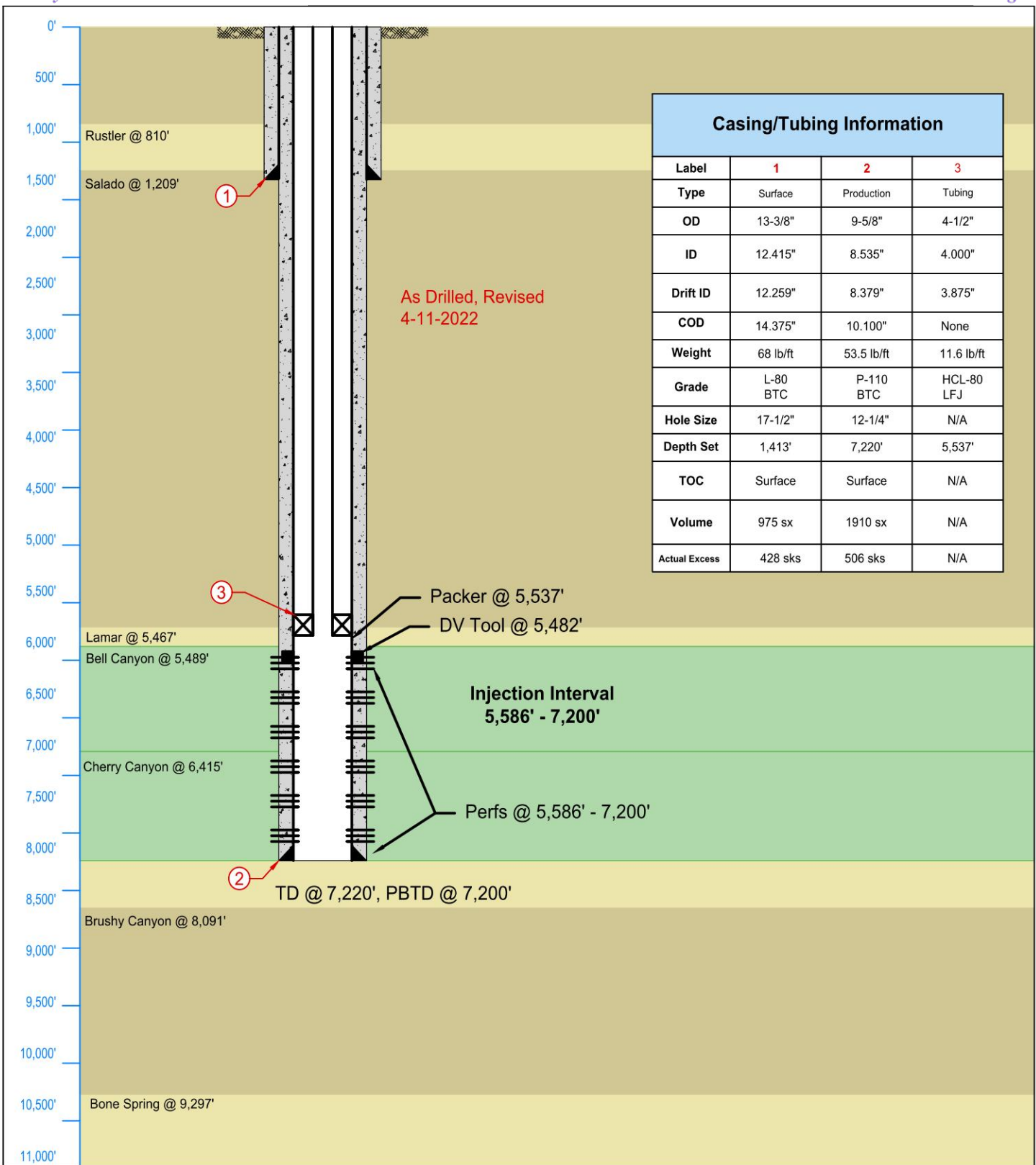
Comments

LOG DEPTHS CORRELATED TO WBD PACKER DEPTH.

INJECTION RATE = 9 BBSL/MIN

CASING PARAMETERS: O.D. 9.625", CSG WT. 53.5#
I.D. 8.535", VOLUME 0.0708 BBL/FT

TEMPERATURE VARIATIONS IN LOG MAY BE DUE TO ORIGIN OF FLUID AND LOCATION TYPE.
STATIC PASS PERFORMED AFTER INJECTION PASSES AS PER CUSTOMER REQUEST.



LONGQUIST & CO. LLC PETROLEUM ENGINEERS ENERGY ADVISORS HOUSTON CALGARY AUSTIN WICHITA DENVER	NGL Water Solutions Permian LLC		Striker 4 - SWD No. 1	
	Country: USA	State/Province: New Mexico		County/Parish: Lea
	Location:	Site:		Survey/STR: 24-24S-34E
	API No:	Field:		Well Type/Status: SWD
	Texas License F-9147	State ID No:		Project No: 1470
12912 Hill Country Blvd. Ste F-200 Austin, Texas 78738 Tel: 512.732.9812 Fax: 512.732.9816	Drawn: JAM	Reviewed: CW		Approved: CW
	Rev No: 2	Notes:		

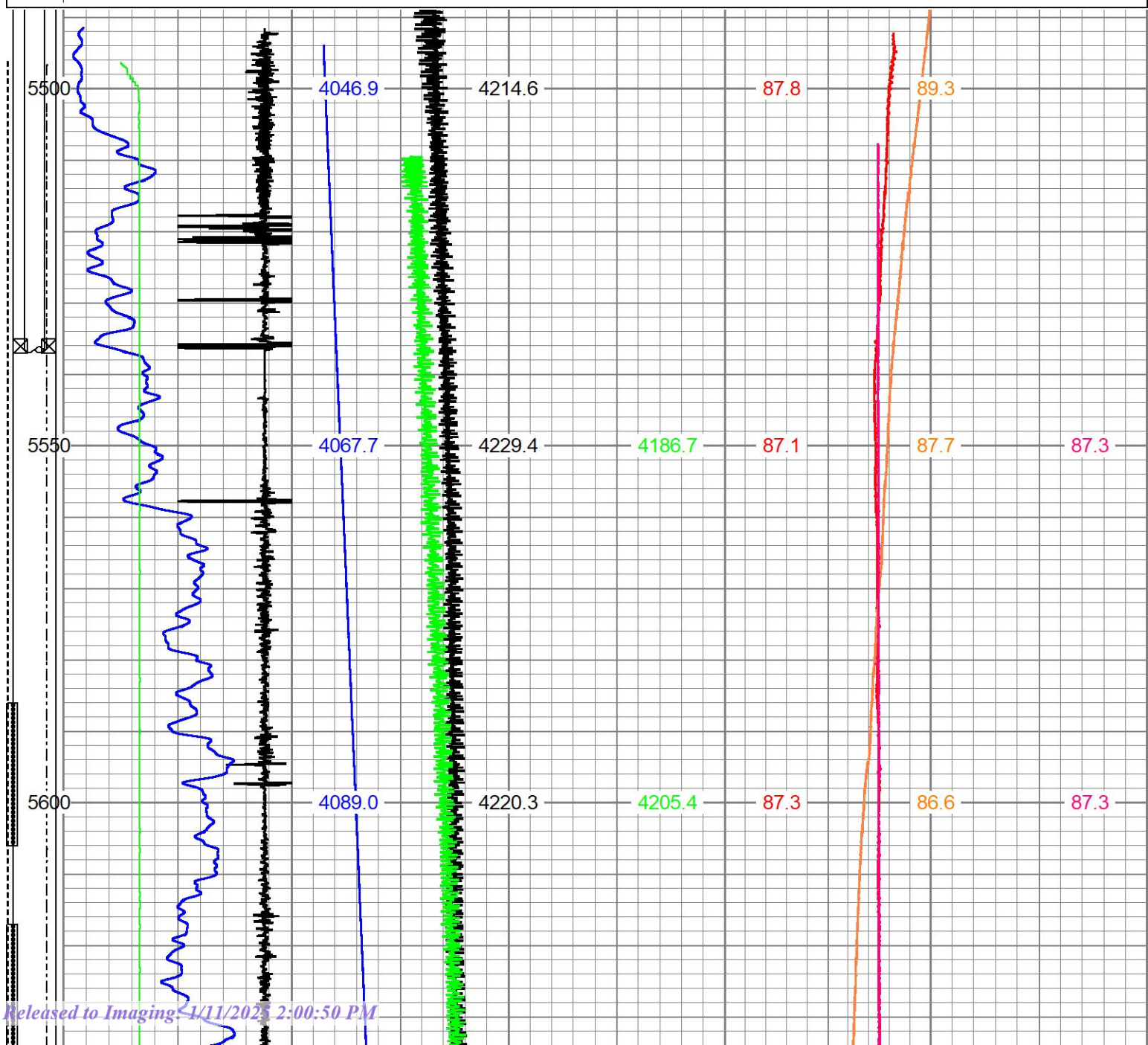


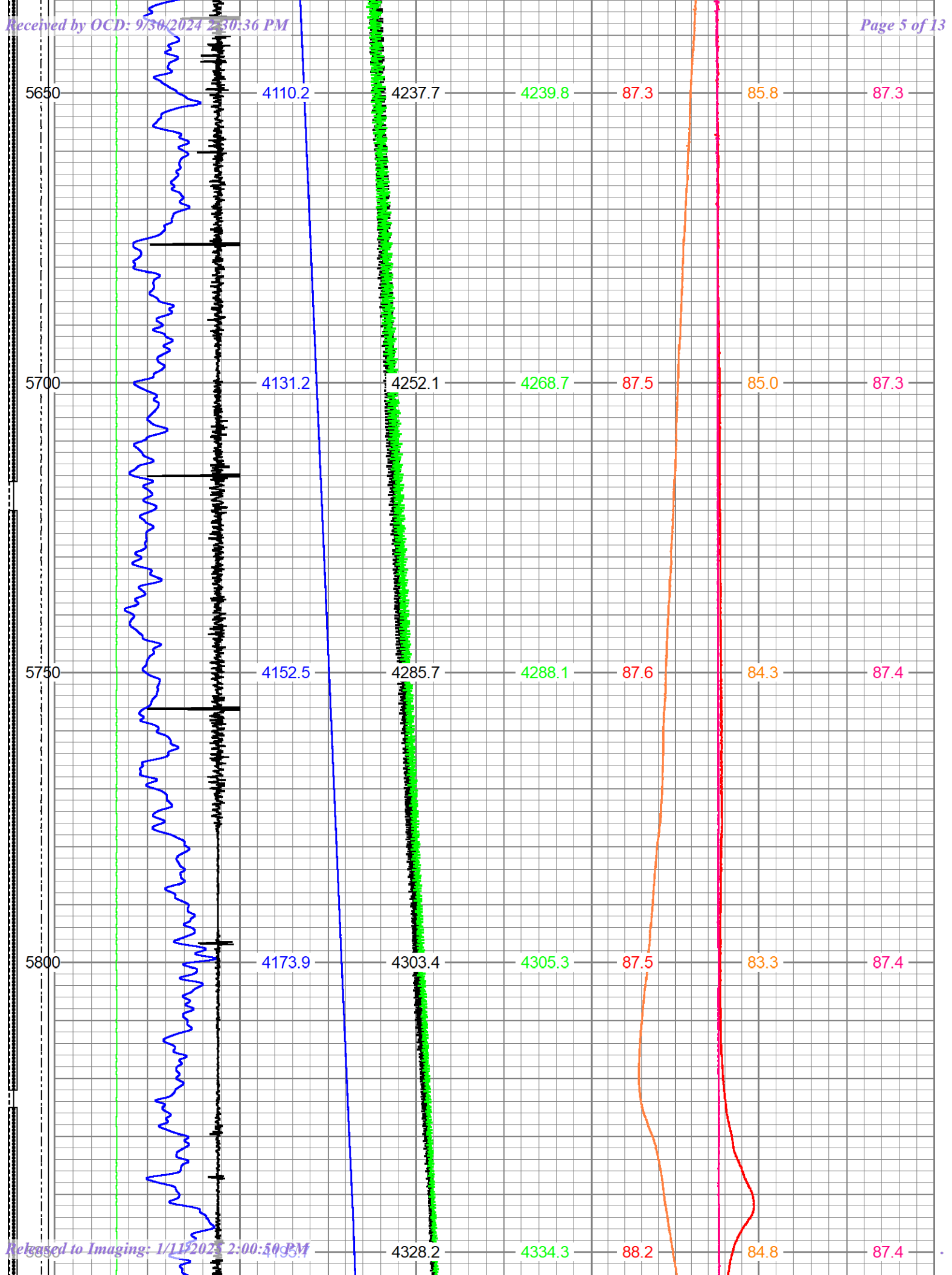
MAIN PASS

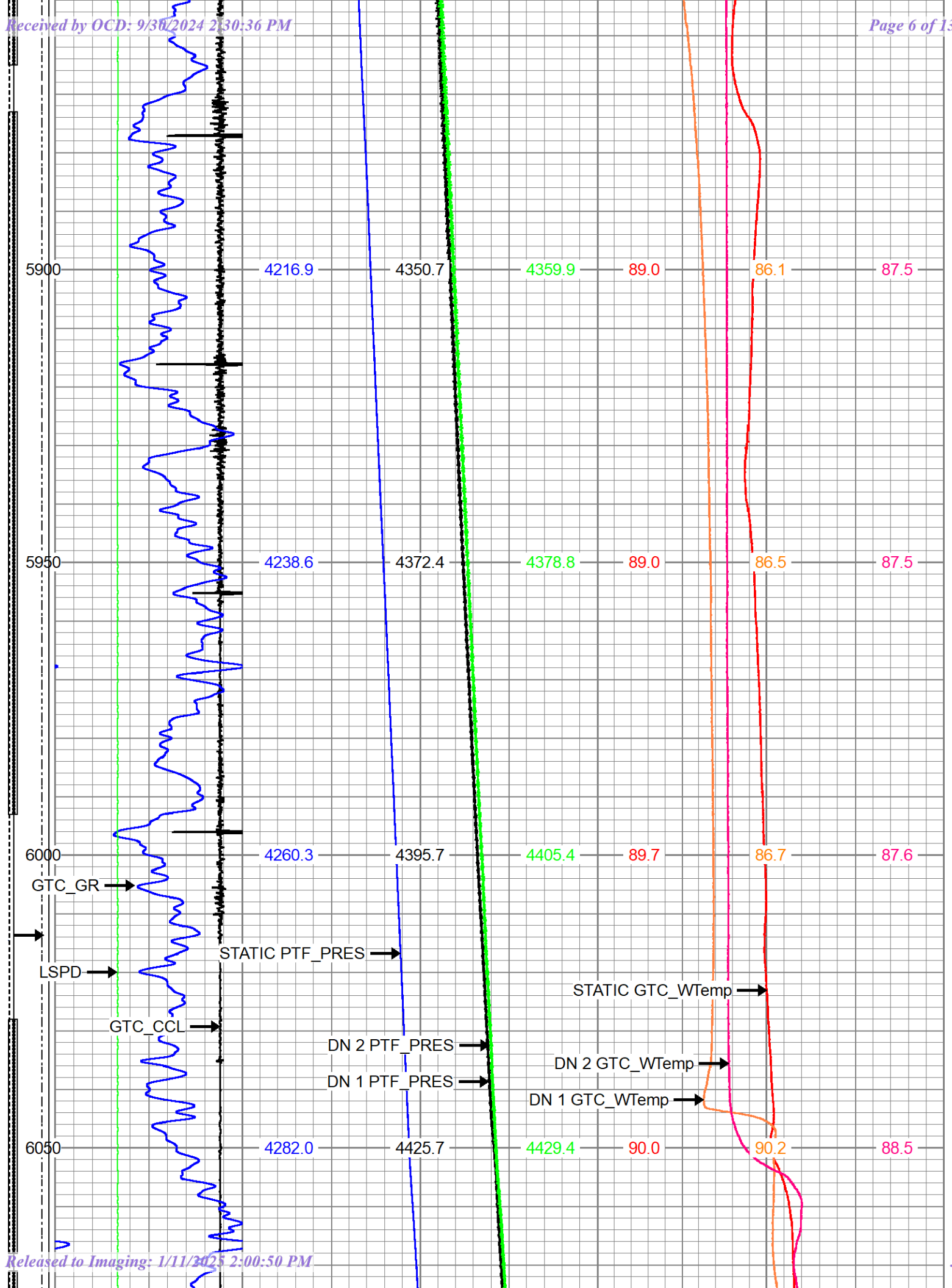
STATIC PASS WITH BOTH DOWN PASSES

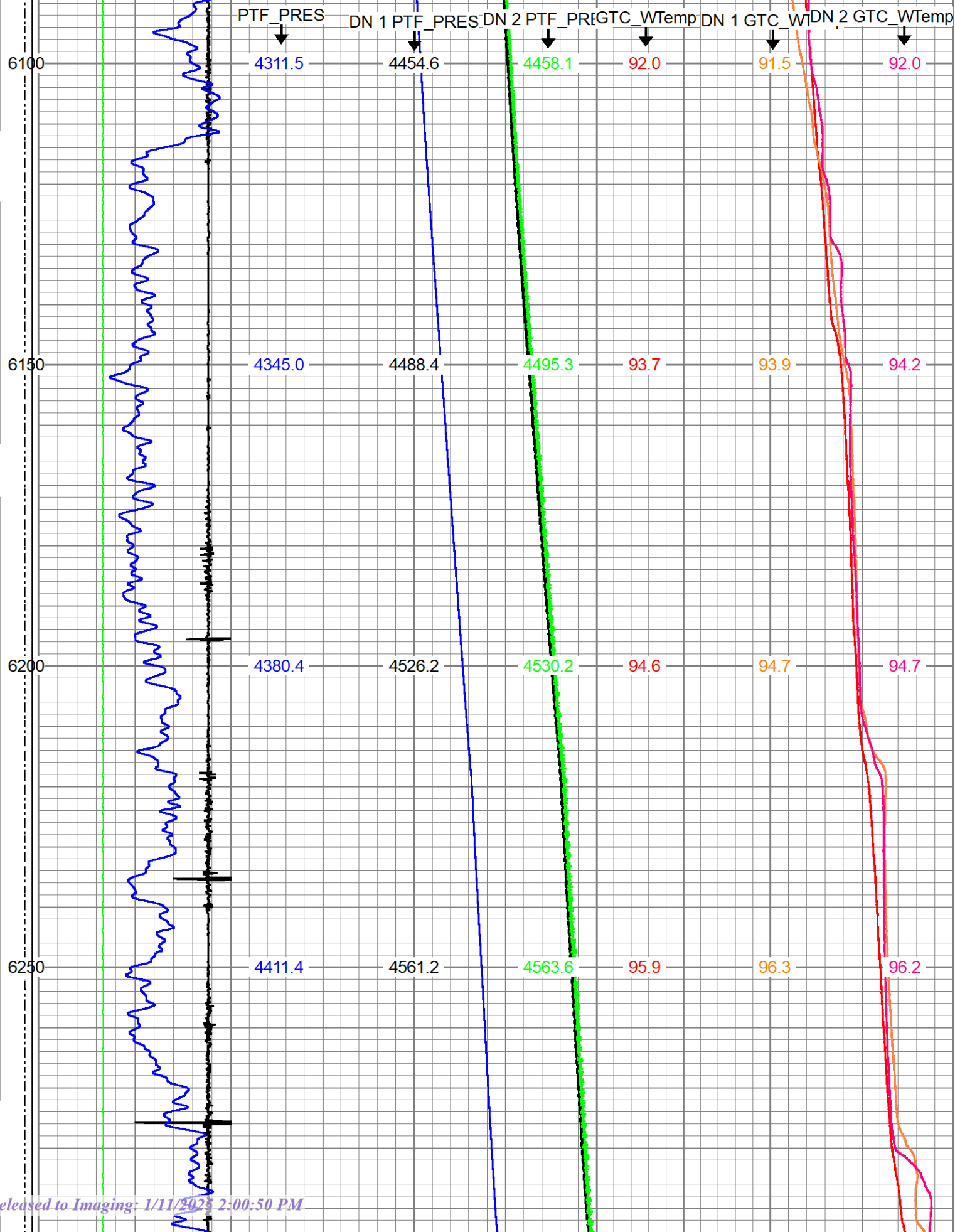
Database File sh-1077.db
 Dataset Pathname MAIN4
 Presentation Format gw_merplt
 Dataset Creation Mon Sep 23 13:58:17 2024
 Charted by Depth in Feet scaled 1:240

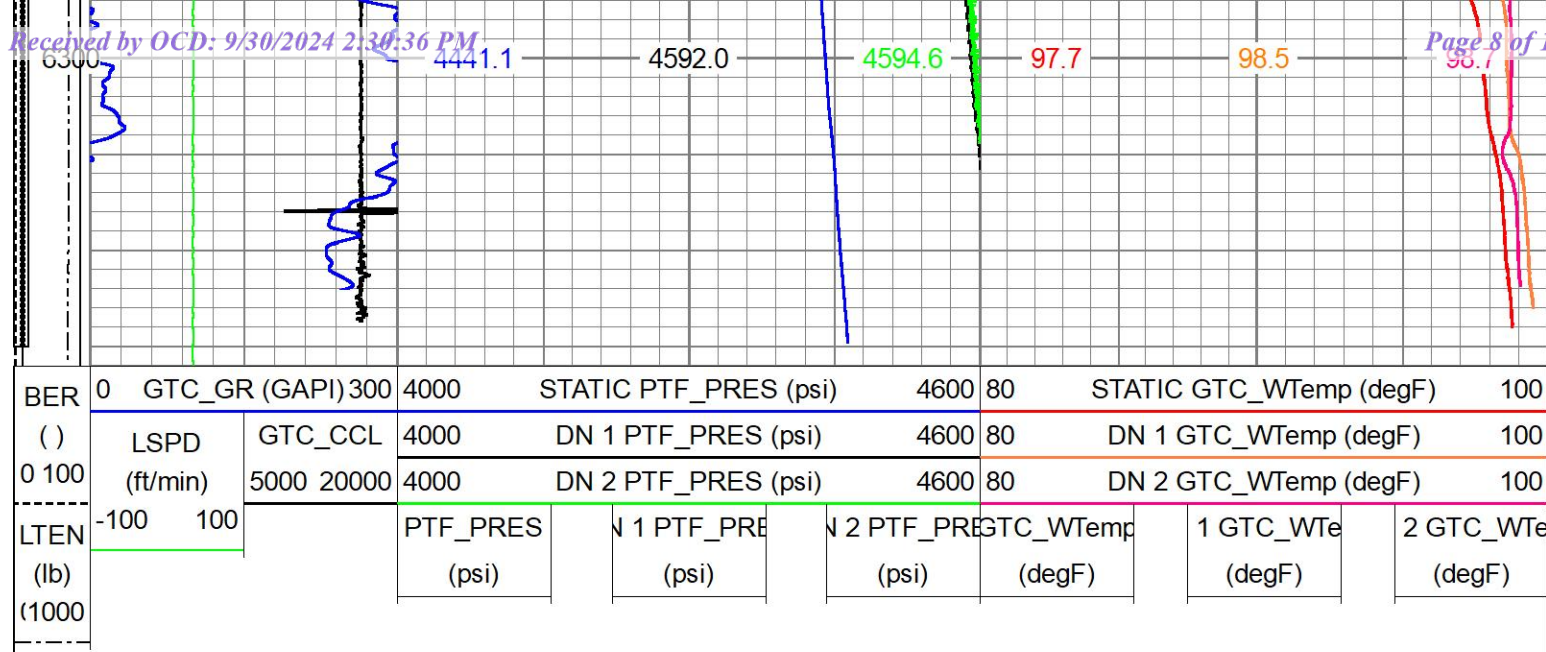
BER	0 GTC_GR (GAPI) 300		4000 STATIC PTF_PRES (psi) 4600			80 STATIC GTC_WTemp (degF) 100		
()	LSPD (ft/min)	GTC_CCL	4000 DN 1 PTF_PRES (psi) 4600			80 DN 1 GTC_WTemp (degF) 100		
0 100		5000 20000	4000 DN 2 PTF_PRES (psi) 4600			80 DN 2 GTC_WTemp (degF) 100		
-----	-100 100		PTF_PRES	DN 1 PTF_PRES	DN 2 PTF_PRES	GTC_WTemp	1 GTC_WTemp	2 GTC_WTemp
LTEN			(psi)	(psi)	(psi)	(degF)	(degF)	(degF)
(lb)								
(1000								









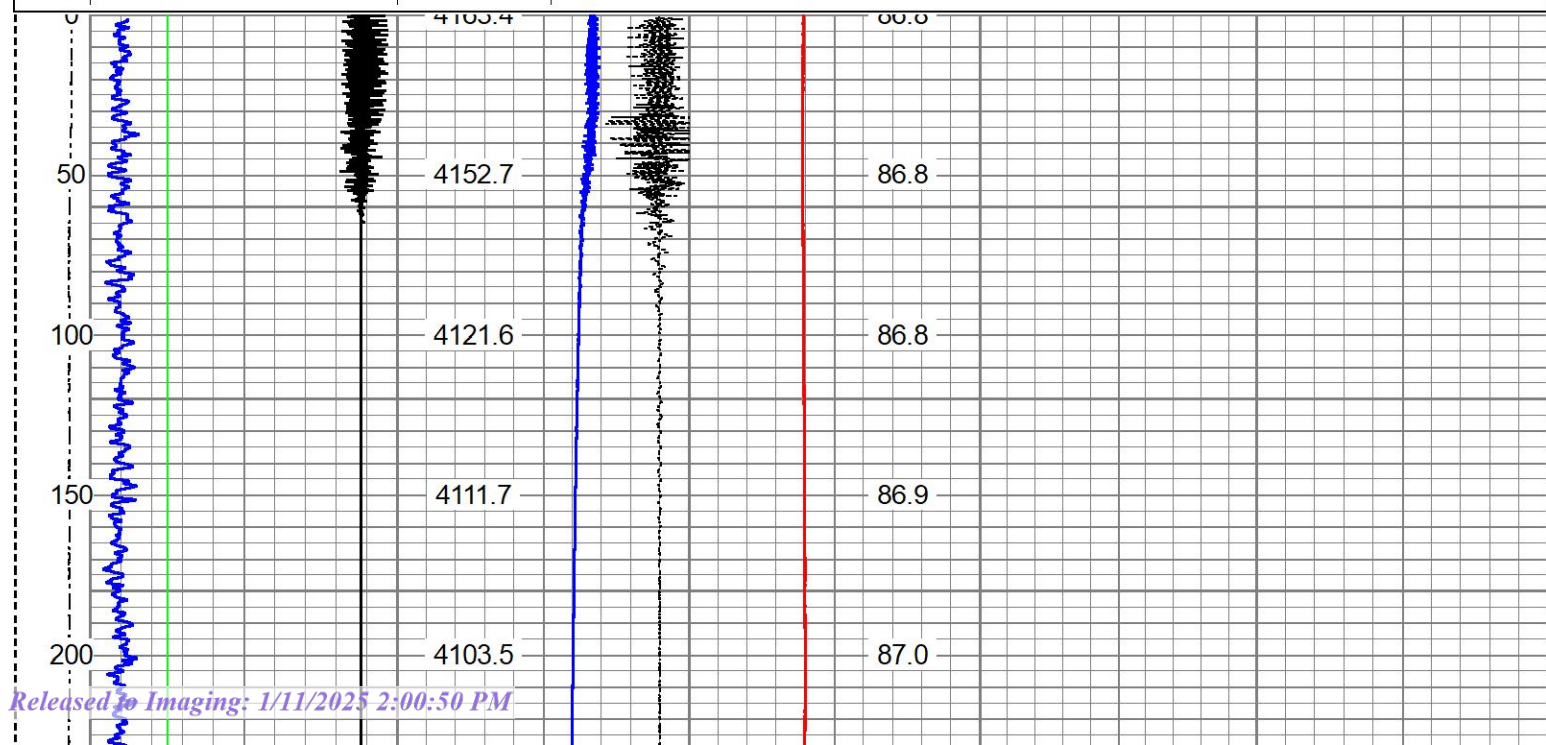


TIME DRIVE

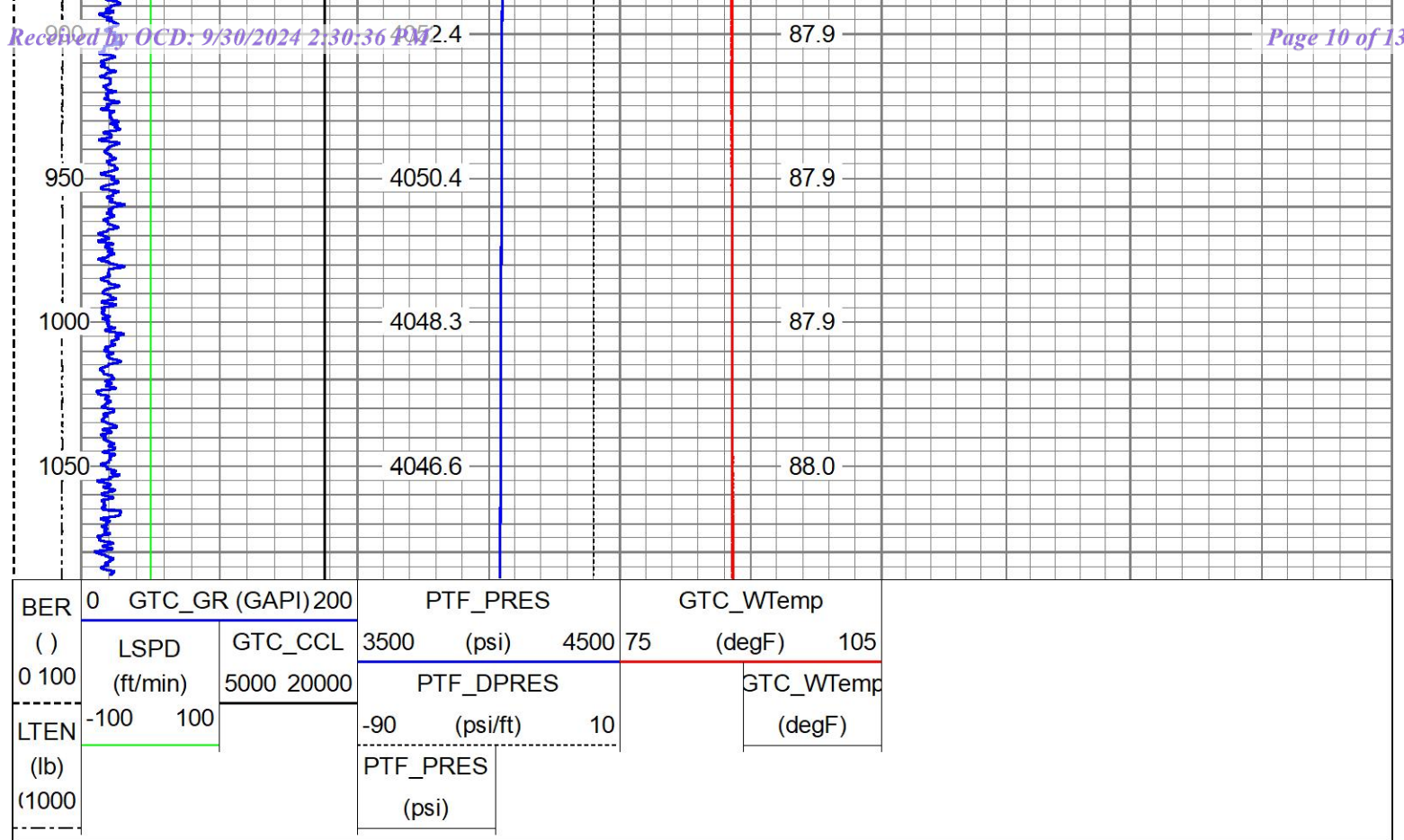
MONITOR PUMP TURN OFF (15 MIN 5500 FT).

Database File sh-1077.db
 Dataset Pathname pass16
 Presentation Format gw_plt
 Dataset Creation Sun Sep 22 22:35:30 2024
 Charted by Time scaled 60/hour

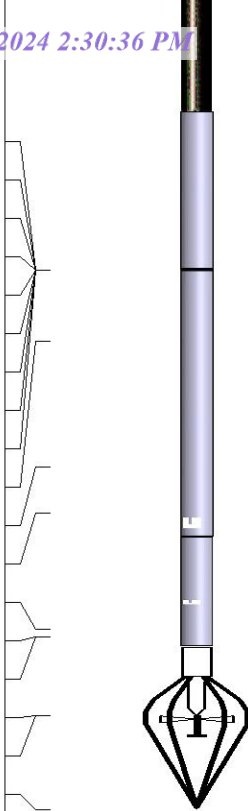
BER	0	GTC_GR (GAPI) 200	PTF_PRES		GTC_WTemp	
()		LSPD	3500	(psi)	4500	75
0 100		(ft/min)	5000 20000	PTF_DPRES		GTC_WTemp
LTEN	-100	100		-90	(psi/ft)	10
(lb)				PTF_PRES		(degF)
(1000)				(psi)		



250	4096.9	87.0
300	4091.0	87.1
350	4086.0	87.2
400	4081.5	87.2
450	4077.4	87.3
500	4073.7	87.4
550	4070.4	87.5
600	4067.3	87.6
650	4064.5	87.6
700	4061.7	87.7
750	4059.1	87.8
800	4056.9	87.8
850	4054.5	87.9



Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			CHD-Titan_2 Hunting Titan 1.4375 Cone Type II	1.03	1.44	2.00
			5ftwb-1.6875t 1 11/16" Tungsten Weight Bar	15.00	1.69	56.00

Received by OCD: 9/30/2024 2:30:36 PM		Page 11 of 1									
WTS_ACCZ	7.28		WTS-43C-C (19216) GOWell High Speed Telemetry Sub (GOWell 13 Pin connection) - Pegasus	2.13	1.69	7.72					
WTS_ACCY	7.28										
WTS_ACCX	7.28										
TelCirT	7.28										
WTS_OT	7.28										
WTS_PT	7.28										
WTS_ET	7.28										
TelHeadV	7.28		GTC-43C-E (20973) GOWell GR_Temp_CCL (GOWell 13-pin connection) - Pegasus	3.61	1.69	16.53					
TelTemp	7.28										
GTC_GR	6.31										
GTC_CCL	4.62										
GTC_WTemp	4.00		PTF-43J-A (22745) GOWell Pressure_Temp_Flowmeter-EA (GOWell 13-pin connection, Sour service type) - Pegasus	1.48	1.69	7.72					
PTF_WTEMP	2.43										
PTF_PRES	2.32										
PTF_TEMP1	2.32										
FBM_DIR	1.26		FBM-43J-A (21617) GOWell Full Bore Flowmeter_Mechanical Section (Sour service type)- Pegasus	2.19	1.69	5.51					
FBM_RATE	1.26										
TotalErr	0.00										
Dataset: sh-1077.db: field/well/run1/MAIN2											
Total length: 25.44 ft											
Total weight: 95.48 lb											
O.D.: 1.69 in											

Calibration Report			
Database File	sh-1077.db		
Dataset Pathname	MAIN2		
Dataset Creation	Mon Sep 23 00:24:27 2024		
Pressure Calibration Report			
Serial Number: 22745			
Tool Model: 43J-A			
Pressure Gauge Coefficients			
Performed: 12 May 2023			
G0=-3.005465E+02	G1=-6.032418E-01	G2=-2.920707E-03	G3=3.624199E-06
H0=1.326770E+01	H1=1.059064E-02	H2=1.199821E-05	H3=-2.199589E-08
I0=3.796455E-05	I1=-2.808764E-06	I2=1.635416E-08	I3=-3.754293E-11
J0=1.929875E-08	J1=6.201590E-10	J2=-3.253571E-12	J3=1.052826E-14
Gamma Ray Calibration Report			
Serial Number:	20973		
Tool Model:	43C-E		
Performed:	(Not Performed)		
Calibrator Value:	1.0	GAPI	
Background Reading:	0.0	cps	
Calibrator Reading:	1.0	cps	
Sensitivity:	1.0000	GAPI/cps	
Inclinometer Calibration Report			
Performed:	(Not Performed)		

Received by OCD: 9/30/2024 2:30:36 PM

Page 12 of 13

	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	0.00	1.00	0.00	1.00	gee
Y Accelerometer	0.00	1.00	0.00	1.00	gee
Z Accelerometer	0.00	1.00	0.00	1.00	gee



Company

Well

Field

County

State

PERMIAN OILFIELD PARTNERS

STRIKER 4 SWD NO. 1

JAL

LEA

NEW MEXICO

Country

U.S.A.

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

Action 388471

CONDITIONS

Operator: NGL Waste Services, LLC 1008 Southview Circle Center, TX 75935	OGRID: 329268
	Action Number: 388471
	Action Type: [C-103] Sub. General Sundry (C-103Z)

CONDITIONS

Created By	Condition	Condition Date
mgebremichael	Please submit Hall's plot within three months and provide the division as supplemental information via email to the UIC staff, detailing how you calculated the injection percentage distribution based on the temperature log.	1/11/2025