

Initial Application Part I

Received 7/6/2021

This application is placed in file for record. It MAY or MAY NOT have been reviewed to be determined Administratively Complete

NNR85-210706-C-1080

Revised March 23, 2017

RECEIVED: 7/6/21	REVIEWER:	TYPE: SWD	APP NO: pBL2118844958
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Geological & Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505

**ADMINISTRATIVE APPLICATION CHECKLIST**

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND
 REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Applicant: Enduring Resources IV, LLC **OGRID Number:** 372286
Well Name: WLU Unit 2309-24N WSW **API:** SJ-4301 POD3
Pool: Entrada **Pool Code:** 96436

**SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION
 INDICATED BELOW**

1) TYPE OF APPLICATION: Check those which apply for [A]

A. Location – Spacing Unit – Simultaneous Dedication

☐ NSL☐ NSP (PROJECT AREA)☐ NSP (PRORATION UNIT)☐ SD

SWD-2438

B. Check one only for [I] or [II]

[I] Commingling – Storage – Measurement

☐ DHC☐ CTB☐ PLC☐ PC☐ OLS☐ OLM

[II] Injection – Disposal – Pressure Increase – Enhanced Oil Recovery

☐ WFX☐ PMX☒ SWD☐ IPI☐ EOR☐ PPR**2) NOTIFICATION REQUIRED TO:** Check those which apply.A. ☒ Offset operators or lease holdersB. ☐ Royalty, overriding royalty owners, revenue ownersC. ☒ Application requires published noticeD. ☐ Notification and/or concurrent approval by SLOE. ☒ Notification and/or concurrent approval by BLMF. ☒ Surface ownerG. ☒ For all of the above, proof of notification or publication is attached, and/or,H. ☐ No notice required**FOR OCD ONLY**☐

Notice Complete

☐Application
Content
Complete

3) CERTIFICATION: I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Deidre Duffy

Print or Type Name

Signature

2/24/2021

Date

808-352-0200

Phone Number

deidre.duffy@wsp.com

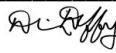
e-mail Address

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL
RESOURCES DEPARTMENT

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

FORM C-108
Revised June 10, 2003

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: _____ Secondary Recovery _____ Pressure Maintenance XX Disposal _____ Storage
Application qualifies for administrative approval? XX Yes _____ No
- II. OPERATOR: Enduring Resources IV, LLC
ADDRESS: 200 Energy Court, Farmington, New Mexico 87401
CONTACT PARTY: Deidre Duffy PHONE: 808-352-0200
- III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection.
Additional sheets may be attached if necessary.
- IV. Is this an expansion of an existing project? _____ Yes XX No
If yes, give the Division order number authorizing the project: _____
- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
- VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
- VII. Attach data on the proposed operation, including:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
 2. Whether the system is open or closed;
 3. Proposed average and maximum injection pressure;
 4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
 5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- *VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.
- IX. Describe the proposed stimulation program, if any.
- *X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).
- *XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
- NAME: Deidre Duffy, WSP USA Inc. TITLE: Senior Ecologist
SIGNATURE:  DATE: 2/24/2021
E-MAIL ADDRESS: deidre.duffy@wsp.com
- * If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: _____

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

Side 2

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

- (1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District Offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;
- (3) The formation name and depth with expected maximum injection rates and pressures; and,
- (4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

Side 1

INJECTION WELL DATA SHEET

OPERATOR: Enduring Resources IV, LLCWELL NAME & NUMBER: SJ-4301 POD3 (WLU Unit 2309-24N WSW)

WELL LOCATION:	<u>294' FSL, 2284' FWL</u>	<u>N</u>	<u>24</u>	<u>23N</u>	<u>9W</u>
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC

See attachment for wellbore diagram

WELL CONSTRUCTION DATASurface CasingHole Size: 17.5" Casing Size: 13 3/8 " J55 SteelCemented with: 440 sx. **or** ft³Top of Cement: surface Method Determined: circ.Intermediate CasingHole Size: Casing Size: Cemented with: sx. **or** ft³Top of Cement: Method Determined: Production CasingHole Size: 8.75" Casing Size: 7" L80 SteelCemented with: 945 sx. **or** ft³Top of Cement: surface Method Determined: circ.Total Depth: 7260' PBSDInjection Interval6851' TVD feet to 6990' TVD

(Perforated or Open Hole; indicate which)

Side 2

INJECTION WELL DATA SHEETTubing Size: 4.5" Lining Material: Internally coated corrosion resistant tubingType of Packer: Dual grip packer, coated with corrosion resistant materialPacker Setting Depth: 6803'Other Type of Tubing/Casing Seal (if applicable): Additional Data

1. Is this a new well drilled for injection? Yes X No
If no, for what purpose was the well originally drilled? Water diversion for oil well fracturing

2. Name of the Injection Formation: Entrada

3. Name of Field or Pool (if applicable): Entrada Pool 964360

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No, N/A

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

See attached geologic and reservoir information

: YELLOW-HIGHLIGHTED ENTRIES MAY REQUIRE
RECALCULATION BY PERMITTEE



ENDURING RESOURCES IV, LLC
511 SIXTEENTH STREET, SUITE 700
DENVER, COLORADO 80202

DRILLING PLAN: Drill, complete, and equip water supply well in the Entrada formation

WELL INFORMATION:

Name: West Lybrook Unit 2309-24N WSW (SJ-4301 POD3)

State: New Mexico

County: San Juan

Surface Elevation: 6,878 ft ASL (GL)

6,892 ft ASL (KB)

Surface Location: 24-23N-09W Sec-Twn-Rng TBD ft FNL TBD ft FEL
TBD ° N latitude TBD ° W longitude (NAD 83)

BH Location: 24-23N-09W Sec-Twn-Rng TBD ft FNL TBD ft FWL
TBD ° N latitude TBD ° W longitude (NAD 83)

Driving Directions: From the intersection of US Hwy 550 & US Hwy 64 in Bloomfield, NM: south on 550 for approximately 50 miles to Enduring Gallup field. Exact directions TBD.

GEOLOGIC AND RESERVOIR INFORMATION:

Prognosis:	Formation Tops	TVD (ft ASL)	TVD (ft KB)	MD (ft KB)	O / G / W	Pressure
	Ojo Alamo	6,797	95	95	W	normal
	Kirtland	6,577	315	315	W	normal
	Fruitland	6,467	425	425	G, W	sub
	Pictured Cliffs	6,167	725	725	G, W	sub
	Lewls	5,992	900	900	G, W	normal
	Chacra	5,827	1,065	1,065	G, W	normal
	Cliff House	5,442	1,450	1,450	G, W	sub
	Menefee	4,692	2,200	2,200	G, W	normal
	Point Lookout	3,767	3,125	3,125	G, W	normal
	Mancos	3,542	3,350	3,350	O, G	normal
	Gallup	3,342	3,550	3,550	O, G	normal
	Base Greenhorn	1,827	5,065	5,065	G, W	normal
	Dakota	1,777	5,115	5,115	G, W	normal
	Morrison	1,517	5,375	5,375	G, W	normal
	Todilto	697	6,195	6,195	G, W	normal
	Entrada	642	6,250	6,250	O, G, W	normal
	TOTAL DEPTH	142	6,750	6,750	O, G, W	normal

Surface: Nacimiento

Oil & Gas Zones: Several gas bearing zones will be encountered; target formation is the Entrada

Pressure: Normal (0.43 psi/ft) or sub-normal pressure gradient anticipated in all formations

Max. pressure gradient: 0.43 psi/ft Evacuated hole gradient: 0.22 psi/ft

Maximum anticipated BH pressure, assuming maximum pressure gradient: 2,690 psi

Maximum anticipated surface pressure, assuming partially evacuated hole: 1,320 psi

Temperature: Maximum anticipated BHT is 205° F or less

H₂S INFORMATION:

H₂S Zones: Encountering hydrogen-sulfide bearing zones is NOT anticipated.

Safety: Sensors and alarms will be placed in the substructure, on the rig floor, above the pits, and at the shakers.



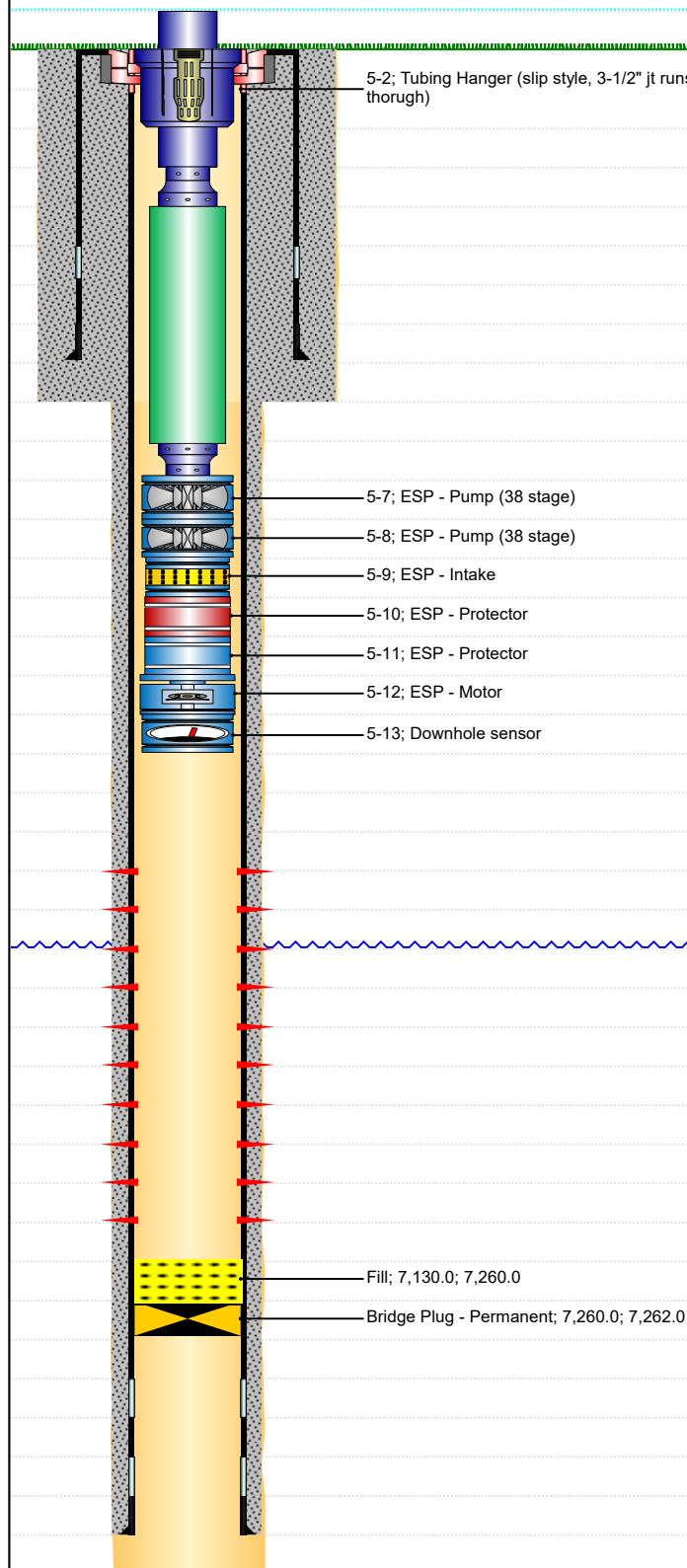
ERC - Current WBD

Well Name: W LYBROOK UNIT 2309-24N WSW

API/UWI SJ-4301 POD 3	Surface Legal Location SE/4, SW/4, Section 24, Twp 23N, Rng 0...	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type Vertical
Original KB Elevation (ft) 6,893.00	KB-Tubing Head Distance (ft)	Spud Date 1/3/2019 10:00	Rig Release Date 1/17/2019 12:00	PBTD (All) (ftKB) Original Hole - 7,260.0	Total Depth All (TVD) (ftKB) Original Hole - 7,407.0

Vertical, Original Hole, 2/24/2021 8:38:59 AM

Vertical schematic (actual)



Casing Strings

Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Top Thread	Top (ftKB)	Set Depth (ftKB)
Surface Casing	13 3/8	54.50	J-55	BTS	15.0	397.2
Production Casing	7	26.00	L-80	LT&C	15.0	7,397.8

Cement

Description Surface Cement	Comment Pump 20 bbls FW spacer & 92.5 bbls Type G cmt (440 sxs) @ 15.8 PPG, drop plug & disp w/ 52. bbls H2O, bump plug @ 178 psi, circ 38 bbls good cmt to surface. Check float, Shut in cement head, floats wouldn't hold. Wait 3 hrs, check float, remove cement head, secure casing.
Description Production Cement	Comment Pumped 80 bbls tuned spacer @ 10.5 ppg. Pumped 184 bbls (525 sxs) of lead cement at 12.3 ppg, 1.91 ft3/sk, 10.28 gal/sk H2O. Pumped 102 bbls (420 sxs) of tail cement at 13.3 ppg, 1.36 ft3/sk, 6.01 gal/sk H2O. Dropped 1 top plugs. Displaced with 279 bbls freshwater (279 actual displacement at 2016 psi/7.9 BPM & pressured up to 2854 psi.) Maintained returns throughout cement job. Circulated 52 bbls of good cement to surface. Floats held, bled back 2.5 bbls, Top of Tail 3729. Cement in place @ 04:30

Perforations

Date	Top (ftKB)	Btm (ftKB)	Nom Hole Dia (in)	Shot Dens (shots/ft)	Entered Shot Total
1/27/2019	6,851.0	6,856.0	0.420	4.0	20
1/27/2019	6,895.0	6,900.0	0.420	4.0	20
1/27/2019	6,917.0	6,922.0	0.420	4.0	20
1/27/2019	6,953.0	6,958.0	0.420	4.0	20
1/27/2019	6,985.0	6,990.0	0.420	4.0	20

Tubing Strings

Tubing Description	Run Date	String Length (ft)	Set Depth (ftKB)
Tubing - Production	2/2/2021	2,273.62	2,282.6

Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)	Grade	Wt (lb/ft)
1	Tubing (1 jt 3-1/2" at surface running through hanger)	3 1/2	6.00	9.0	15.0	J-55	9.30
1	Tubing Hanger (slip style, 3-1/2" jt runs thorough)	6.27	1.50	15.0	16.5		
1	Tubing (1 jt 3-1/2" at surface running through hanger)	3 1/2	24.85	16.5	41.3	J-55	9.30
1	Cross Over (3-1/2" 8rd EUE x 4-1/2" LTC)	3 1/2	1.10	41.3	42.4		
50	Casing	4 1/2	2,161.07	42.4	2,203.5	P-110	11.60
1	Cross Over (4-1/2" LTC x 3-1/2" 8rd EUE)	3 1/2	1.10	2,203.5	2,204.6		
1	ESP - Pump (38 stage)	5.38	12.30	2,204.6	2,216.9		
1	ESP - Pump (38 stage)	5.38	12.30	2,216.9	2,229.2		
1	ESP - Intake	5	1.20	2,229.2	2,230.4		
1	ESP - Protector	5.13	5.80	2,230.4	2,236.2		
1	ESP - Protector	5.13	8.90	2,236.2	2,245.1		
1	ESP - Motor	5.62	35.00	2,245.1	2,280.1		
1	Downhole sensor	5.4	2.50	2,280.1	2,282.6		

Rod Strings

Rod Description		Run Date	String Length (ft)		Set Depth (ftKB)	
Jts	Item Des		OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)



March 15, 2021

Mr. Jim Griswold
New Mexico Oil Conservation Division
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505

**Subject: Application for Authorization to Inject
SJ-4301 POD 3, WLU Unit 2309-24N WSW
San Juan County, New Mexico**

Mr. Griswold:

Below is the supplemental information for Form C-108, *Application for Authorization to Inject*, for the existing water-supply well SJ-4301 POD 3 (WLU Unit 2309-24N WSW), permitted with the New Mexico Office of the State Engineer (NMOSE). Unless otherwise stated, all measured depths are referenced from the top of the kelly bushing (KB), which is 6,893 feet above mean seal level (amsl). Ground-surface elevation at this location is 6,878 feet amsl.

- I. Purpose: Water disposal in the Entrada Formation
- II. Operator: Enduring Resources IV, LLC
Operator Phone Number: (505) 386-8205
Operator Address: 200 Energy Court, Farmington, NM 87401
Contact: Deidre Duffy (WSP), (808) 352-0200
- III. Well Data
Lease: US Bureau of Land Management (BLM), USA NMNM 036949 (NMNM02119)
Lease Size: 1,750.63 Acres
Lease Area: Sec24, Sec25, Sec26, and Sec35 of T23N / R9W
Closest Lease Line: SE/SW OF Sec24, T23N / R9W
Well Name & Number: WLU Unit 2309-24N WSW (SJ-4301 POD3)
Well Location: 294' FSL and 2284' FWL, Unit N, Section 24, Township 23N, Range 9 West
A survey plat of the pad is attached as Enclosure A

Surface Casing: 13 3/8" outer diameter, 54.5#, J-55 Steel, set to 397.2 feet. Pump 20 barrels (bbls) FW spacer & 92.5 bbls Type G cmt (440 sxs) @ 15.8 PPG, drop plug & disp w/ 52. bbls H2O, bump plug @ 178 psi, circ 38 bbls good cmt to surface. Check float, Shut in cement head, floats wouldn't hold. Wait 3 hrs, check float, remove cement head, secure casing.

Production Casing: 7" outer diameter, 26#, L-80 Steel, set to 7,397 feet, plug back total depth 7,260 feet. Pumped 80 bbls tuned spacer @ 10.5 ppg. Pumped 184 bbls (525 sks) of lead cement at 12.3 ppg, 1.91 ft3/sk, 10.28 gal/sk H2O. Pumped 102 bbls (420 sks) of tail cement at 13.3 ppg, 1.36 ft3/sk, 6.01 gal/sk H2O. Dropped 1 top plugs. Displaced with 279 bbls freshwater (279 actual displacement at 2016 psi/7.9 BPM & pressured up to 2854 psi.) Maintained returns throughout cement job. Circulated 52 bbls of good cement to surface. Floats held, bled back 2.5 bbls, Top of Tail 3729.

Tubing: 4.5" corrosion resistant tubing.

Dual grip packer coated with corrosion resistant material set at 6,803'.

WSP USA
848 EAST 2ND AVENUE
DURANGO CO 81301

Tel.: 970-385-1096
wsp.com



Disposal zone will be the Entrada sandstone in the SWD; Entrada (96436) pool. Entrada is described as a fine to very fine-grained sandstone with fair to good porosity and permeability.

Disposal interval is 6,851' to 6,990'.

The well was originally drilled as a diversion for water.

Well bore is perforated at 6,851' to 6,990'.

Top of the Entrada is at 6,250 feet. Bottom of the closest overlying productive formation (Dakota) is at 5,375 feet. There will be 1,476 feet between the highest perforation and the bottom of the Dakota. A well bore diagram is included as Enclosure B.

- IV. This is not an expansion of an existing injection project.
- V. Enclosure C depicts all wells (active and plugged) and leases within two miles. A half-mile radius area of review is also depicted on the figure.
- VI. There are no active wells within the area of review. Enduring Resources IV, LLC is the only oil and gas lease holders within the area of review (Enclosure D).
- VII.
 1. Injection Rate: 20,000 barrels of water injected per day (BWIPD) maximum, 8,000 BWIPD average
 2. System will be closed
 3. Injection pressure: 2,000 pounds per square inch gauge (psig) maximum, 1,200 psig average.
 4. Injection Fluid will be from present and future Enduring Resources, LLC wells in the San Juan Basin. Water analysis attached (Enclosure E).
 5. The Entrada has not been proven productive within the area of review. In general, Entrada water near recharge zones (basin fringe) has a specific conductance of < 1,500 micro ohms (μmhos). Stone et al in *Hydrology and Water Resources of San Juan Basin, New Mexico* wrote, "Generally, however, water from the Entrada is not suitable for drinking, especially in deeper parts of the basin." Water samples from the well are attached as Enclosure F.
- VIII. The Entrada sandstone is a very porous and permeable aeolian sandstone. It has produced oil elsewhere in the San Juan Basin (e.g. Eagle Mesa, Leggs, Media, Ojo Encino, Paper Wash, Snake Eyes Field). The closest producing water well (SJ-01710) is located approximately 0.77 miles from SJ-4301 POD3, with depth to water of approximately 173 feet below ground surface. No existing underground drinking water sources are below the Entrada within a 2-mile radius. Enclosure G includes state engineer water well record.
- IX. There is no proposed stimulation.
- X. A triple combo log is attached as Enclosure H.
- XI. There are no freshwater wells within 1-mile of SJ-4301 POD3.
- XII. Enduring Resources, LLC is not aware of any geologic or engineering data that may indicate the Entrada is in hydrologic connection with any underground sources of water. There is a greater than 5,000 feet vertical separation and multiple shale zones between the top of the Entrada and the bottom of known existing water wells in the area. Closest Quaternary fault zone is miles to the east in the Rio Grande Valley. There are many injection and disposal wells active in the Entrada formation in New Mexico.
- XIII. Enclosure I provides proof of notification for this application. Because the applicant is the only well owner/lease holder within the area of review, notification of this application was given to the BLM via certified mail. In addition, the proof of publication is provided in Enclosure I. Notice of this



application was published in the *Farmington Daily Time*, a newspaper of general circulation in San Juan County, New Mexico, as well as surrounding counties.

The following statement was advertised in the *Farmington Daily Times* on March 3, 2021:

Ms. Deidre Duffy, a representative of Enduring Resources IV, LLC, 200 Energy Court, Farmington, New Mexico 87401 (970-385-1096), wishes to provide notification for the submittal of an *Application for Authorization to Inject* to the New Mexico Oil Conservation Division (NMOCD). The application requests the use of existing diversion well SJ-4301 POD3 (WLU 2309-24N WSW), permitted with the New Mexico Office of the State Engineer (NMOSE), for the use as a Class II injection well. The well is located in San Juan County, New Mexico at latitude 36.205958°N, longitude 107.740891°W. This well will be used to inject fluids produced from the enhanced recovery of oil and/or natural gas in the San Juan Basin. Fluids will be injected into the Entrada Geologic Formation at depths between 6,851 feet and 6,990 feet below ground surface. Maximum injection rates and pressures are anticipated to be 20,000 barrels of water per day and 2,000 pounds per square inch gauge, respectively. Interested parties may contact the Oil Conservation Division, 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505, within 15 days.

Kind regards,

A handwritten signature in black ink, appearing to read 'Deidre Duffy'.

Deidre Duffy
Senior Ecologist

A handwritten signature in black ink, appearing to read 'Stuart Hyde'.

Stuart Hyde, L.G.
Environmental Geologist

ENCLOSURES

- Enclosure A: Survey Plat
- Enclosure B: Wellbore Diagram
- Enclosure C: Well Location Figure
- Enclosure D: List of Active Wells
- Enclosure E: Sample Injection Fluid Analytical Reports
- Enclosure F: Sample Entrada Formation Groundwater Analytical Results
- Enclosure G: NMOSE Point of Diversions
- Enclosure H: Triple Combo Log
- Enclosure I: Proof of Notification

ENCLOSURE A: SURVEY PLAT

23 ○ 24

GRAPHIC SCALE 1"=100'



A horizontal scale bar with alternating black and white segments. Below the bar, the numbers 0, 100, and 200 are printed, indicating the scale in feet. The text "GRAPHIC SCALE 1"=100'" is printed vertically to the left of the bar.

~ SURFACE OWNER ~

Bureau of Land Management

Area of Total Disturbance
500' X 700' = 8.03 Acres

FOUND
1947 GLO
BRASS CAP

A 2x2 grid with numbers 23, 24, 26, and 25. The center intersection is shaded.

588°07'03"W
2198.78'

ACCESS
0.0' (0-6%)

CENTER EARTHEN PIT
LAT : 36.205968 °N
LONG : 107.740637 °W
DATUM : NAD1983

EARTHEN PIT
350' X 400'
(25' DEEP)

~ 1/4 SECTION LINE ~
NO OWNERSHIP CHANGE

EDGE OF TOTAL DISTURBANCE

N87°10'16"E 600.00'

WATER SUPPLY WELL
294' FSL, 2284' FWL
LAT : 36.205932°N
LONG : 107.741568°W
DATUM : NAD1983

N 02° 49' 44" W 400.00'

PERCENTAGE OF TOTAL DISTURBANCE

502°49'44"E 400.00'

PERCENTAGE OF TOTAL DISTURBANCE

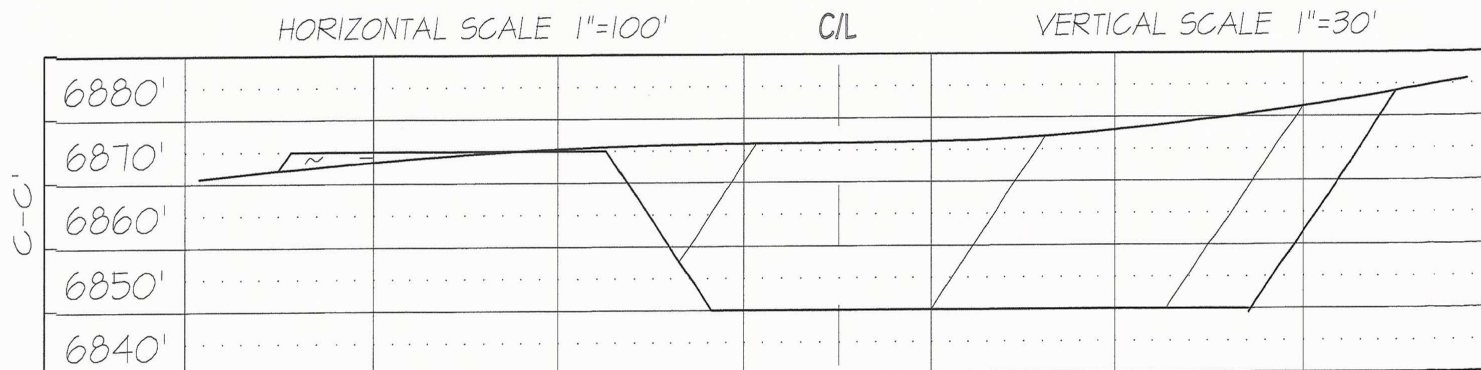
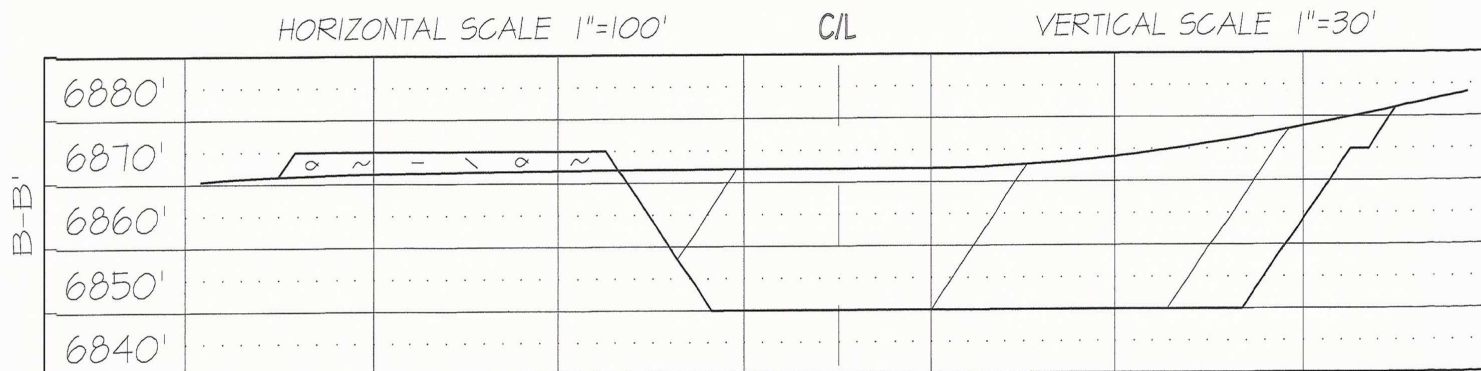
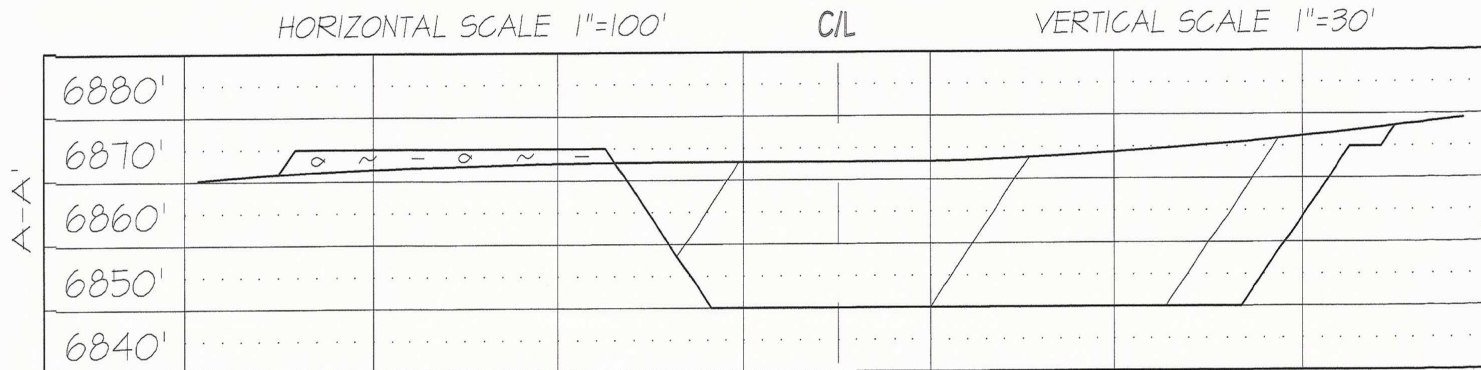
EXISTING ROADWAY

W LYBROOK UNIT #720H
EXISTING PIPELINE

W LYBROOK UNIT #720H
EXISTING PIPELINE

Steel T-Posts have been set to define Edge of Disturbance limits which are 50' offset from the edge of water recycle facility.

ENDURING RESOURCES WLU 2309-24N WATER RECYCLE FACILITY
LOCATED IN SE/4 SW/4 & SW/4 SE/4 OF SECTION 24, T23N, R9W
SAN JUAN COUNTY, NEW MEXICO ELEVATION: 6870'



EDWARDS SURVEYING, INC. IS NOT LIABLE FOR LOCATION OF UNDERGROUND UTILITIES OR PIPELINES.

CONTRACTOR SHOULD CONTACT ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED UNDERGROUND UTILITIES OR PIPELINES ON WELLPAD AND/OR ACCESS ROAD AT LEAST TWO WORKING DAYS PRIOR TO CONSTRUCTION.

FOUND
1947 GLO
BRASS CAP



BEFORE ANY CONSTRUCTION BEGINS, CONTRACTOR IS ADVISED TO CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED PIPELINES OR CABLES IN THE AREA OF THE PROJECT.

BASIS OF BEARING

1947 GLO
BRASS CAP

PLEASE AT NOTE

A circular professional seal for Jason C. Edwards, a Registered Professional Surveyor in New Mexico. The seal features three concentric circles. The outermost ring contains the text "JASON C. EDWARDS" at the top and "REGISTERED PROFESSIONAL SURVEYOR" at the bottom. The middle ring contains the text "NEW MEXICO". The innermost circle contains the license number "15269".

~ SURFACE OWNERSHIP ~ Bureau of Land Management	
0+00 TO 0+50.0	50.0 FT / 3.0 RODS

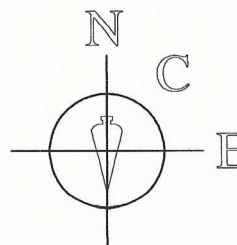
I, Jason C. Edwards, a registered Professional Surveyor under the laws of the State of New Mexico, hereby certify that this plat was prepared from field notes of an actual survey meeting the minimum requirements of the standards for easement surveys and is true and correct to the best of my knowledge and belief.

JASON C. EDWARDS Date: June 6, 2018

Jason C. Edwards, P.L.S.
New Mexico L.S. #15269

Prepared for:

ENDURING RESOURCES, LLC
3332 ROAD 3100
AZTEC, NM 87410



SURVEYS, INC.

Land Surveyor:
Jason C. Edwards
Mailing Address:
Post Office Box 6612
Farmington, NM 87499

Business Address:
111 East Pinon Street
Farmington, NM 87402
(505) 486-1695 (Office)
ncesurveys@comcast.net

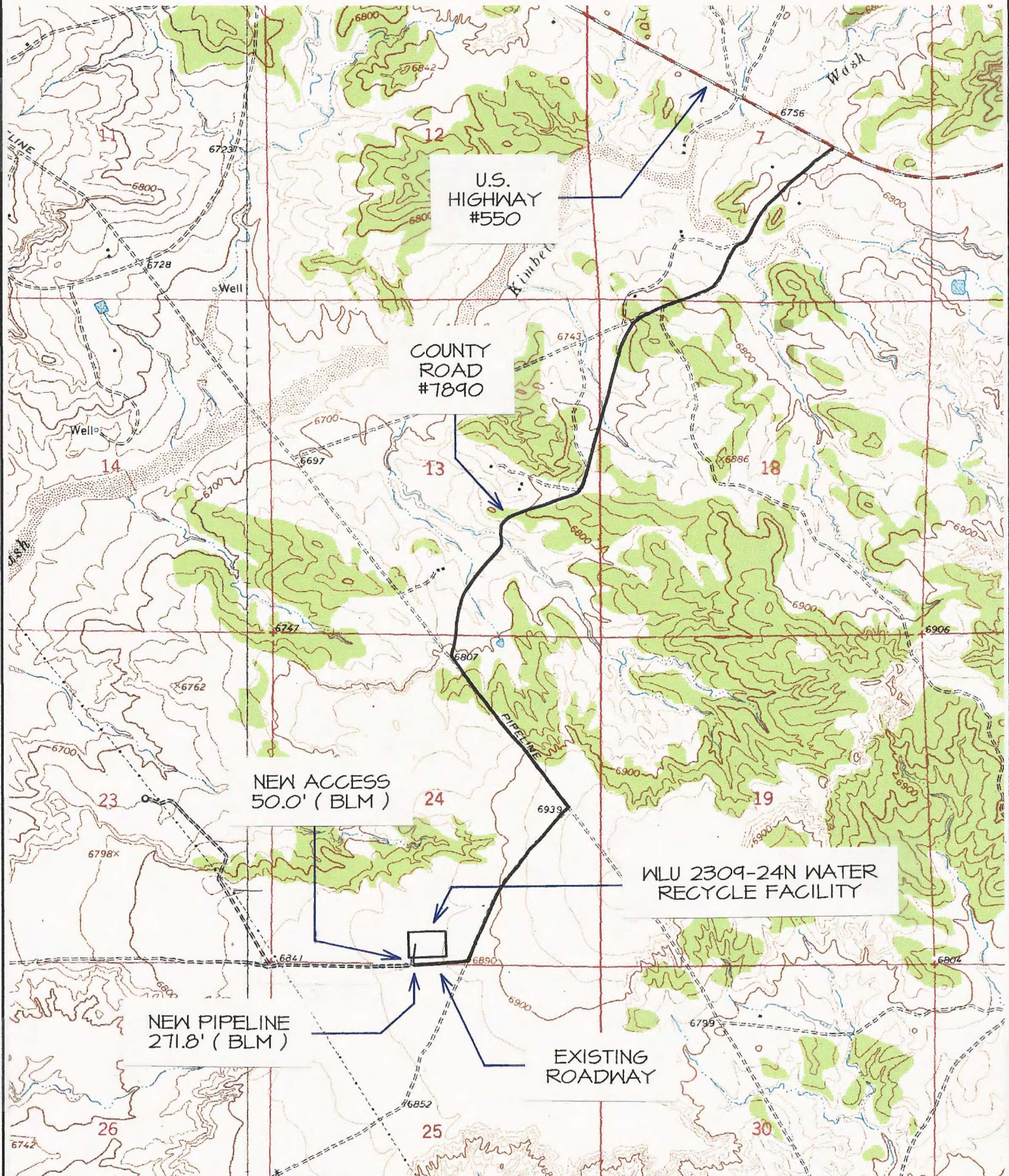
SHEET 3 OF 6	CHECKED BY: JCE
FILENAME: 23924API	DRAWN BY: EDO

FOUND
1947 GLO
BRASS CAP



ENDURING RESOURCES, LLC WLU 2309-24N WATER RECYCLE FACILITY

LOCATED IN SE/4 SW/4 & SW/4 SE/4 SECTION 24, T23N, R9W
N.M.P.M., SAN JUAN COUNTY, NEW MEXICO



TOPO NAMES : KIMBETO & LYBROOK NW ⊕ PRODUCING WELL ⊗ PLUGGED & ABANDONED WELL

Directions from the Intersection of US Hwy 550 & US Hwy 64
in Bloomfield, NM to Enduring Resources, LLC WLU 2309-24N Water Recycle Facility
294' FSL & 2284' FWL, Section 24, T23N, R9W, N.M.P.M., San Juan County, NM

Latitude: 36.205932°N Longitude: 107.741568°W Datum: NAD1983

From the intersection of US Hwy 550 & US Hwy 64 in Bloomfield, NM, travel Southerly on US Hwy 550 for 37.8 miles to Mile Marker 113.4;

Go Right (South-westerly) on County Road #7890 for 0.8 miles to fork in roadway;

Go Left (Southerly) remaining on County Road #7890 for 1.3 miles to 4-way intersection;

Go Left (South-easterly) remaining on County Road #7890 for 0.6 miles to fork in roadway;

Go Right (South-westerly) remaining on County Road #7890 for 0.5 miles to fork in roadway;

Go Right (Westerly) exiting County Road #7890 for 0.2 miles to begin access on right-hand side of existing roadway which continues for 50.0' to staked Enduring WLU 2309-24N Water Recycle Facility location.

ENCLOSURE B: WELLBORE DIAGRAM



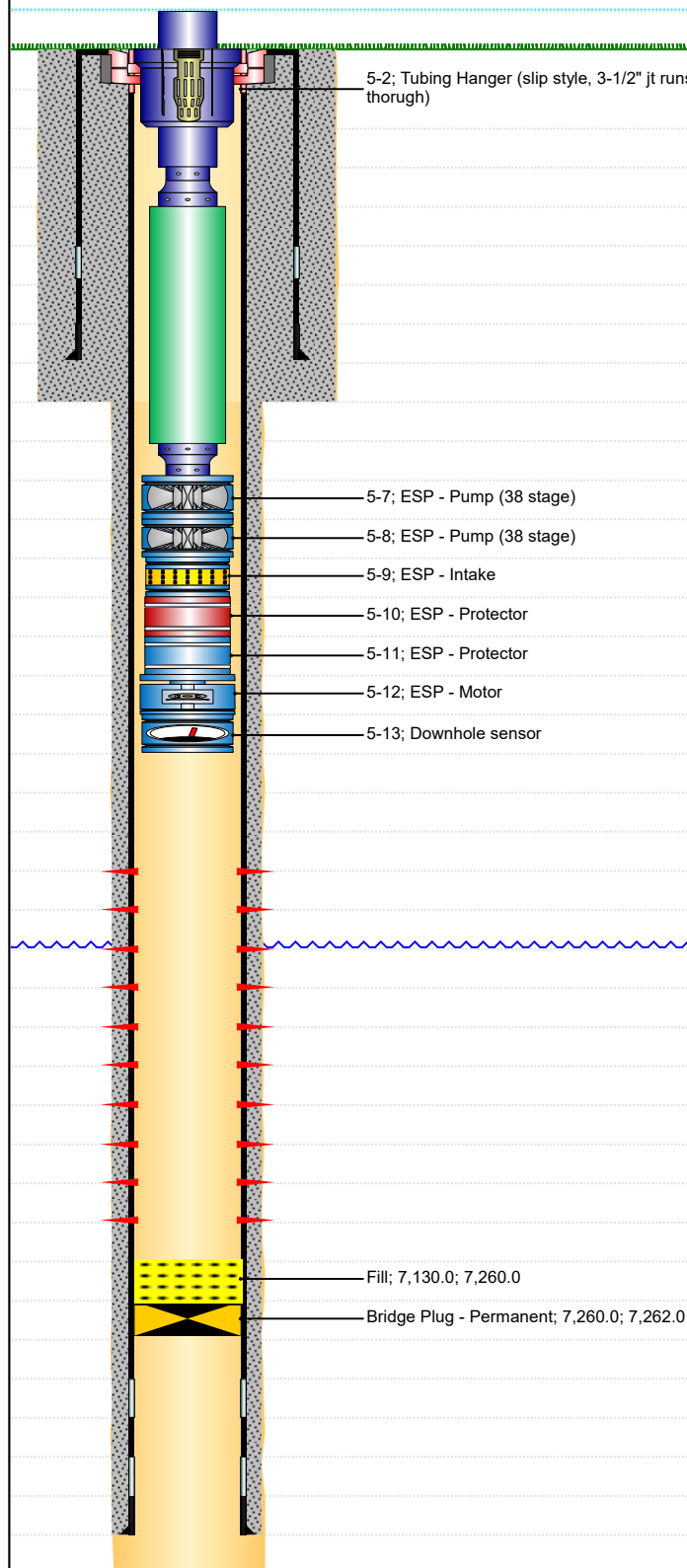
ERC - Current WBD

Well Name: W LYBROOK UNIT 2309-24N WSW

API/UWI SJ-4301 POD 3	Surface Legal Location SE/4, SW/4, Section 24, Twp 23N, Rng 0...	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type Vertical
Original KB Elevation (ft) 6,893.00	KB-Tubing Head Distance (ft)	Spud Date 1/3/2019 10:00	Rig Release Date 1/17/2019 12:00	PBTD (All) (ftKB) Original Hole - 7,260.0	Total Depth All (TVD) (ftKB) Original Hole - 7,407.0

Vertical, Original Hole, 2/24/2021 8:38:59 AM

Vertical schematic (actual)



Casing Strings

Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Top Thread	Top (ftKB)	Set Depth (ftKB)
Surface Casing	13 3/8	54.50	J-55	BTS	15.0	397.2
Production Casing	7	26.00	L-80	LT&C	15.0	7,397.8

Cement

Description Surface Cement	Comment Pump 20 bbls FW spacer & 92.5 bbls Type G cmt (440 sxs) @ 15.8 PPG, drop plug & disp w/ 52. bbls H2O, bump plug @ 178 psi, circ 38 bbls good cmt to surface. Check float, Shut in cement head, floats wouldn't hold. Wait 3 hrs, check float, remove cement head, secure casing.
Description Production Cement	Comment Pumped 80 bbls tuned spacer @ 10.5 ppg. Pumped 184 bbls (525 sxs) of lead cement at 12.3 ppg, 1.91 ft3/sk, 10.28 gal/sk H2O. Pumped 102 bbls (420 sxs) of tail cement at 13.3 ppg, 1.36 ft3/sk, 6.01 gal/sk H2O. Dropped 1 top plugs. Displaced with 279 bbls freshwater (279 actual displacement at 2016 psi/7.9 BPM & pressured up to 2854 psi.) Maintained returns throughout cement job. Circulated 52 bbls of good cement to surface. Floats held, bled back 2.5 bbls, Top of Tail 3729. Cement in place @ 04:30

Perforations

Date	Top (ftKB)	Btm (ftKB)	Nom Hole Dia (in)	Shot Dens (shots/ft)	Entered Shot Total
1/27/2019	6,851.0	6,856.0	0.420	4.0	20
1/27/2019	6,895.0	6,900.0	0.420	4.0	20
1/27/2019	6,917.0	6,922.0	0.420	4.0	20
1/27/2019	6,953.0	6,958.0	0.420	4.0	20
1/27/2019	6,985.0	6,990.0	0.420	4.0	20

Tubing Strings

Tubing Description	Run Date	String Length (ft)	Set Depth (ftKB)
Tubing - Production	2/2/2021	2,273.62	2,282.6

Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)	Grade	Wt (lb/ft)
1	Tubing (1 jt 3-1/2" at surface running through hanger)	3 1/2	6.00	9.0	15.0	J-55	9.30
1	Tubing Hanger (slip style, 3-1/2" jt runs thorough)	6.27	1.50	15.0	16.5		
1	Tubing (1 jt 3-1/2" at surface running through hanger)	3 1/2	24.85	16.5	41.3	J-55	9.30
1	Cross Over (3-1/2" 8rd EUE x 4-1/2" LTC)	3 1/2	1.10	41.3	42.4		
50	Casing	4 1/2	2,161.07	42.4	2,203.5	P-110	11.60
1	Cross Over (4-1/2" LTC x 3-1/2" 8rd EUE)	3 1/2	1.10	2,203.5	2,204.6		
1	ESP - Pump (38 stage)	5.38	12.30	2,204.6	2,216.9		
1	ESP - Pump (38 stage)	5.38	12.30	2,216.9	2,229.2		
1	ESP - Intake	5	1.20	2,229.2	2,230.4		
1	ESP - Protector	5.13	5.80	2,230.4	2,236.2		
1	ESP - Protector	5.13	8.90	2,236.2	2,245.1		
1	ESP - Motor	5.62	35.00	2,245.1	2,280.1		
1	Downhole sensor	5.4	2.50	2,280.1	2,282.6		

Rod Strings

Rod Description		Run Date	String Length (ft)		Set Depth (ftKB)	
Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)	

ENCLOSURE C: WELL LOCATION FIGURE

ENCLOSURE D: LIST OF ACTIVE WELLS

Enclosure D

Form C-108
WLU 2309-24N (SJ-4301 POD 3)
San Juan County, New Mexico

API/Lease Number	Operator	Well	Unit Section T23N R9W	True Vertical Depth	Pool	Status
BLM Lease NMNM 057164	Enduring Resources IV, LLC	N/A	N/A	N/A	N/A	N/A
BLM Lease NMNM 036949	Enduring Resources IV, LLC	N/A	N/A	N/A	N/A	N/A

ENCLOSURE E: SAMPLE INJECTION FLUID ANALYTICAL REPORTS



Enduring Resources

SEU 359 Pad

Water Analysis

Test:		North Escavada Pond
Temperature	(deg F)	64.5
Specific Gravity		1.029
pH		8.45
Sodium Na+	(mg/L)	13915
Magnesium Mg 2+	(mg/L)	80
Iron Fe2+	(mg/L)	<LOD
Total Iron Fe2+ & Fe3+	(mg/L)	6
Calcium Ca 2+	(mg/L)	394
Total Hardness as CaCO ₃	(mg/L)	1312
Chlorides CL-	(mg/L)	20945
Hydroxide OH-	(mg/L)	<LOD
Carbonate CO ₃ (2-)	(mg/L)	96
Bicarbonates HCO ₃ -	(mg/L)	708
Phosphates PO ₄ (3-)	(mg/L)	6
Sulfates SO ₄ (2-)	(mg/L)	1250
ORP	mV	10
TDS	(mg/L)	37400

*** <LOD indicates a result less than limit of detection.

HALLIBURTON

Water Analysis Report

30-045-33217

F-11-24n-11w

To:	<u>Dugan Production</u>	Date:	<u>11/10/2005</u>
Submitted by:	<u>Halliburton Energy Services</u>	Date Rec:	<u>11/10/2005</u>
Attention:	<u>Darrin Steed</u>	Report #:	<u>FLMM5A44</u>
Well Name:	<u>Herry Monster #3 SWD</u>	Formation:	<u>Entrada/SWD</u>

Specific Gravity	1.005	
pH	8.4	
Resistivity	0.89	@ 70° F
Iron (Fe)	0	Mg / L
Potassium (K)	200	Mg / L
Sodium (Na)	4165	Mg / L
Calcium (Ca)	176	Mg / L
Magnesium (Mg)	15	Mg / L
Chlorides (Cl)	2200	Mg / L
Sulfates (SO4)	2000	Mg / L
Carbonates (CO3)	40	Mg / L
Bicarbonates (HCO3)	5612	Mg / L
Total Dissolved Solids	14408	Mg / L

Respectfully: Bill Loughridge
Title: Senior Scientist
Location: Farmington, NM

EXHIBIT F

NOTICE: This report is limited to the described sample tested. Any person using or relying on this report agrees that Halliburton shall not be liable for any loss or damage whether due to act or omission resulting from such report or its use.

ENCLOSURE F: SAMPLE ENTRADA FORMATION GROUNDWATER
ANALYTICAL RESULTS

Analytical Report

Lab Order 1810596

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: John Shomaker & Assoc.

Client Sample ID: First Formation

Project: Enduring Resources

Collection Date: 10/9/2018 11:52:00 AM

Lab ID: 1810596-002

Matrix: AQUEOUS

Received Date: 10/10/2018 12:40:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Fluoride	5.8	0.50	*	mg/L	5	10/10/2018 7:26:00 PM	R54788
Chloride	1400	100	*	mg/L	200	10/12/2018 3:31:22 AM	R54823
Nitrogen, Nitrite (As N)	ND	0.50		mg/L	5	10/10/2018 7:26:00 PM	R54788
Bromide	1.5	0.50		mg/L	5	10/10/2018 7:26:00 PM	R54788
Nitrogen, Nitrate (As N)	ND	0.50		mg/L	5	10/10/2018 7:26:00 PM	R54788
Phosphorus, Orthophosphate (As P)	ND	10		mg/L	20	10/10/2018 7:38:25 PM	R54788
Sulfate	6100	100	*	mg/L	200	10/12/2018 3:31:22 AM	R54823
SM2510B: SPECIFIC CONDUCTANCE							Analyst: MRA
Conductivity	13000	10		µmhos/c	2	10/15/2018 3:53:19 PM	R54896
SM2540C MOD: TOTAL DISSOLVED SOLIDS							Analyst: KS
Total Dissolved Solids	10200	200	*D	mg/L	1	10/15/2018 4:39:00 PM	40981
SM4500-H+B / 9040C: PH							Analyst: MRA
pH	7.93		H	pH units	1	10/11/2018 3:01:50 PM	R54833
EPA METHOD 200.7: METALS							Analyst: JLF
Calcium	1100	100		mg/L	100	10/16/2018 7:07:08 PM	40970
Magnesium	72	10		mg/L	10	10/16/2018 7:03:08 PM	40970
Potassium	320	10		mg/L	10	10/16/2018 7:03:08 PM	40970
Sodium	3300	100		mg/L	100	10/16/2018 7:07:08 PM	40970

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank	Page 2 of 0
	D	Sample Diluted Due to Matrix	E	Value above quantitation range	
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range	
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit	
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified	

ENCLOSURE G: NMOSE POINT OF DIVERSIONS



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
SJ 01710	SJ	SJ		1	3	25	23N	09W		252985	4009203*	1239	550	173	377
SJ 00001	SJ	SJ		4	1	12	23N	09W		253534	4014427*	4150	695	630	65
SJ 01709	SJ	SJ		1	1	27	23N	08W		259451	4009831*	5865	317	225	92
SJ 01706	SJ	SJ		3	4	12	22N	09W		253627	4003944*	6333	762	362	400
SJ 03978 POD1	SJ	SJ		1	2	1	22	23N	08W	259816	4011541	6341	500	260	240
SJ 02686	SJ	SJ		3	4	2	32	24N	08W	257502	4017472*	8183	690	690	0
SJ 04195 POD1	SJ	SJ		1	3	11	23N	08W		261123	4013544	8200	700	290	410
SJ 01712	SJ	SJ		2	4	27	24N	09W		251195	4018933*	8983	528	515	13
SJ 00144	SJ	SJ		1	1	3	31	23N	09W	244786	4007922*	9125	100		

Average Depth to Water: **393 feet**

Minimum Depth: **173 feet**

Maximum Depth: **690 feet**

Record Count: 9

UTMNAD83 Radius Search (in meters):

Easting (X): 253602

Northing (Y): 4010277.51

Radius: 10000

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

2/24/21 1:25 PM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER

ENCLOSURE H: TRIPLE COMBO LOG

Composite Log

Company	Enduring Resources	Company	Enduring Resources
Well	West Lybrook unit 2309-24N WSW	Well	West Lybrook unit 2309-24N WSW
Field	West Lybrook	Field	West Lybrook
County	San Juan	County	San Juan
State	New Mexico	State	New Mexico
Location:	API # : SJ-4301 POD 3	Location:	API # : SJ-4301 POD 3
Permanent Datum	Ground Level	Permanent Datum	Ground Level
Log Measured From	KB , 17 ft. above perm. datum	Log Measured From	KB , 17 ft. above perm. datum
Drilling Measured From	Kelly Bushing	Drilling Measured From	Kelly Bushing
Section 24, Township 23N, Range 09W		Section 24, Township 23N, Range 09W	
IAT / SGR / MEL		IAT / SGR / MEL	
Elevation	K.B. 6887.5' ft. D.F. 6886.5' ft. G.L. 6870' ft.	Elevation	K.B. 6887.5' ft. D.F. 6886.5' ft. G.L. 6870' ft.
Date	01/15/2019	Date	01/15/2019
Run Number	One	Run Number	One
Depth Driller	7408'	Depth Driller	7408'
Depth Logger	7403'	Depth Logger	7403'
Bottom Logged Interval	7392'	Bottom Logged Interval	7392'
Top Log Interval	406'	Top Log Interval	406'
Casing Driller	13.375" @ 406'	Casing Driller	13.375" @ 406'
Casing Logger	402'	Casing Logger	402'
Bit Size	8.750"	Bit Size	8.750"
Type Fluid in Hole	Brine	Type Fluid in Hole	Brine
Density / Viscosity	9.4 / 39	Density / Viscosity	9.4 / 39
pl. Fluid Loss	7 / 36	pl. Fluid Loss	7 / 36
Service of Sample	Mud Tank	Service of Sample	Mud Tank
R @ Meas. Temp	.188 @ 75 ° F	R @ Meas. Temp	.188 @ 75 ° F
R @ Meas. Temp	.141 @ 75 ° F	R @ Meas. Temp	.141 @ 75 ° F
R @ Meas. Temp	.235 @ 75 ° F	R @ Meas. Temp	.235 @ 75 ° F
Service of Rm / Rmc	Calculated	Service of Rm / Rmc	Calculated
R @ BHT	.097 @ 152 ° F	R @ BHT	.097 @ 152 ° F
Time Circulation Stopped	01/15/2019 @ 02:00	Time Circulation Stopped	01/15/2019 @ 02:00
Time Logger on Bottom	01/15/2019 @ 10:00	Time Logger on Bottom	01/15/2019 @ 10:00
Minimum Recorded Temperature	159 ° F	Minimum Recorded Temperature	159 ° F
Equipment Number	11007	Equipment Number	11007
Location	Midland	Location	Midland
Recorded By	J. Trasti / A. DelaGarza	Recorded By	J. Trasti / A. DelaGarza
Witnessed By	A. Bridge	Witnessed By	A. Bridge

<<< Fold Here >>>

Equipment and Log Data

Service Order:

Gamma		Density		Neutron		Sonic		IAT/DLL	
Run No.	One	Run No.	One	Run No.	One	Run No.	One	Run No.	One
Serial No.	2700	Serial No.	0872	Serial No.	2541	Serial No.		Serial No.	110
O.D.	3.375 in.	Source No.	70997B	Source No.	59796G	Centralizers		Standoffs	@
		O.D.	4.5 in.	O.D.	3.375 in.	O.D.	3.375 in.	O.D.	3.875 in.

Logging Pass Data

General		Gamma		Density		Neutron		Sonic		IAT/DLL	
		Scales		Scales		Scales		Scales		Scales	
Run	Depths	Left	Right	Left	Right	Matrix	Left	Right	Matrix	Left	Right
One	0 7408	0	150	0.3	-0.1	2.71	0.3	-0.1	2.71		

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

Tools ran as per tool sketch
 CNL ran eccentralized using bowspring
 Annular Volume calculated using 7 in casing
 Chlorides reported at 2900 PPM
 10 in IAT curve affected by Chlorides

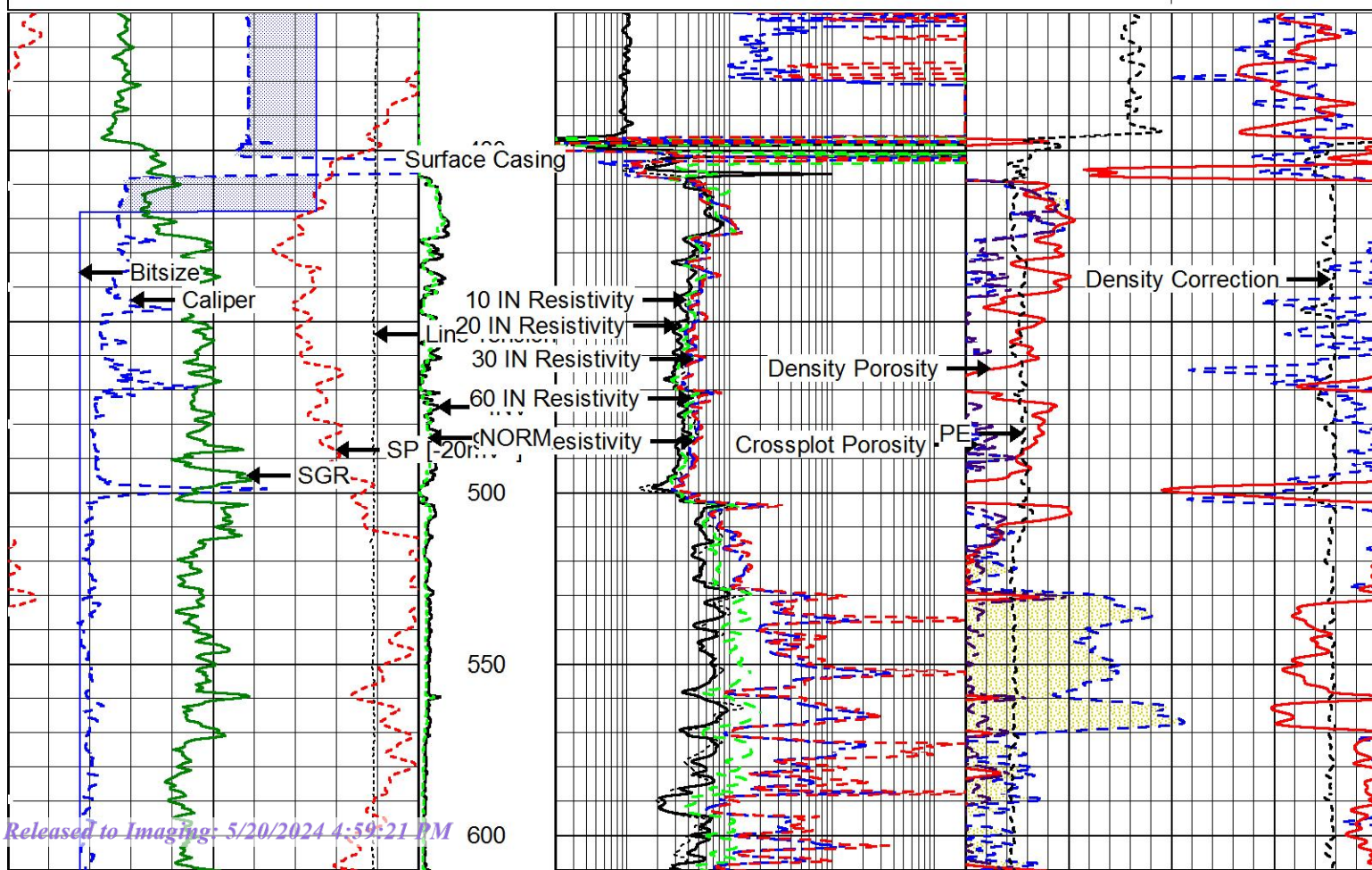
YOUR CREW TODAY: Jeremy Trasti, Alejandro de la Garza, Thomas Melson, Kindle Burket
THANK YOU FOR CHOOSING ALLIED WIRELINE. Midland, TX. (432) 897-1528.

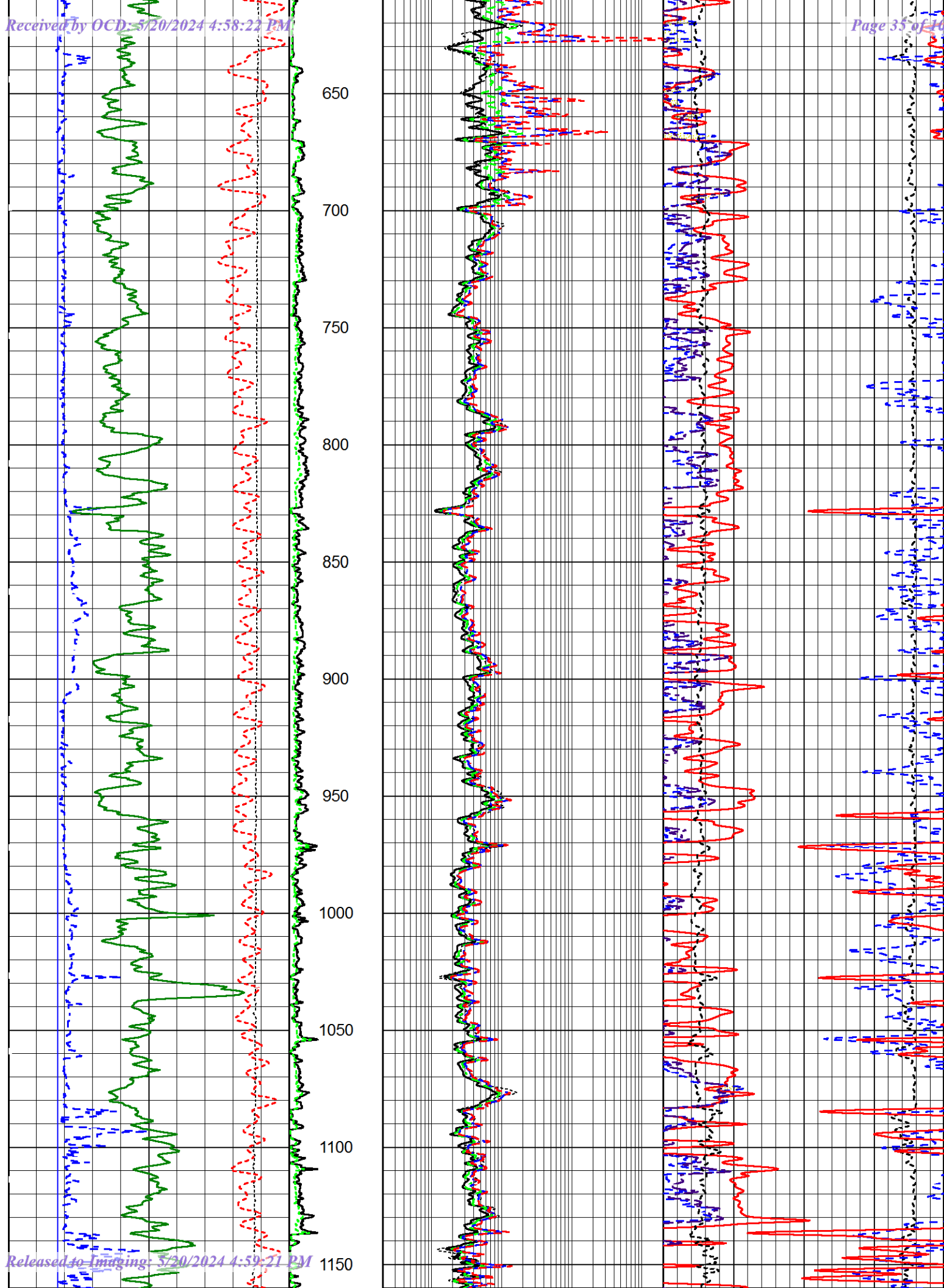


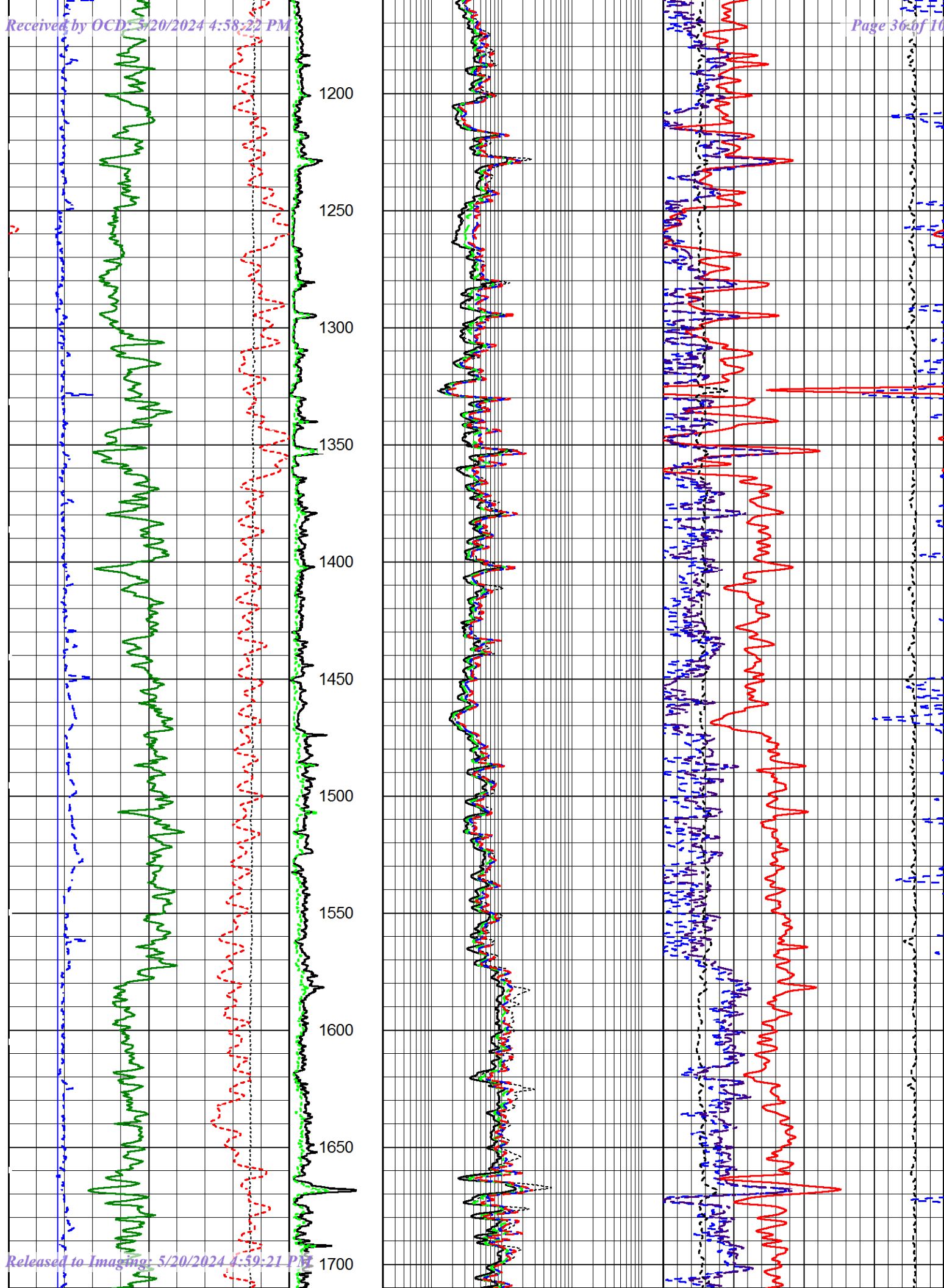
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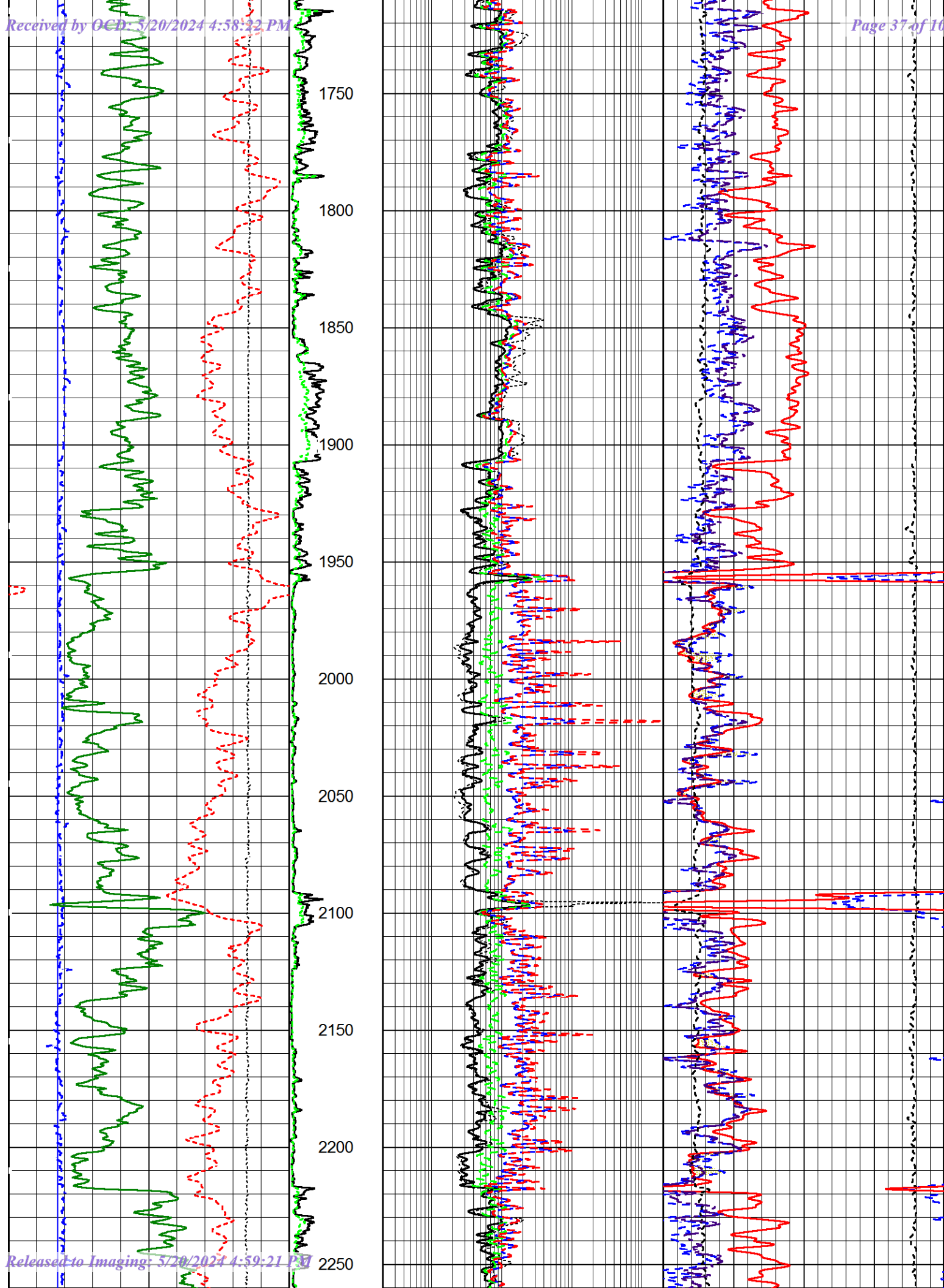
Database File enduringreswlybrook.db
Dataset Pathname West_Lybrook/well/run1/main
Presentation Format 3com_iat
Dataset Creation Tue Jan 15 15:23:37 2019
Charted by Depth in Feet scaled 1:600

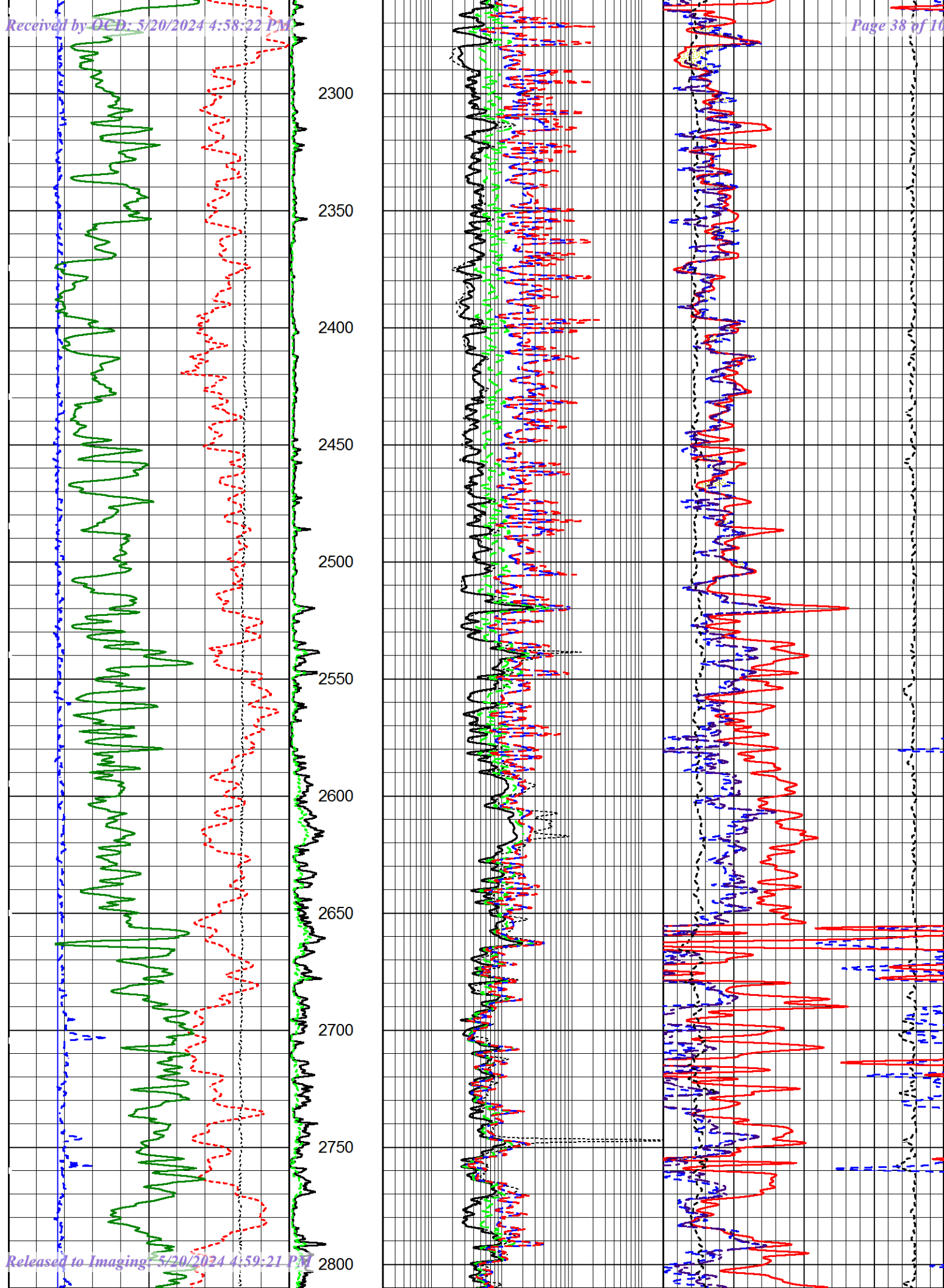
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7	Caliper (in)	17	(Ohm-m)	0.2	20 IN Resistivity (Ohm-m)	2000	0.3	(Porosity Decimal Fraction) -0.1
	SP [-20mV+]	0	20	0.2	30 IN Resistivity (Ohm-m)	2000	Density Porosity	
0	SGR (GAPI)	200	NORM	0.2	60 IN Resistivity (Ohm-m)	2000	0.3	(Porosity Decimal Fraction) -0.1
	Line Tension		(Ohm-m)	0.2	90 IN Resistivity (Ohm-m)	2000	Crossplot Porosity	
	5000 (lb)	0	0				0.3	(Porosity Decimal Fraction) -0.1
							0	PE 10 Density Correction
								0.8 (g/cc) -0.2

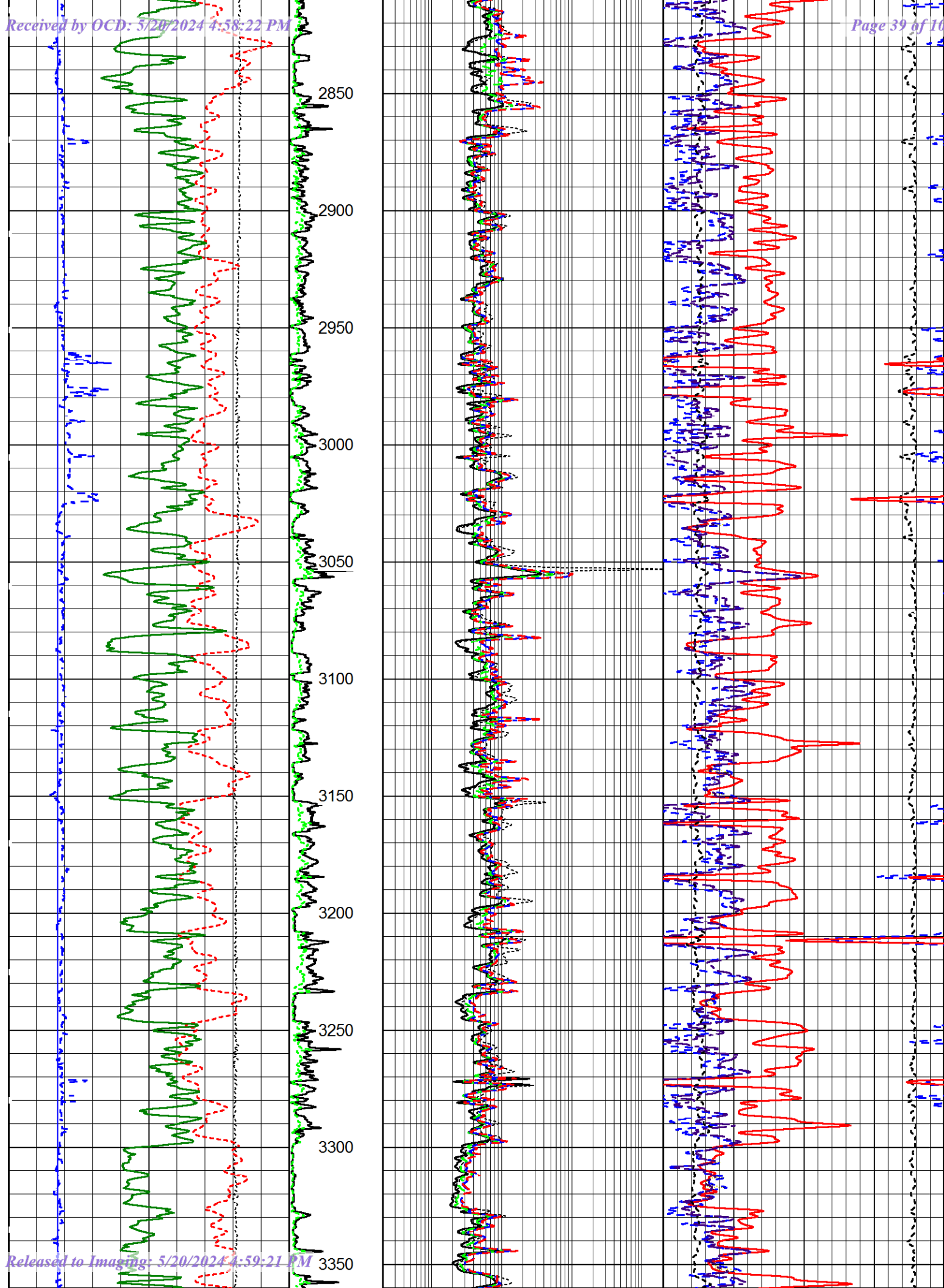


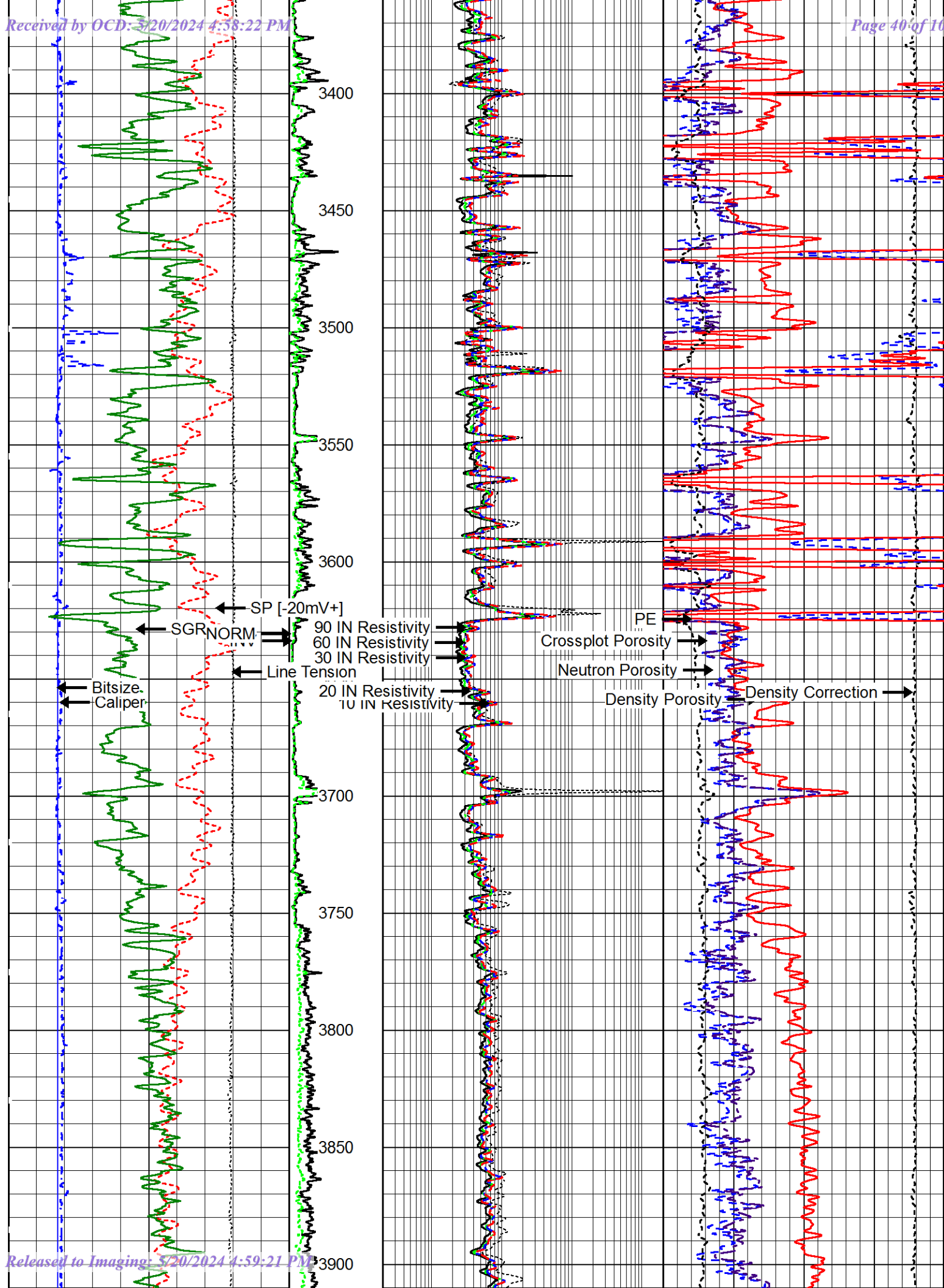


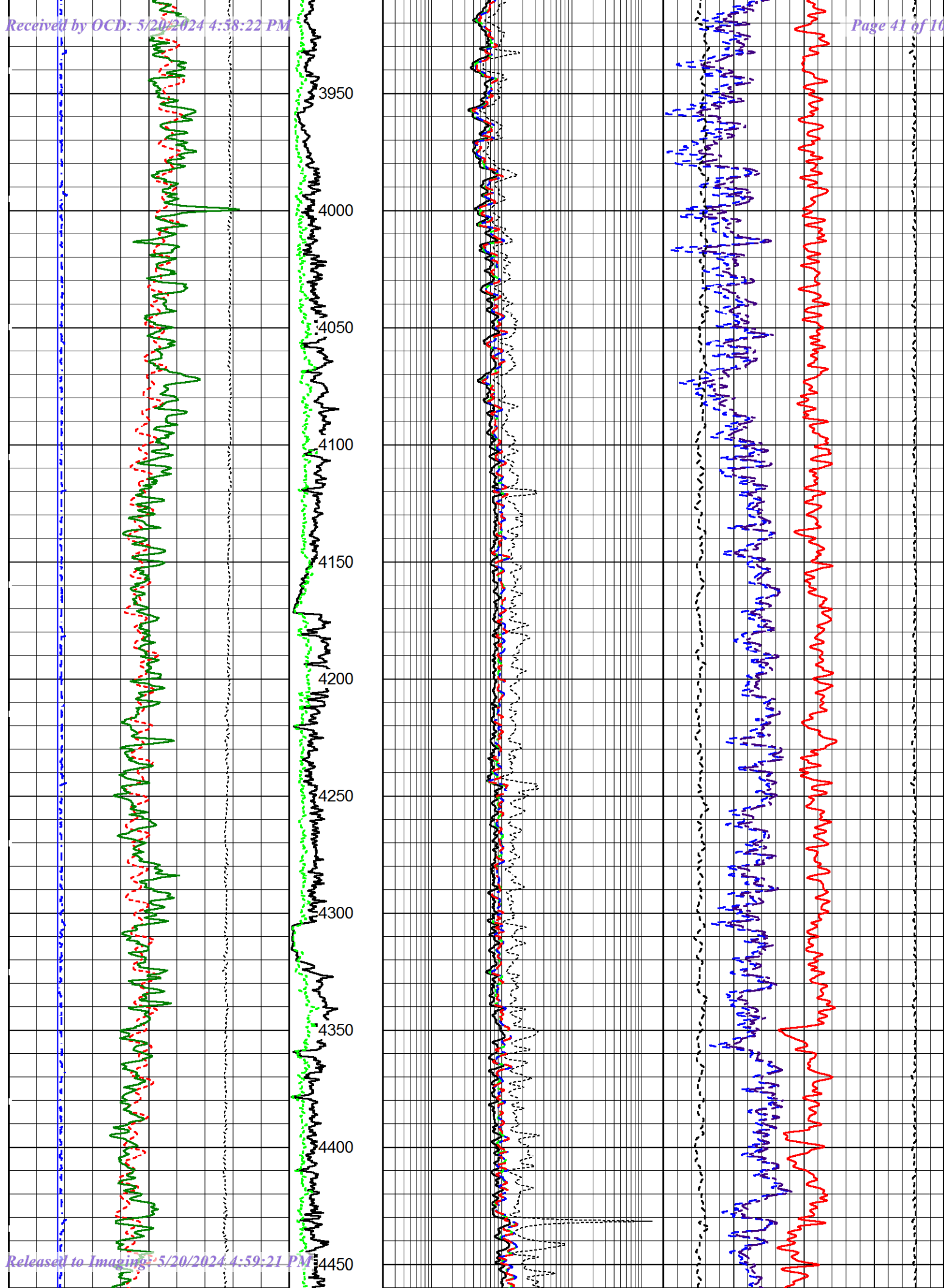


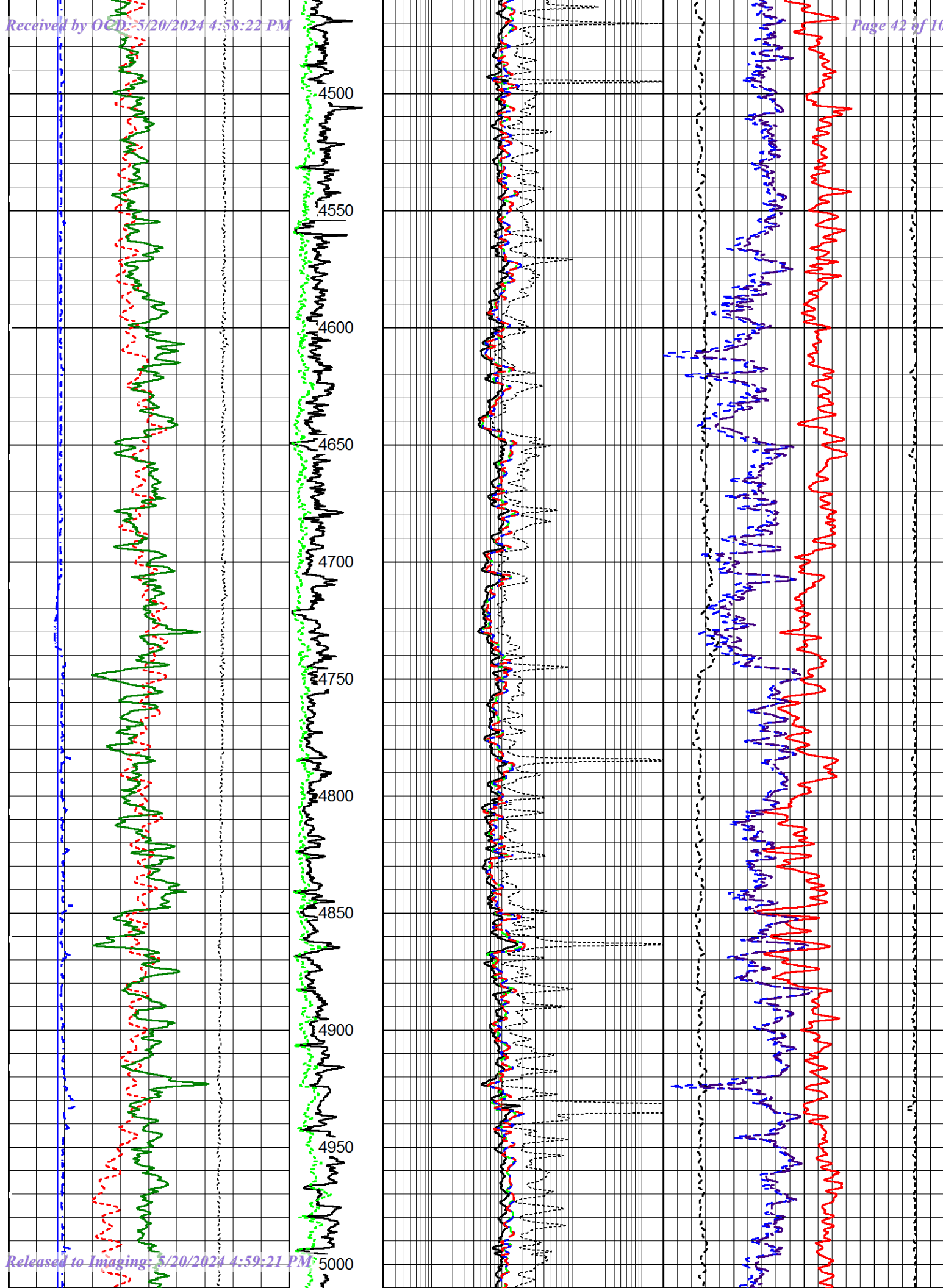


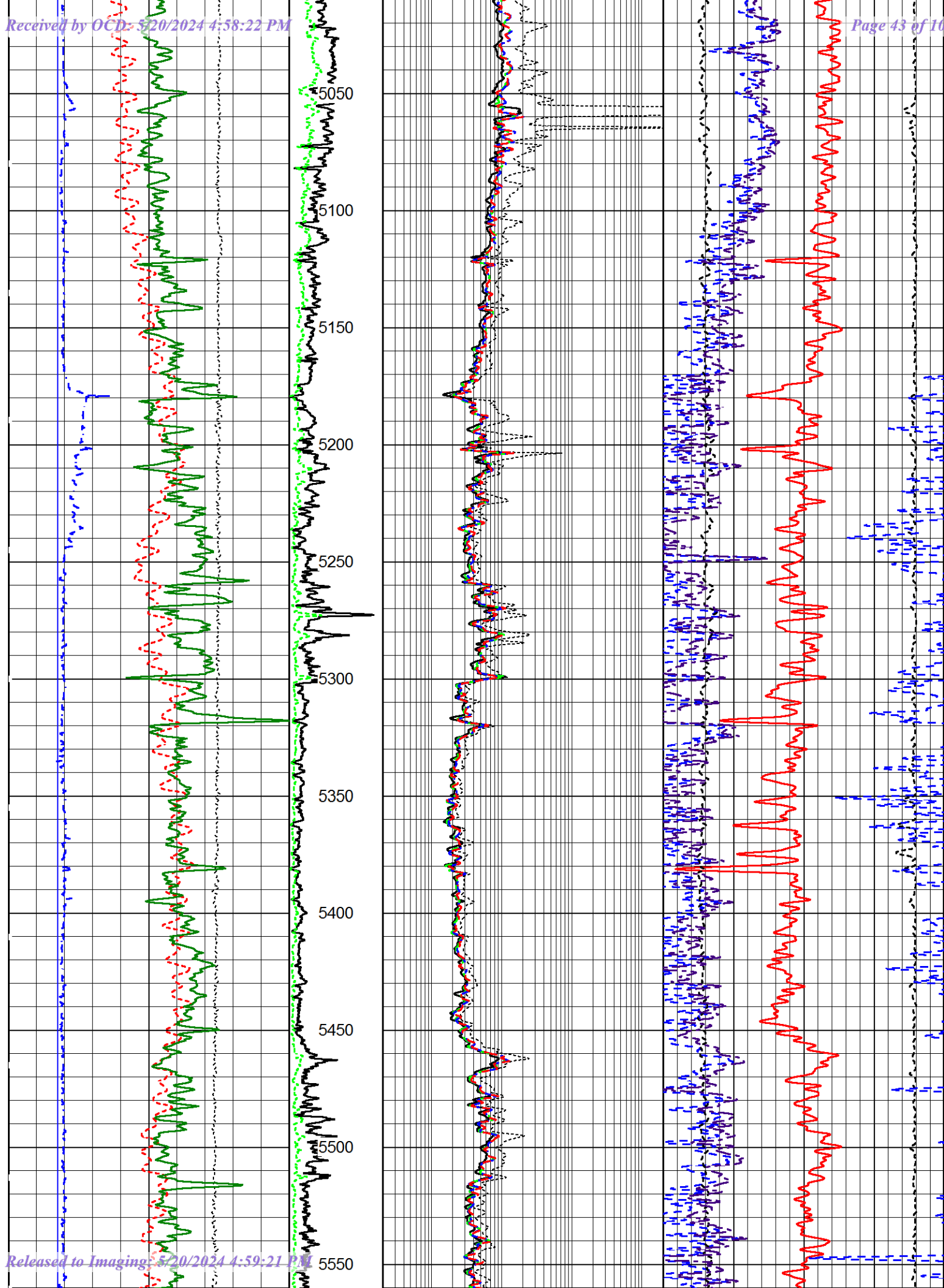


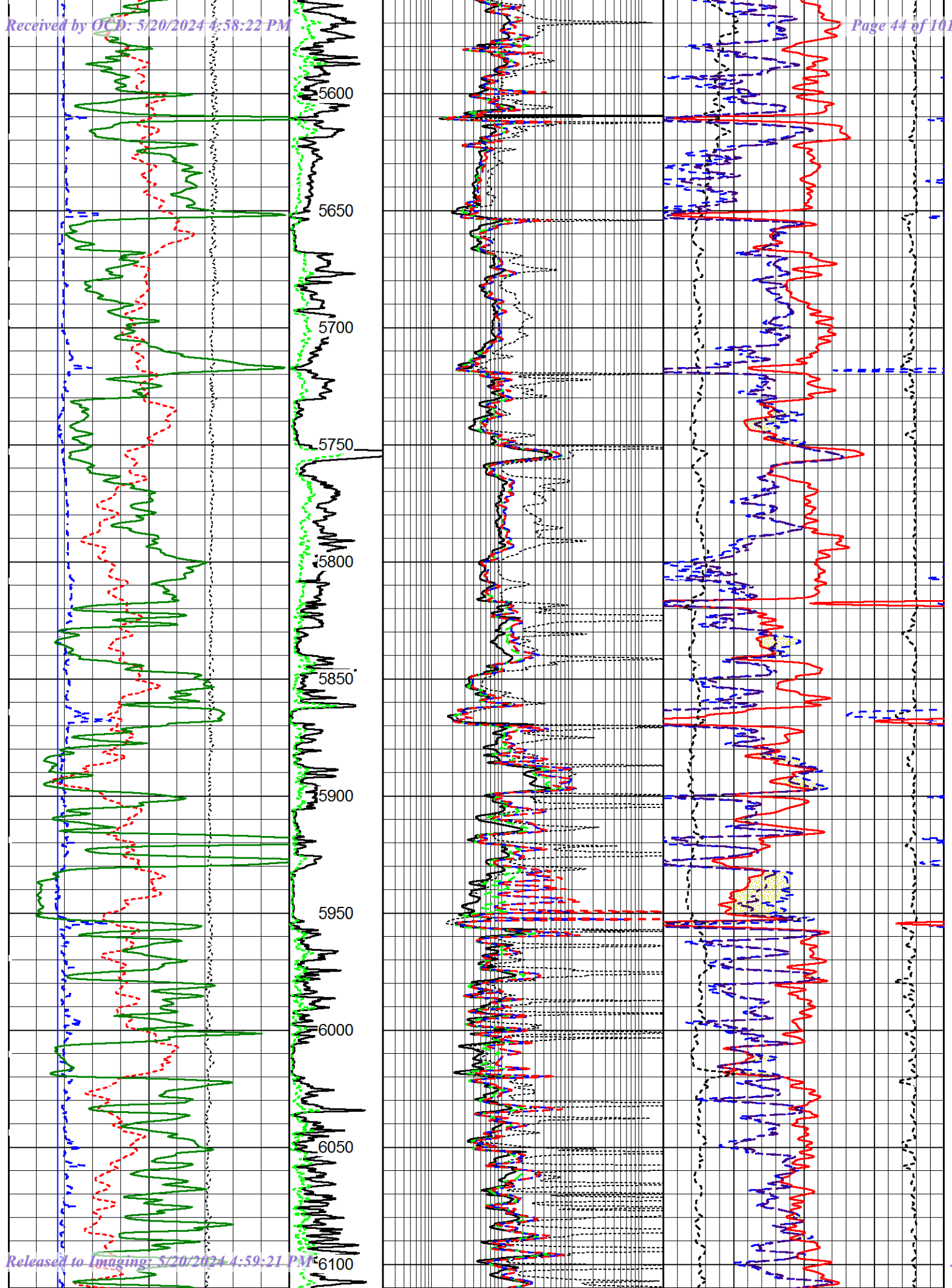


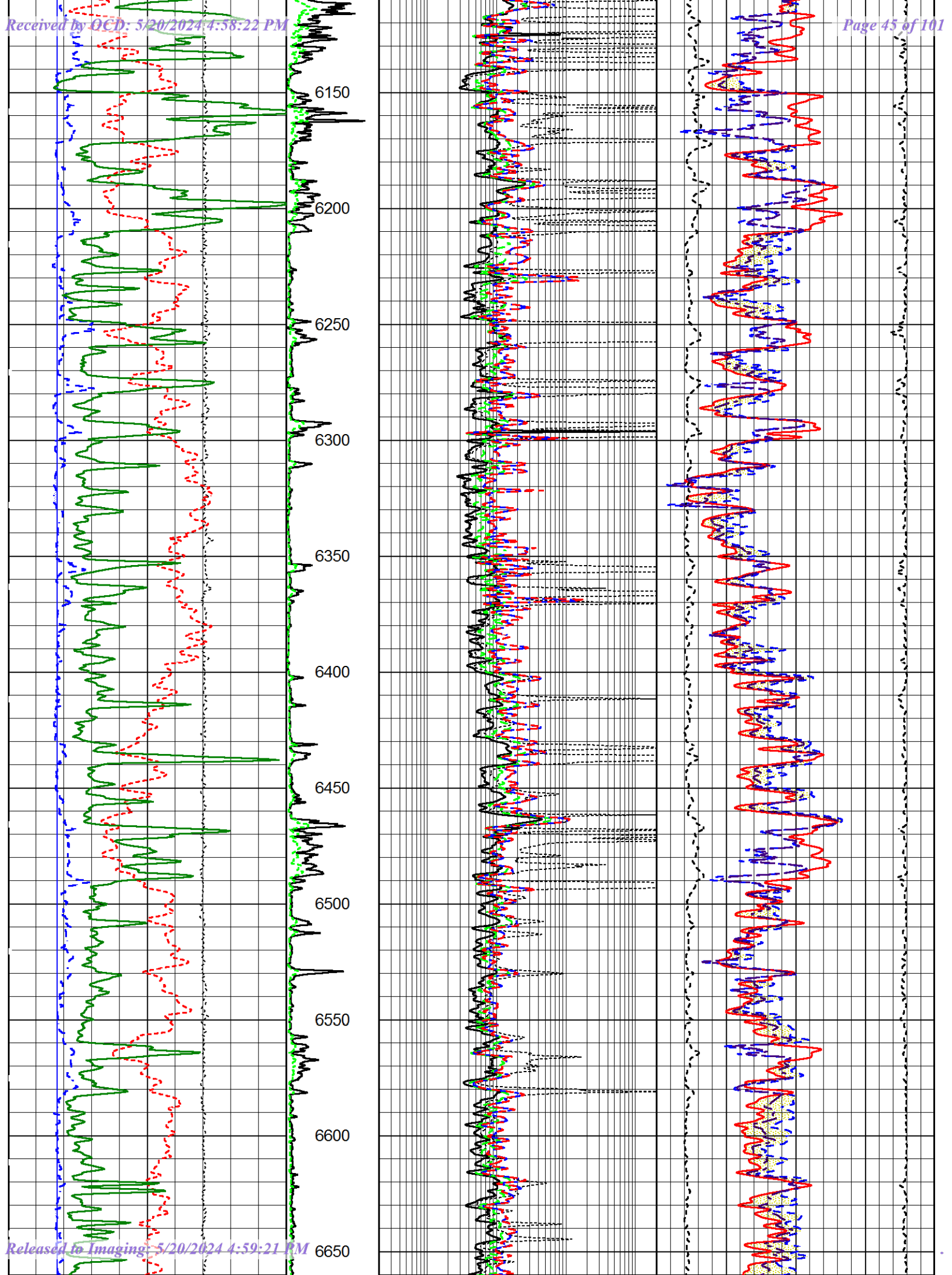


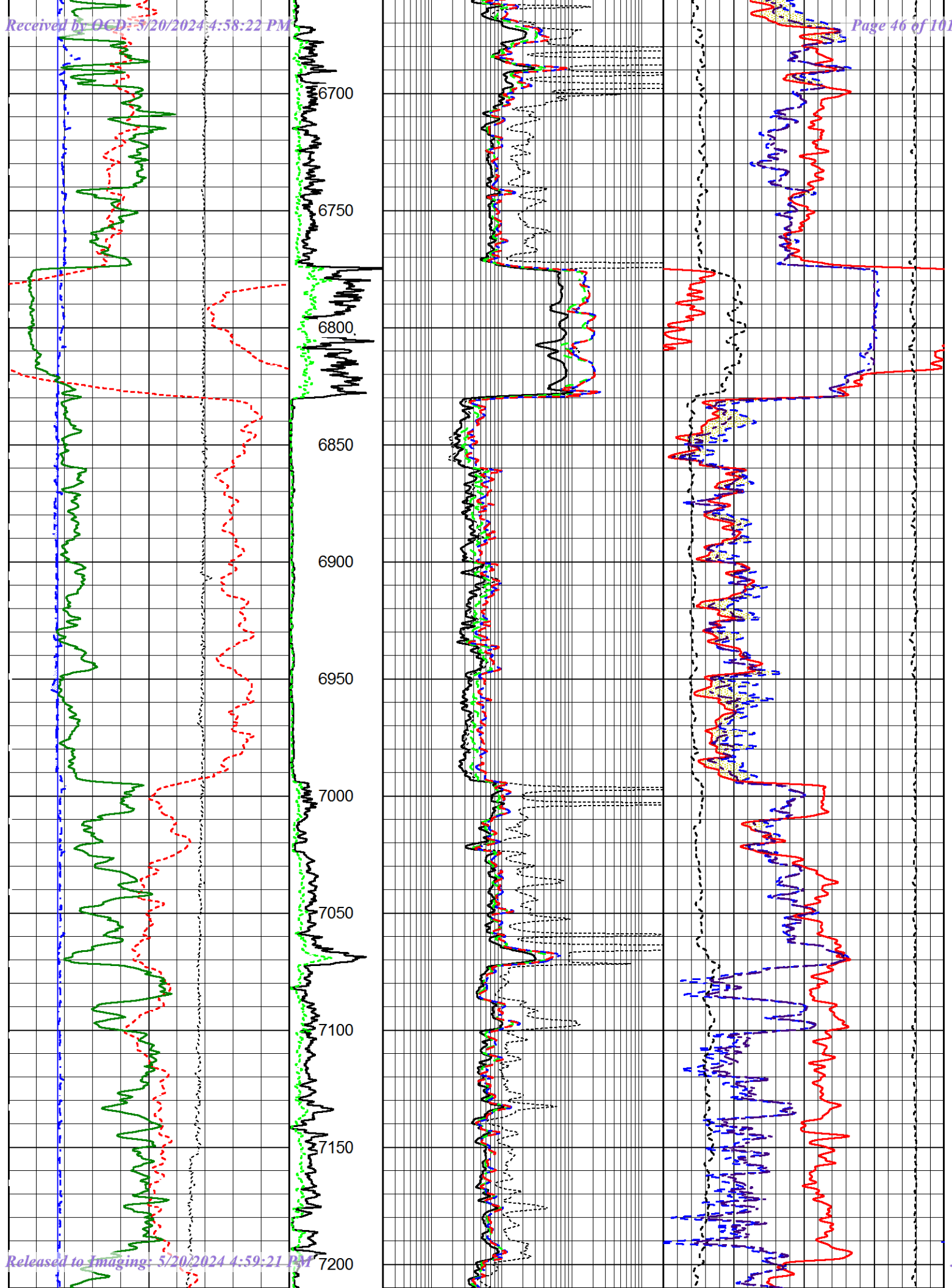


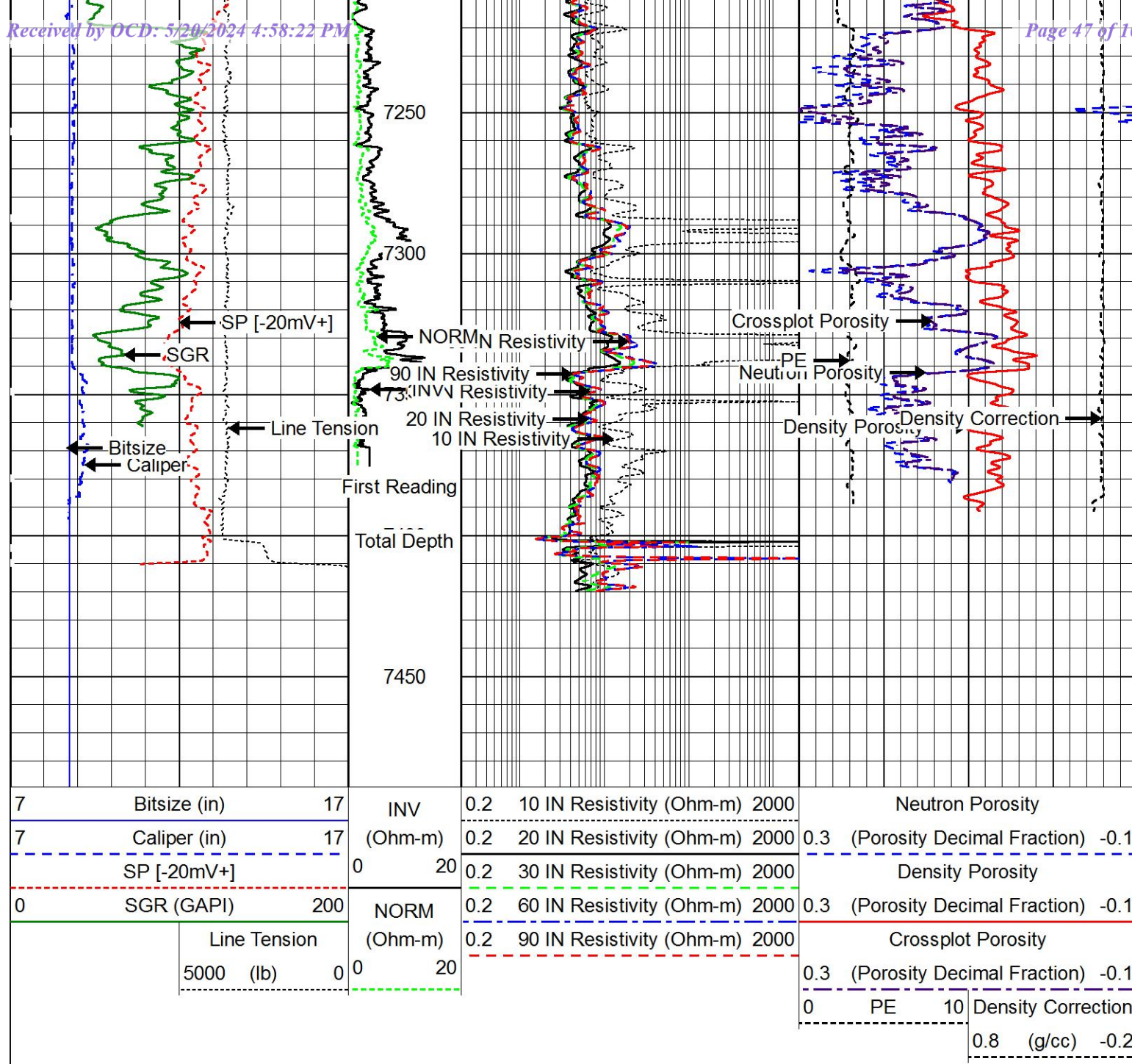












Main Pass

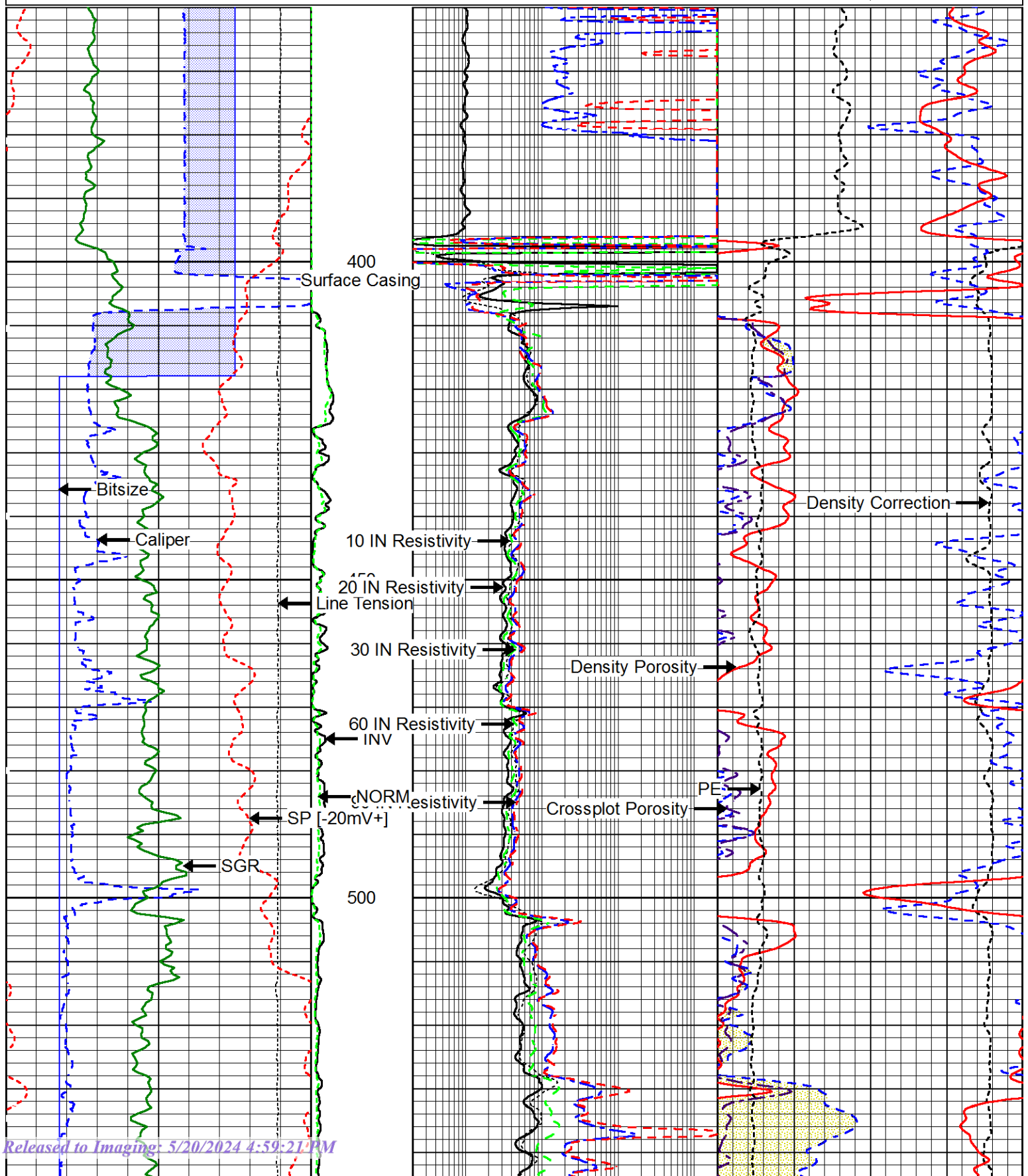


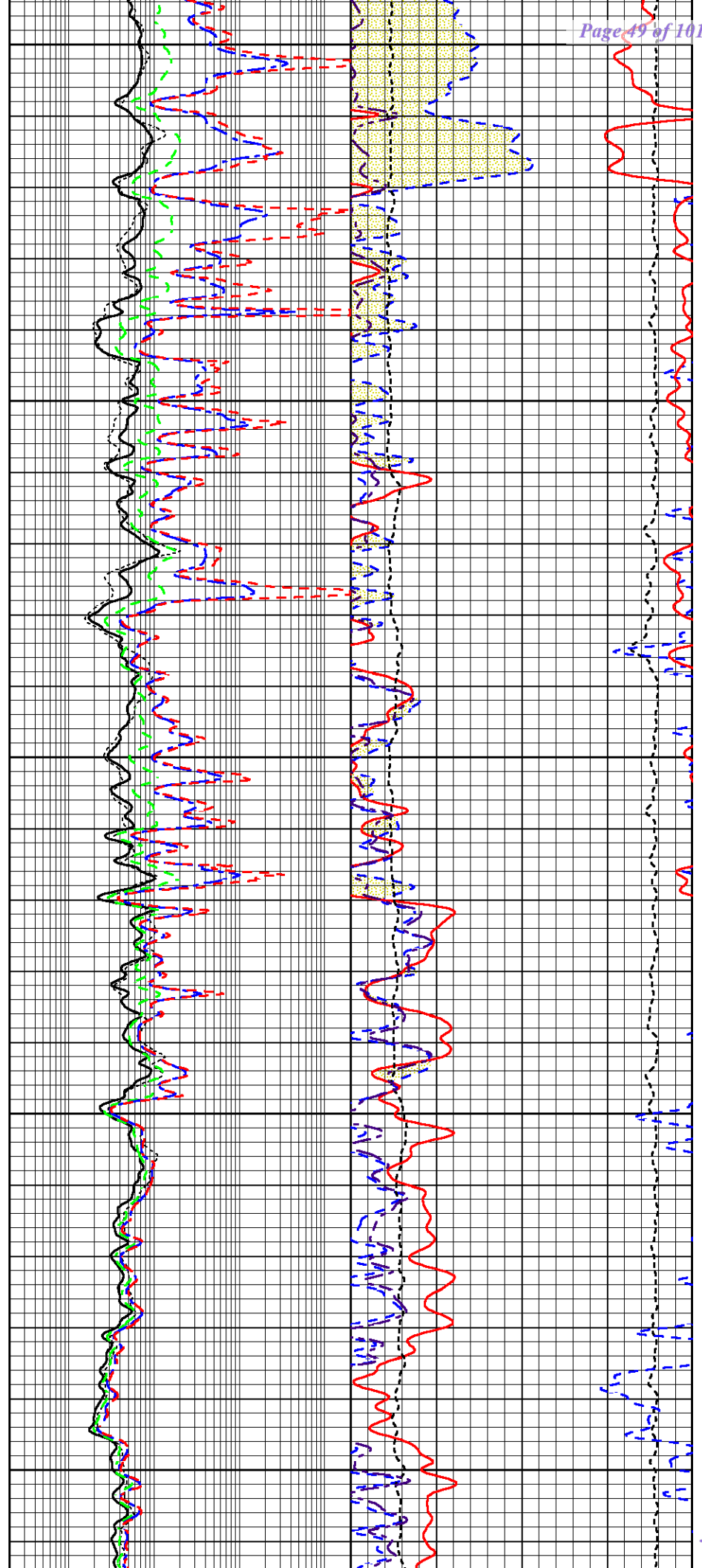
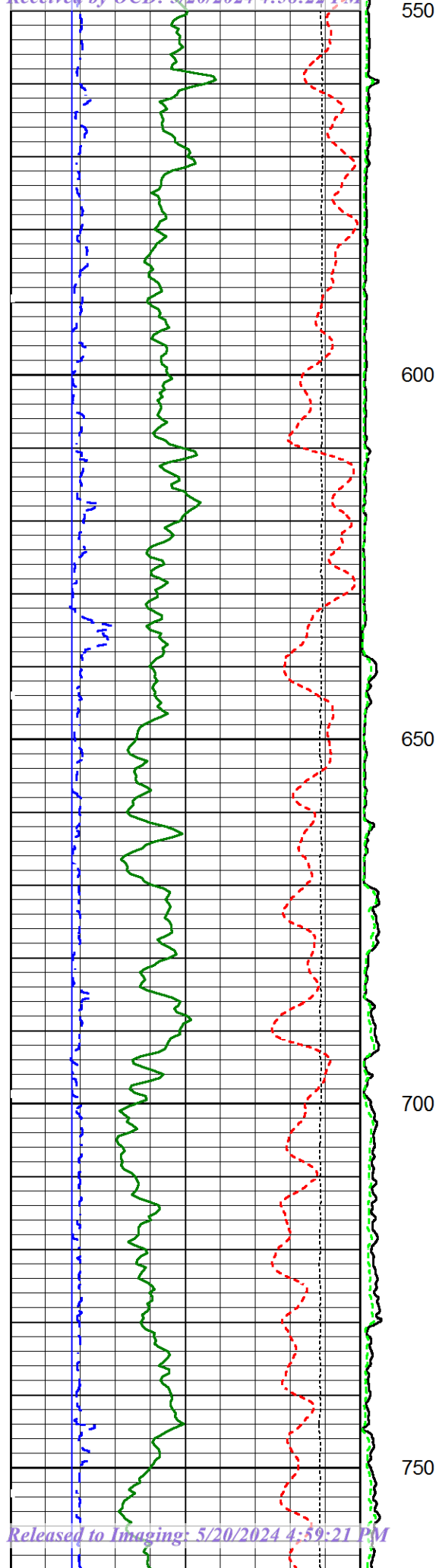
Main Pass

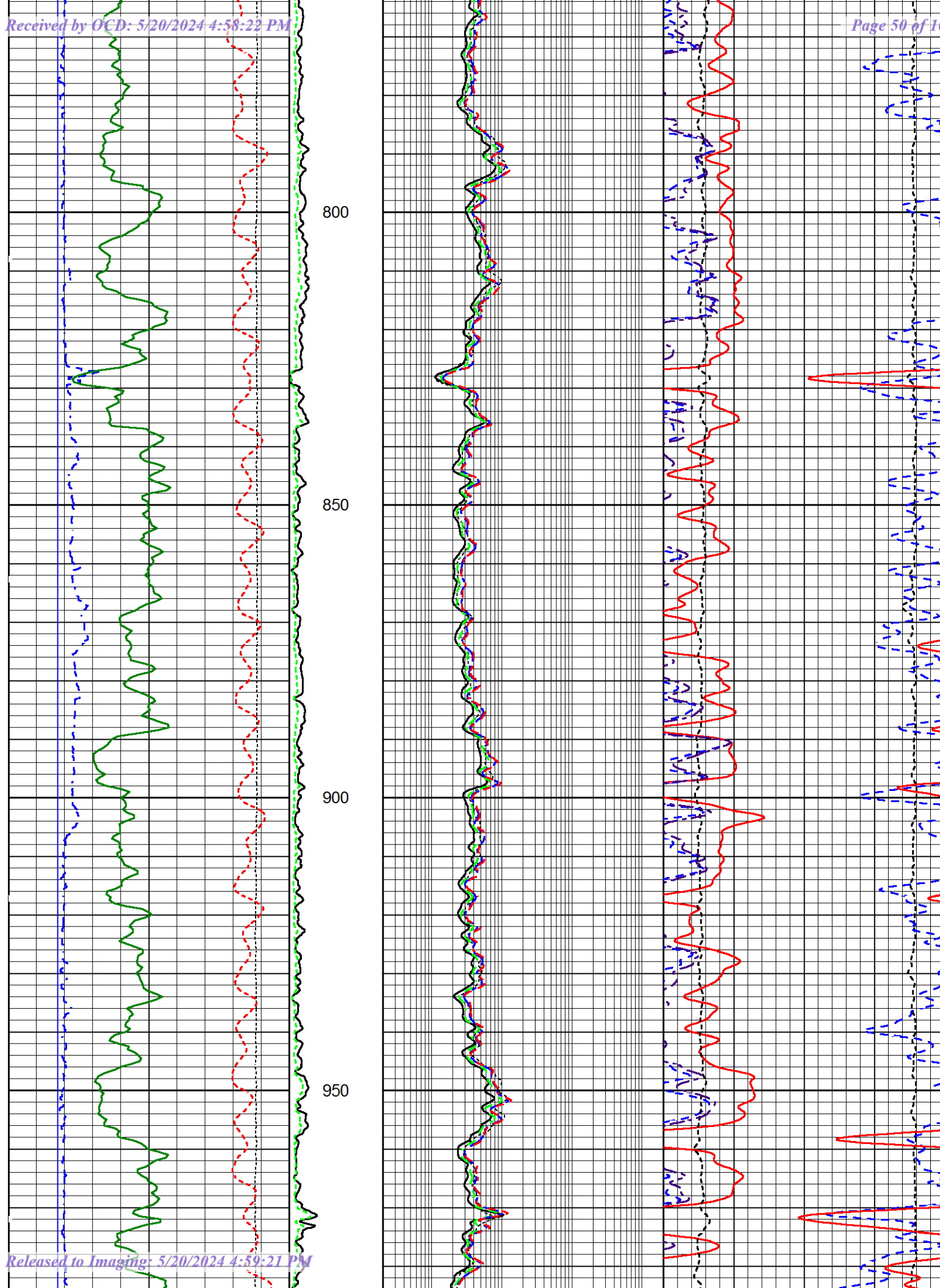
Database File: enduringreswlybrook.db
 Dataset Pathname: West_Lybrook/well/run1/main
 Presentation Format: 3com_iat
 Dataset Creation: Tue Jan 15 15:23:37 2019
 Charted by: Depth in Feet scaled 1:240

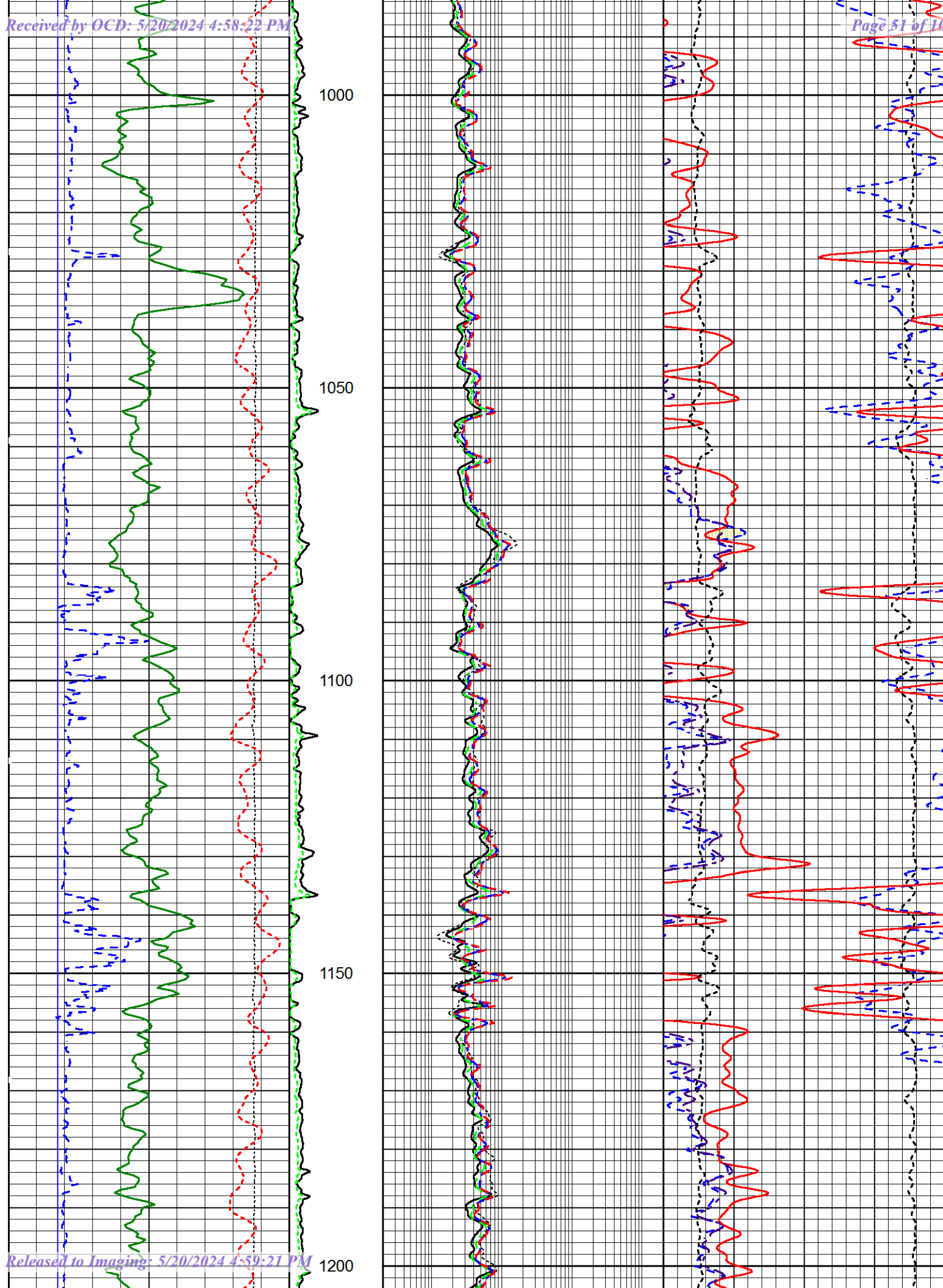
7	Bitsize (in)	17	INV	0.2	10 IN Resistivity (Ohm-m)	2000	Neutron Porosity
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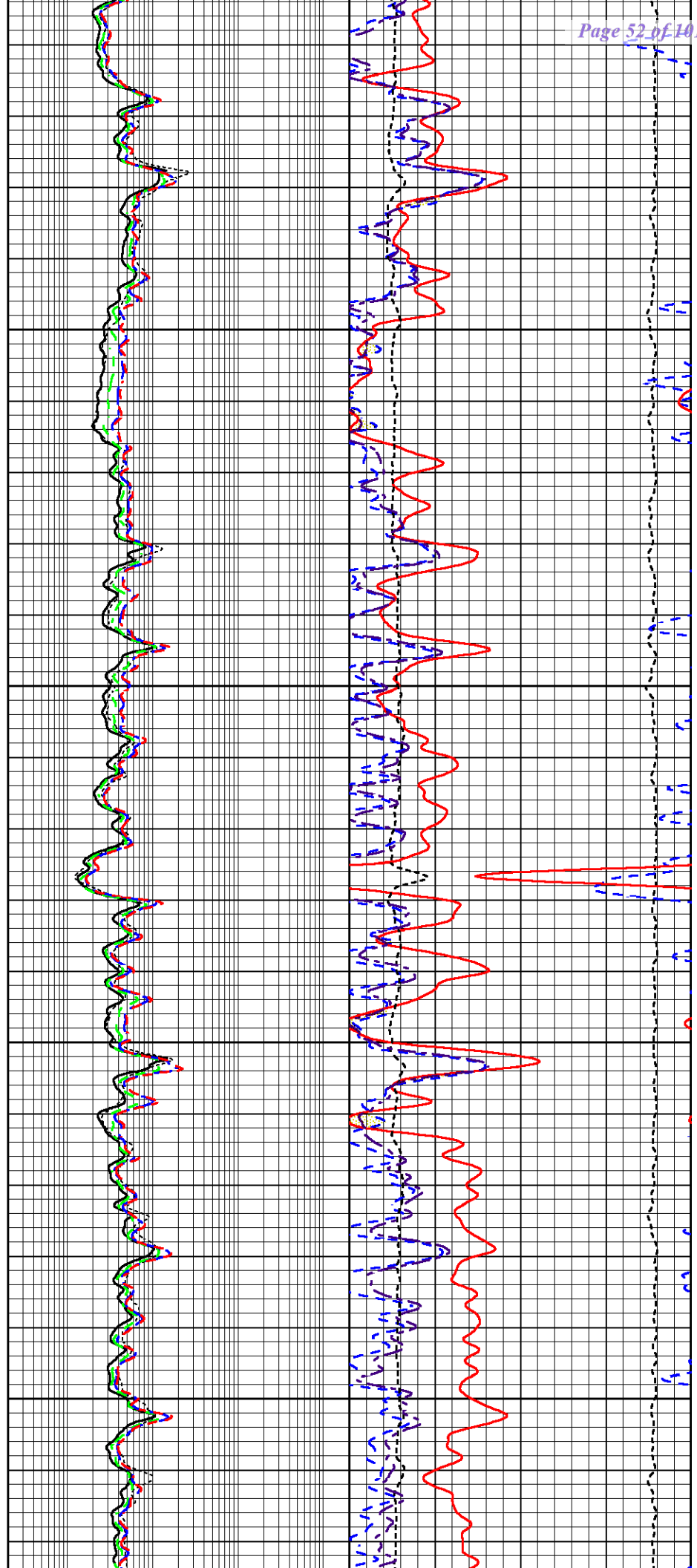
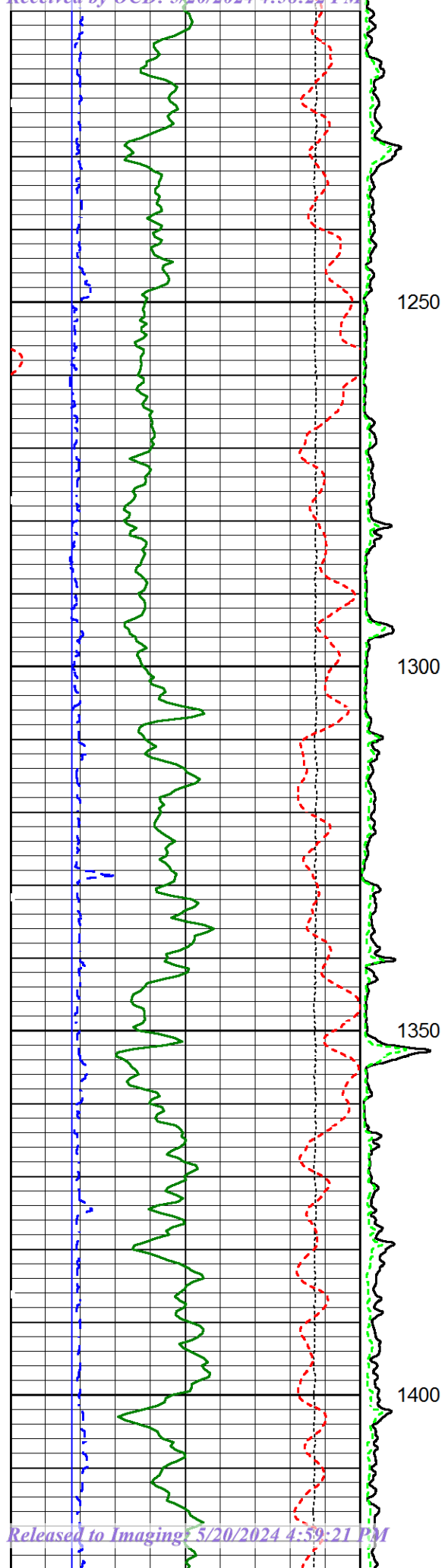
SP [-20mV+]		0	20	0.2 30 IN Resistivity (Ohm-m) 2000		Density Porosity	
SGR (GAPI)		0	200	0.2 60 IN Resistivity (Ohm-m) 2000		0.3 (Porosity Decimal Fraction) -0.1	
Line Tension		NORM		0.2 90 IN Resistivity (Ohm-m) 2000		Crossplot Porosity	
5000 (lb)		0	0			0.3 (Porosity Decimal Fraction) -0.1	
						0 PE 10 Density Correction	
						0.8 (g/cc) -0.2	

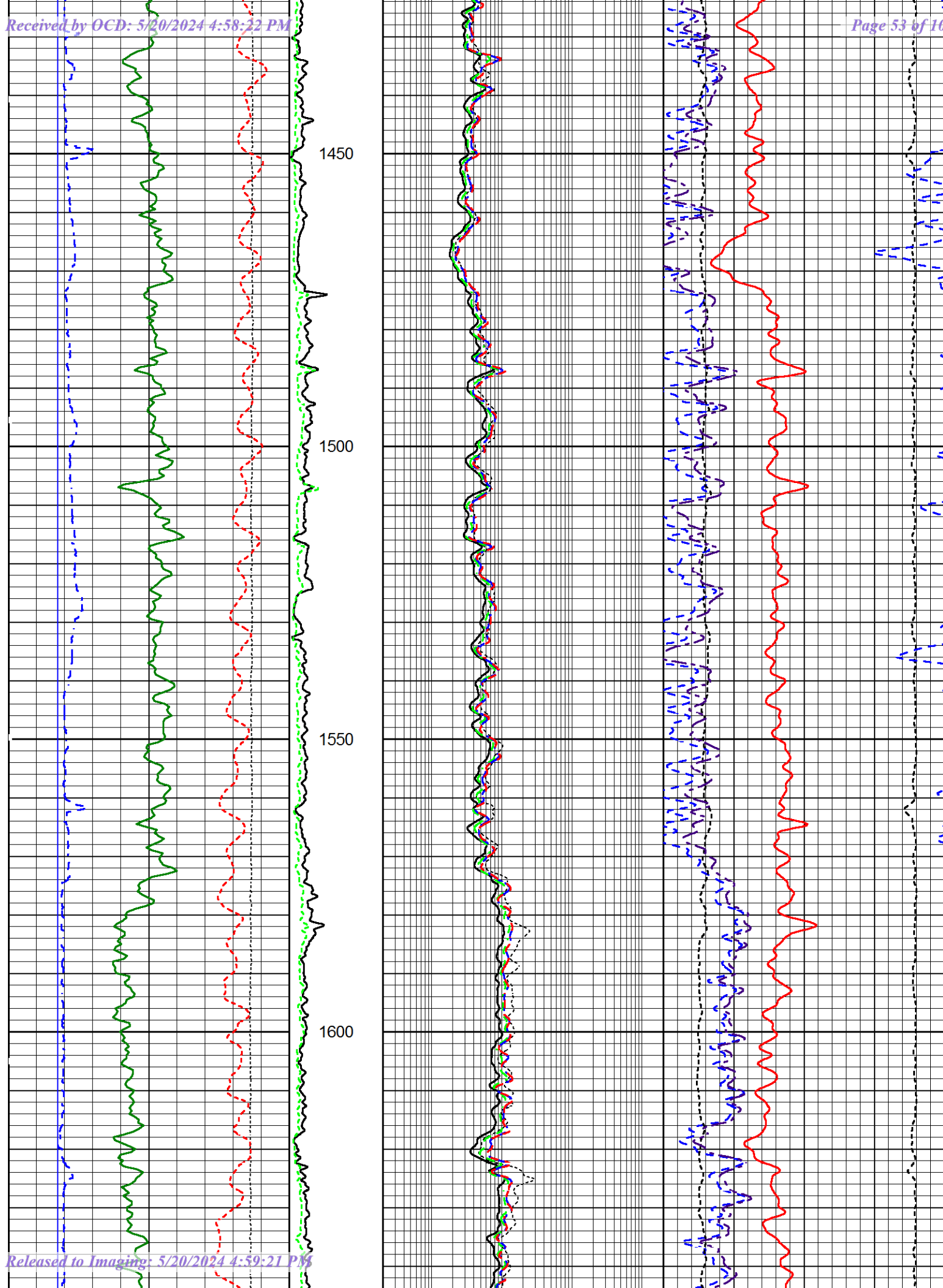


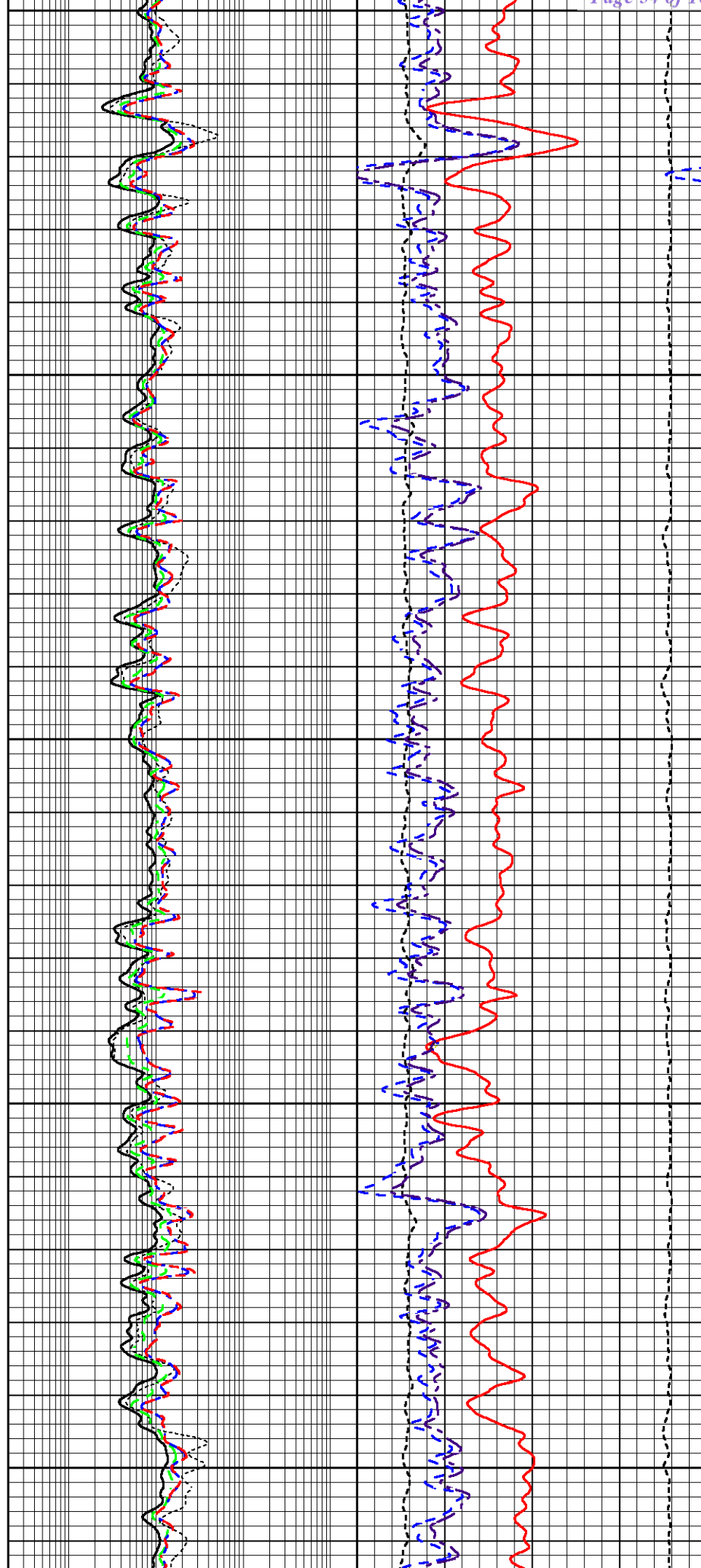
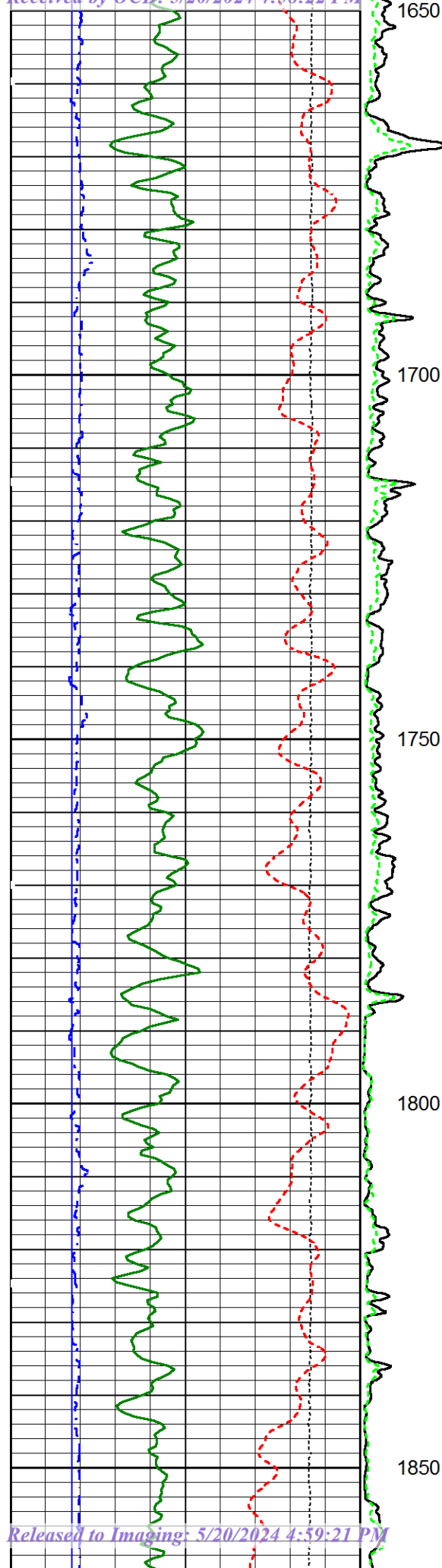


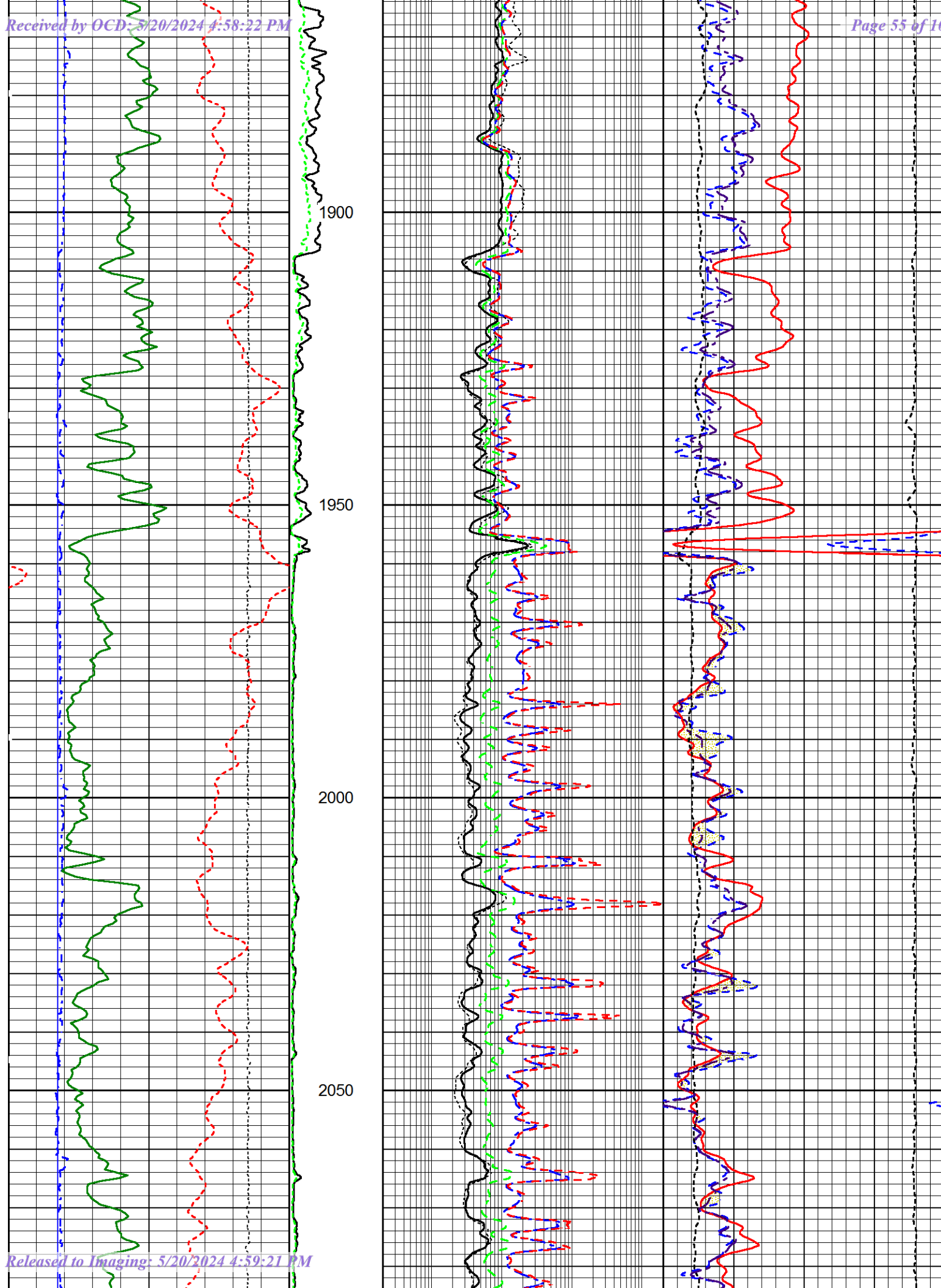


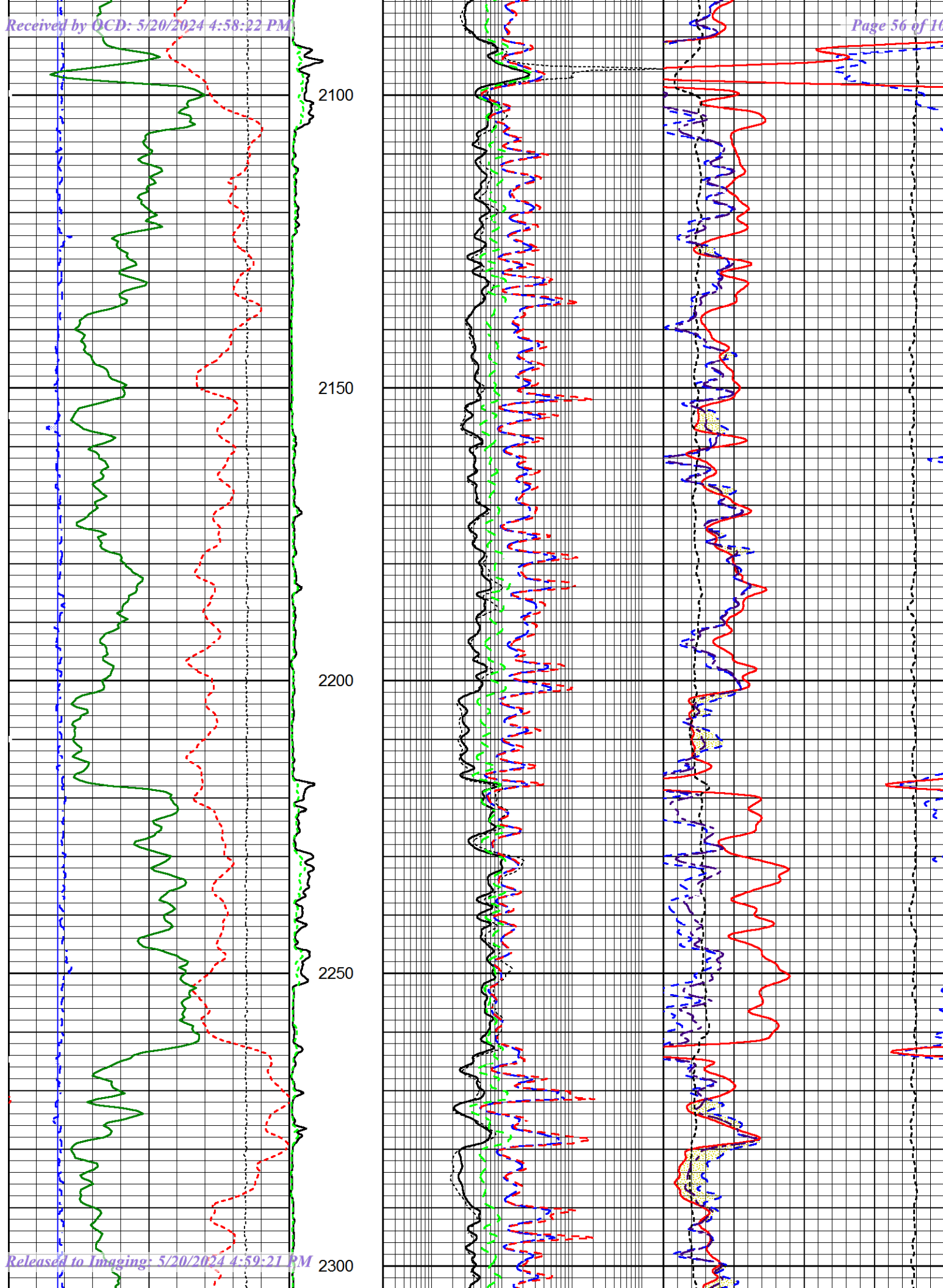


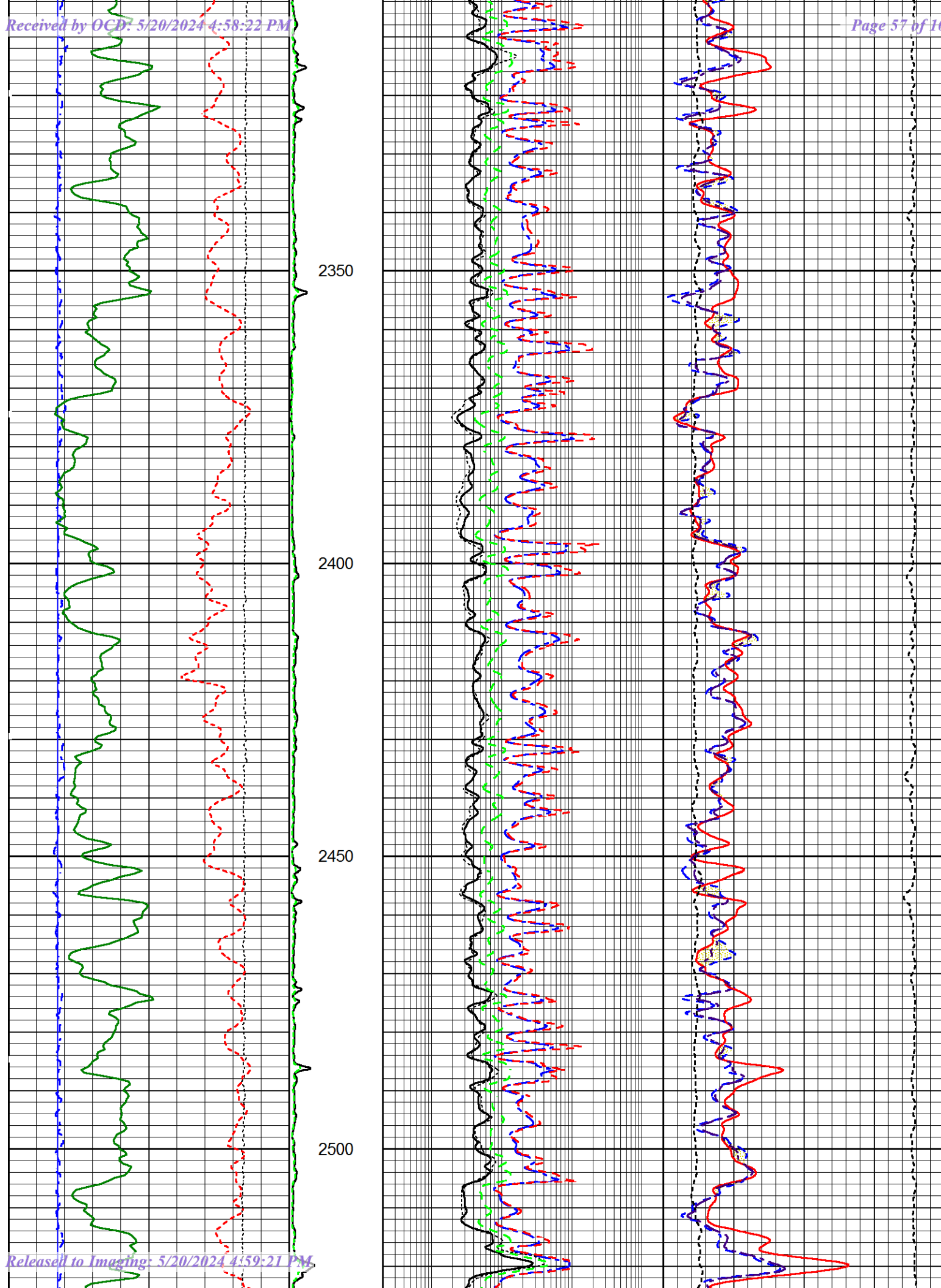


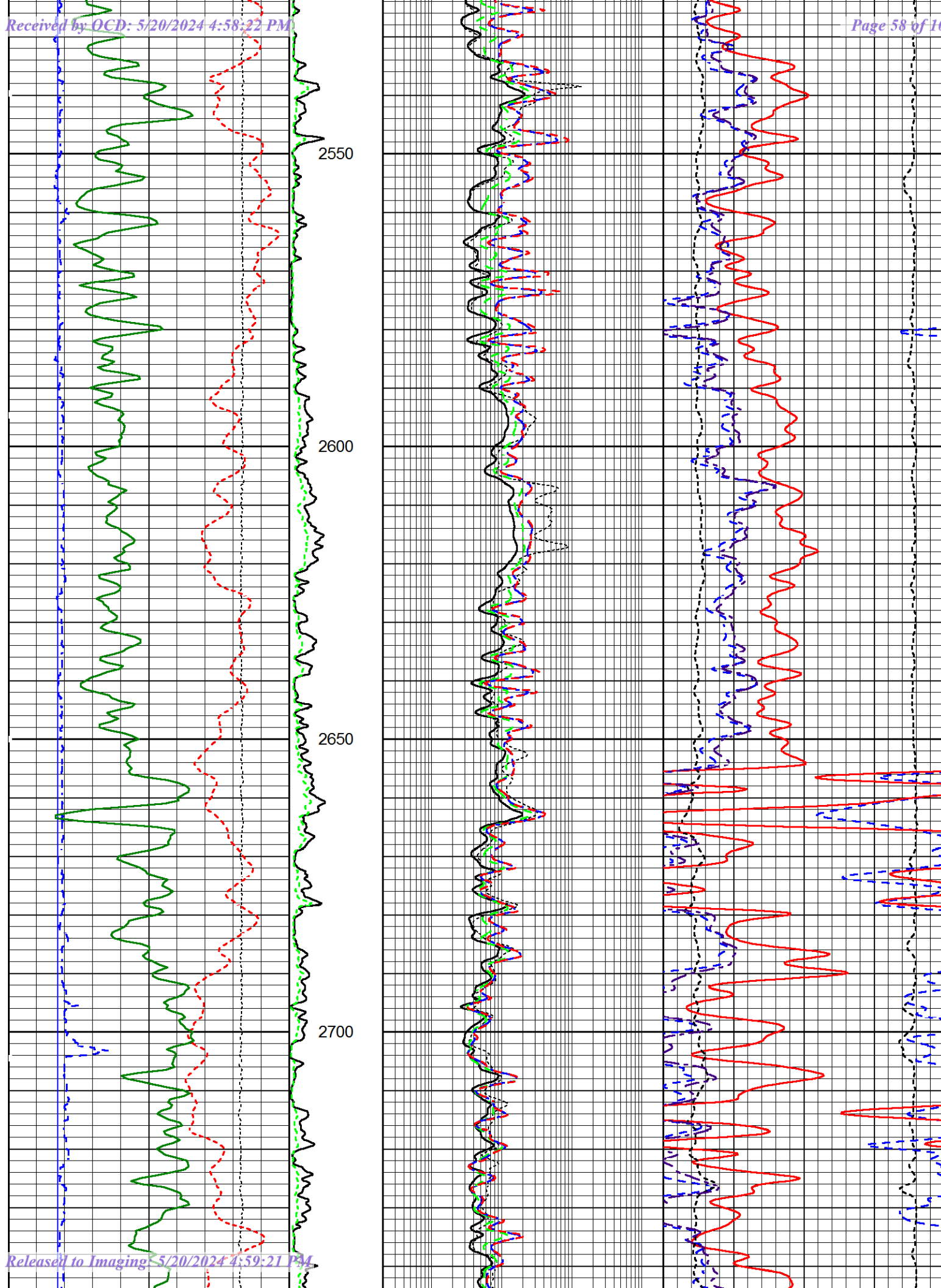


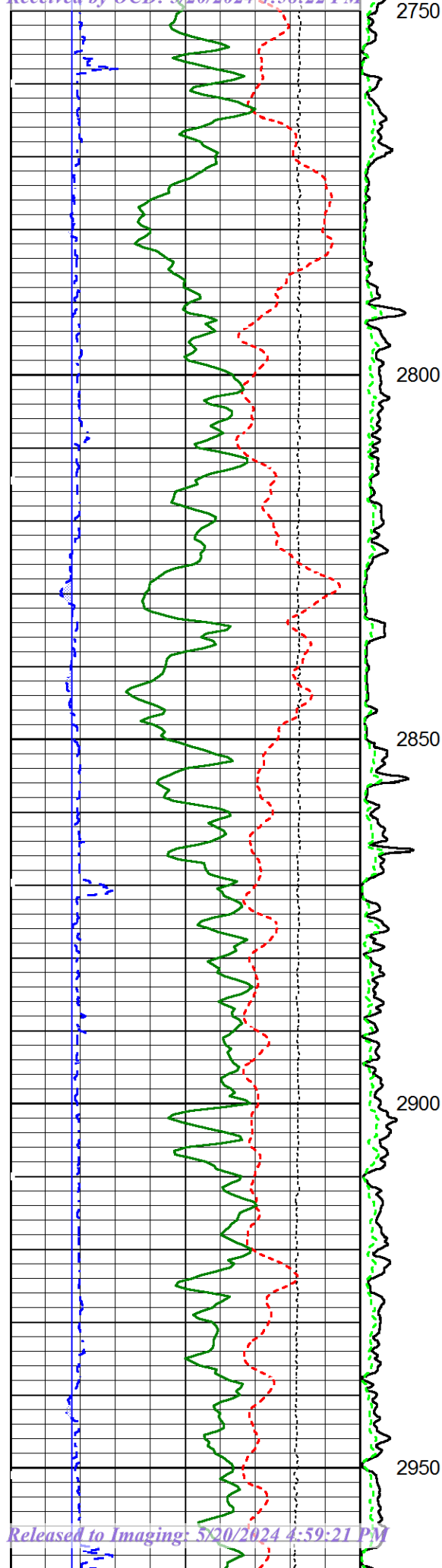


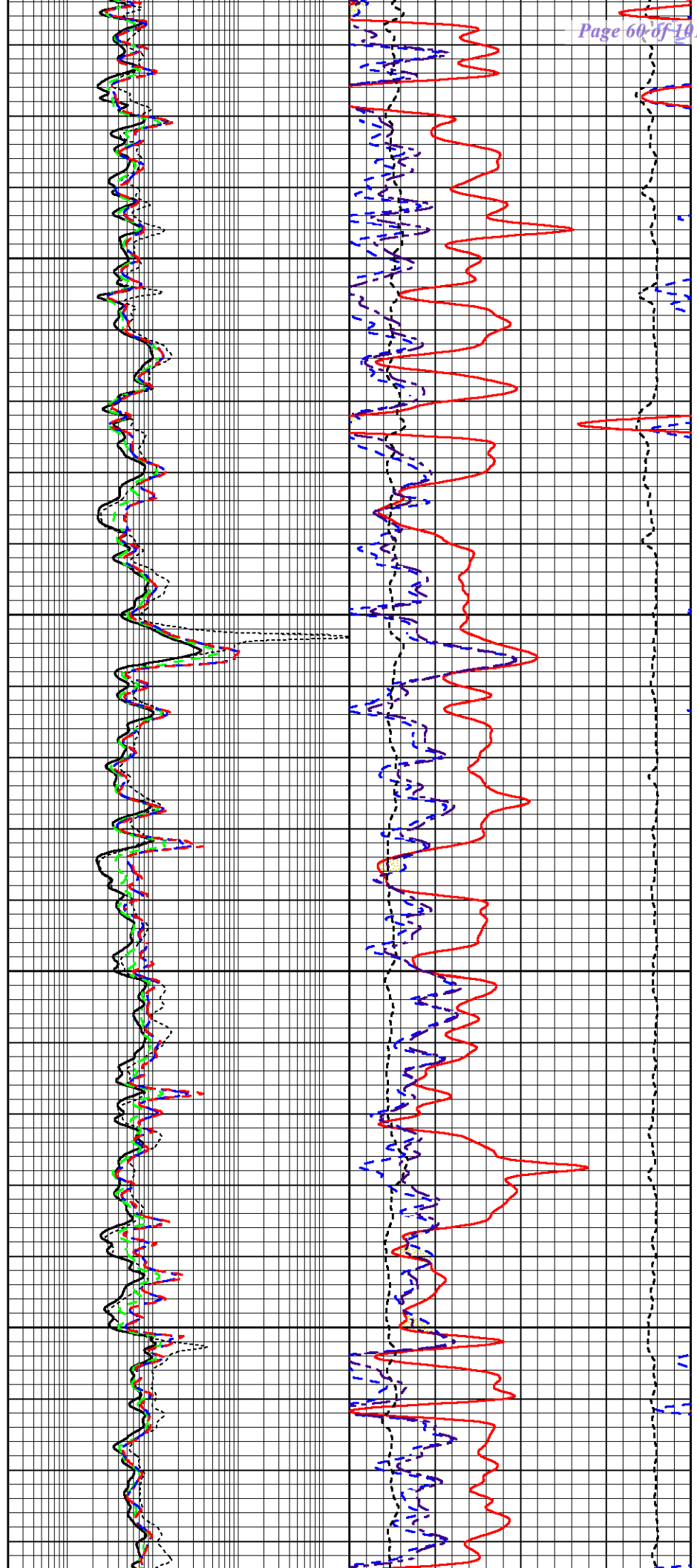
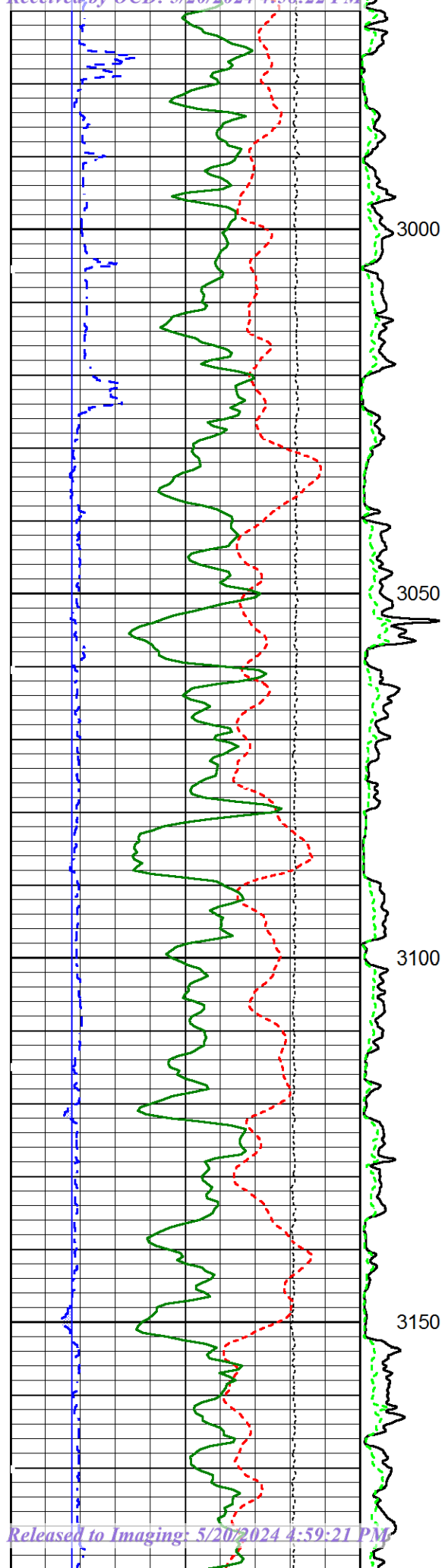


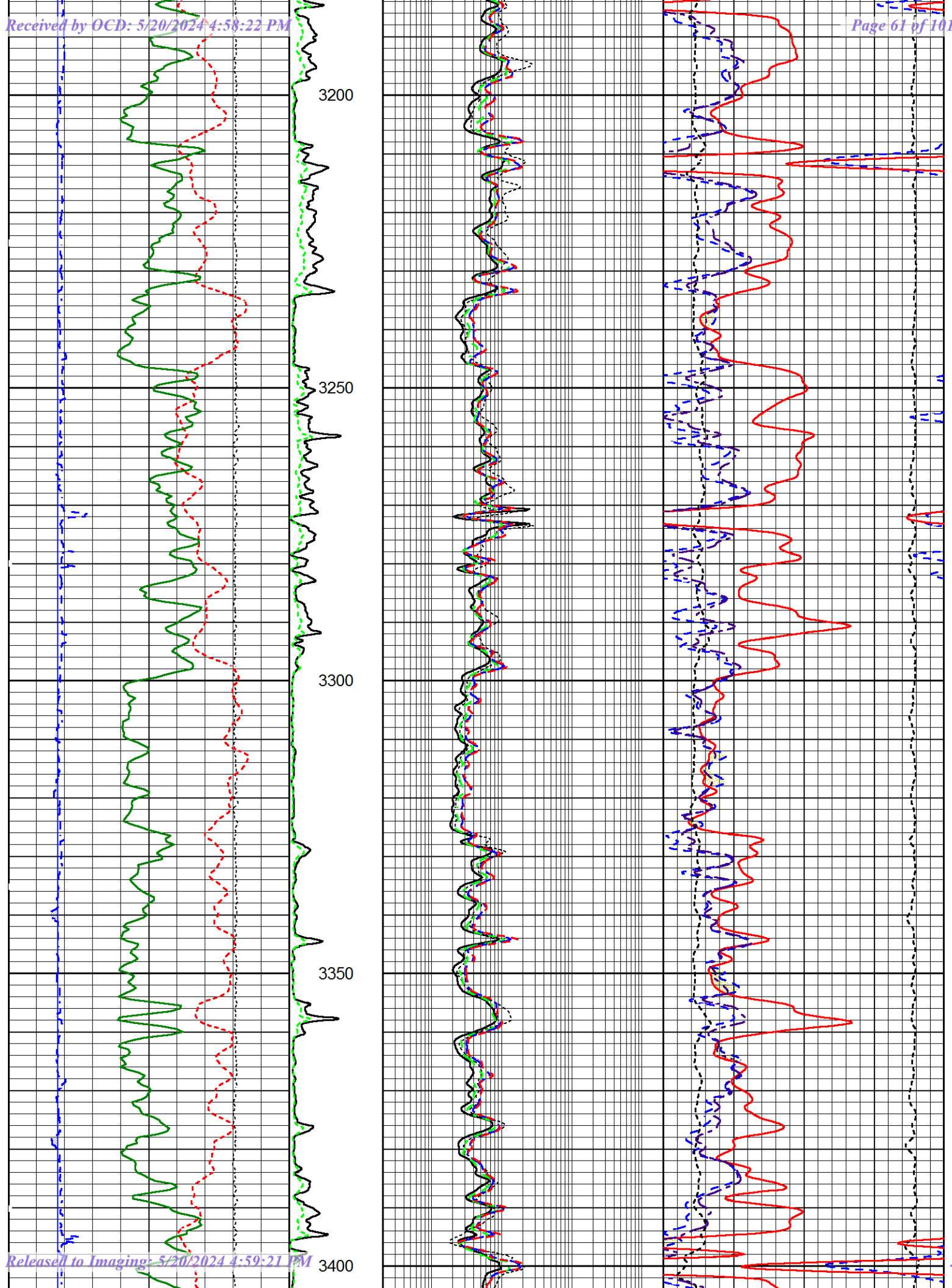


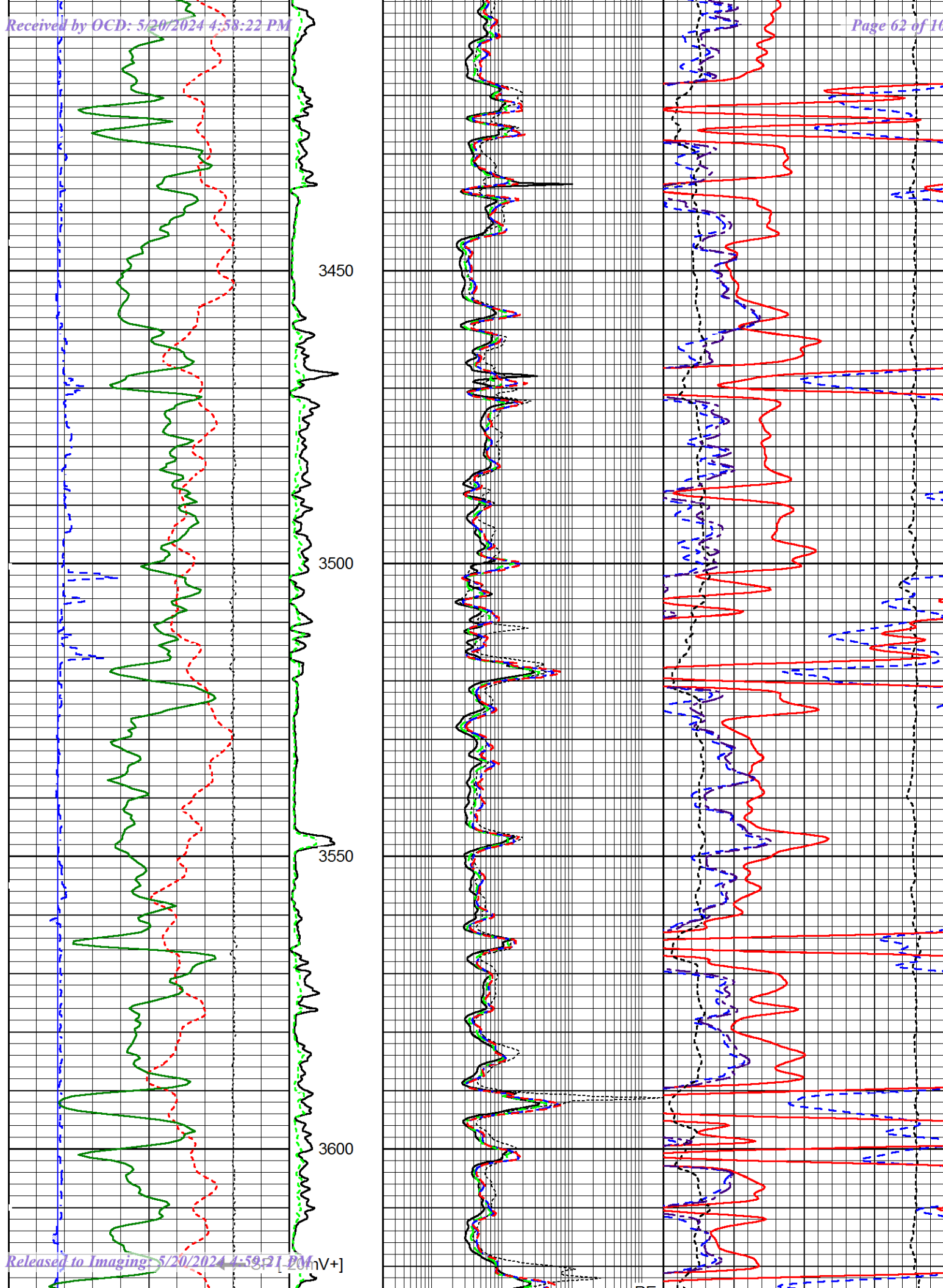


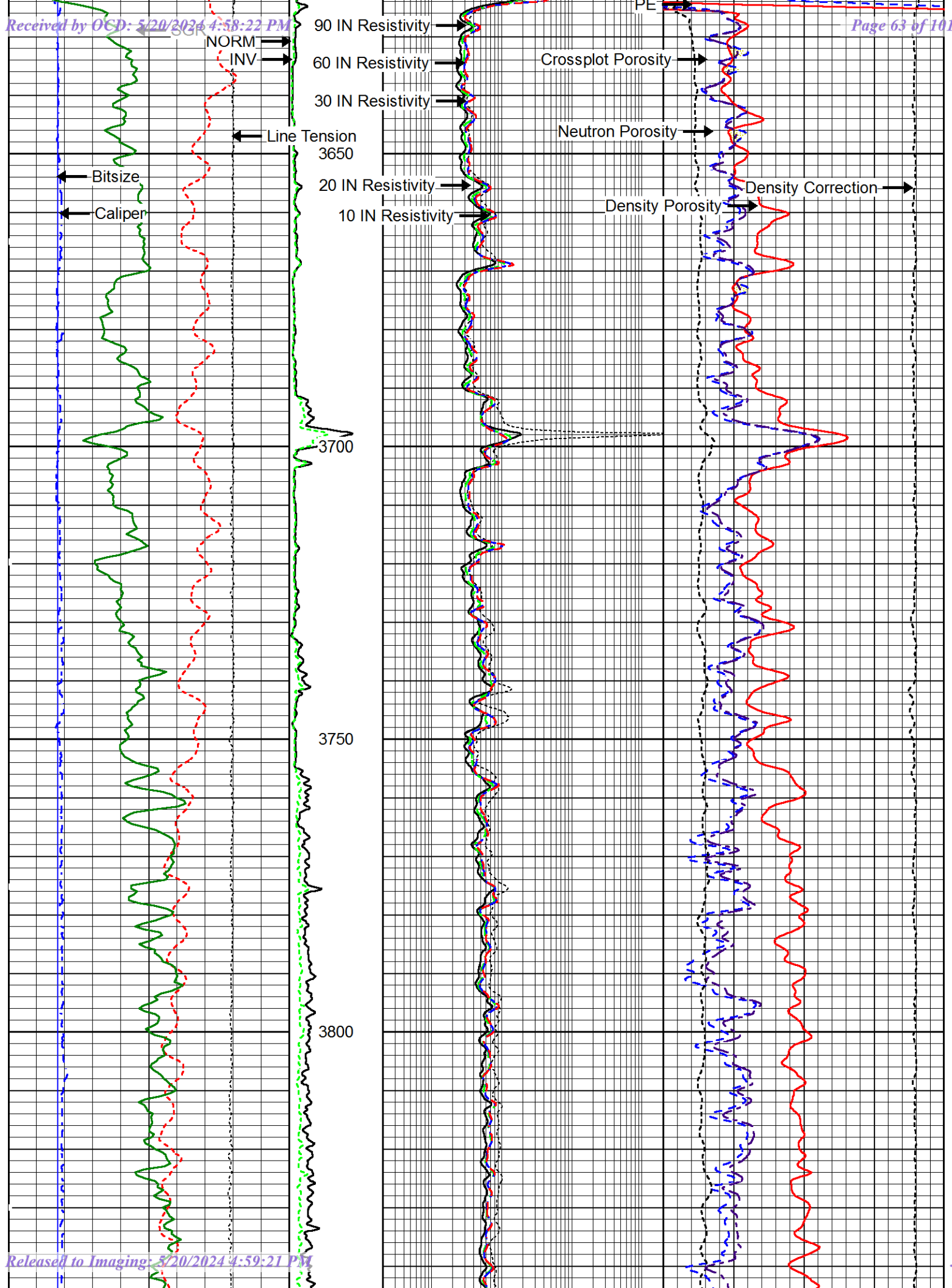


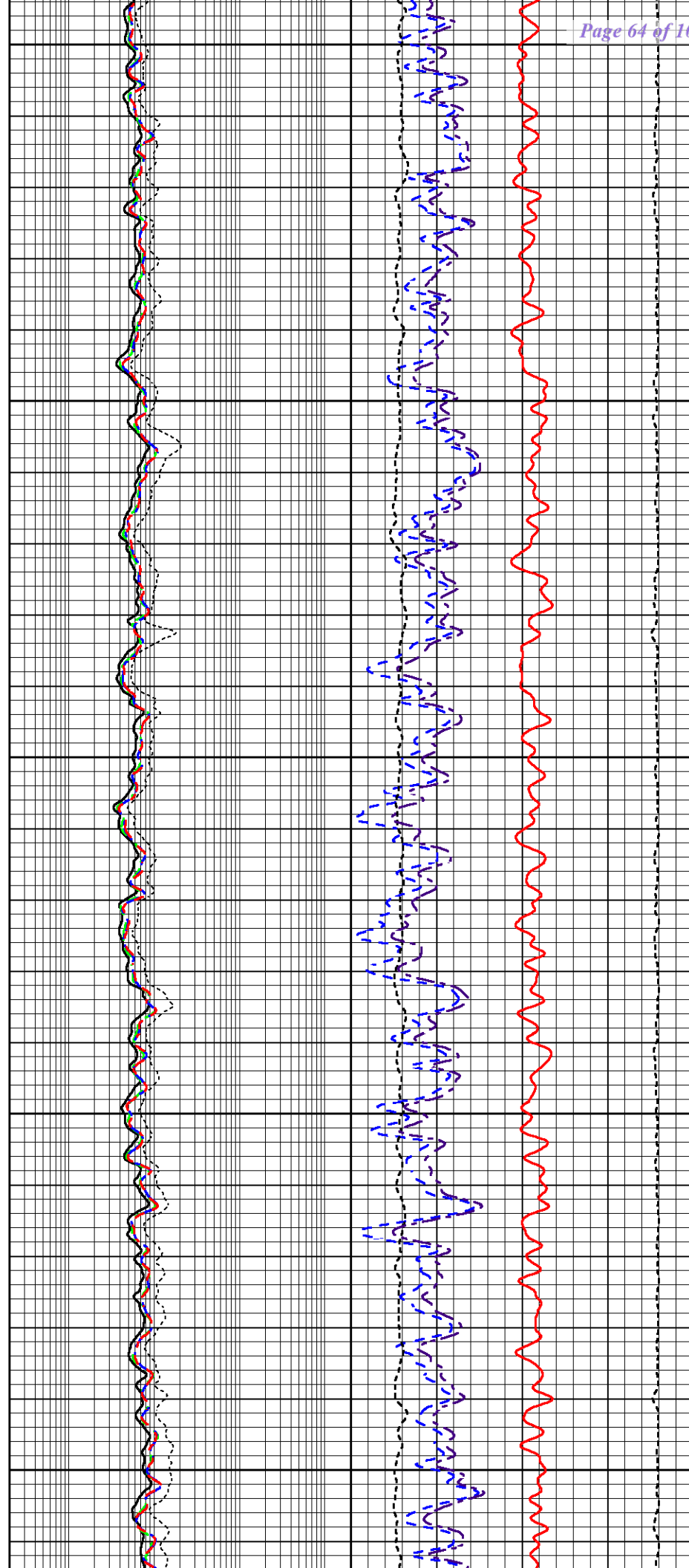
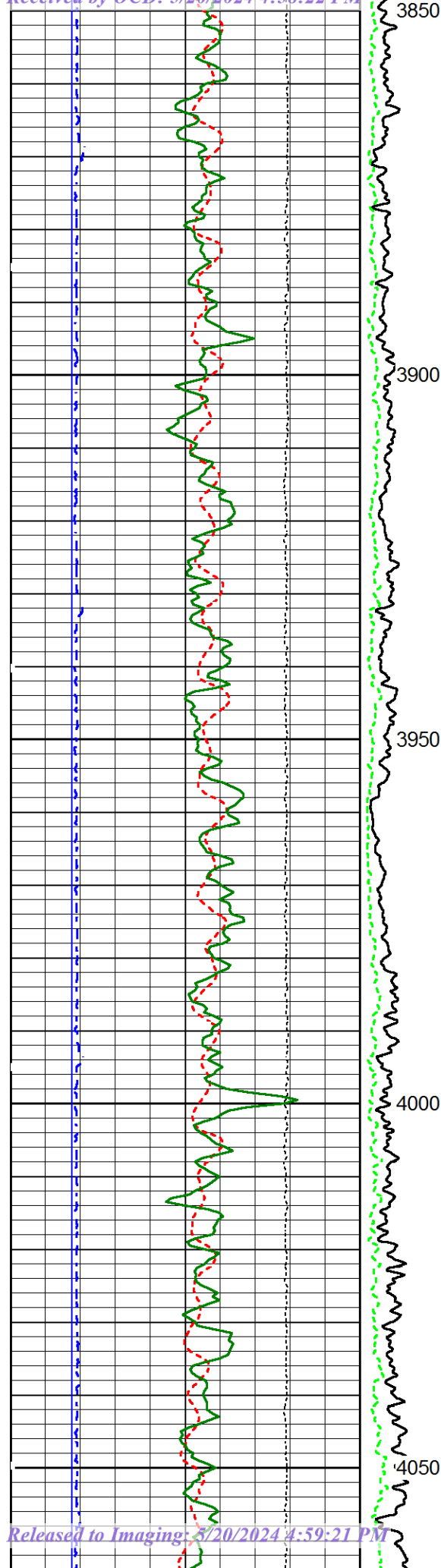


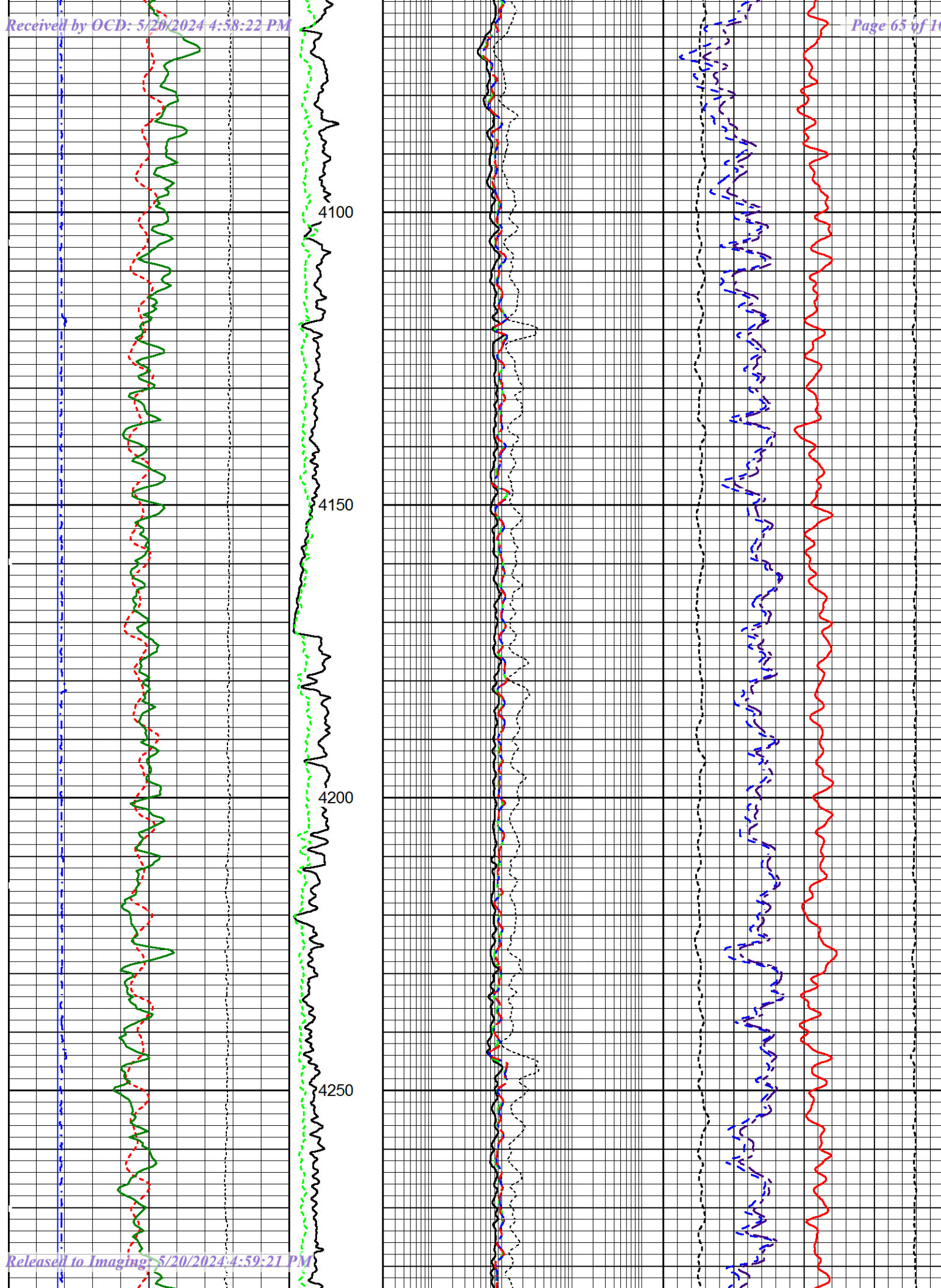


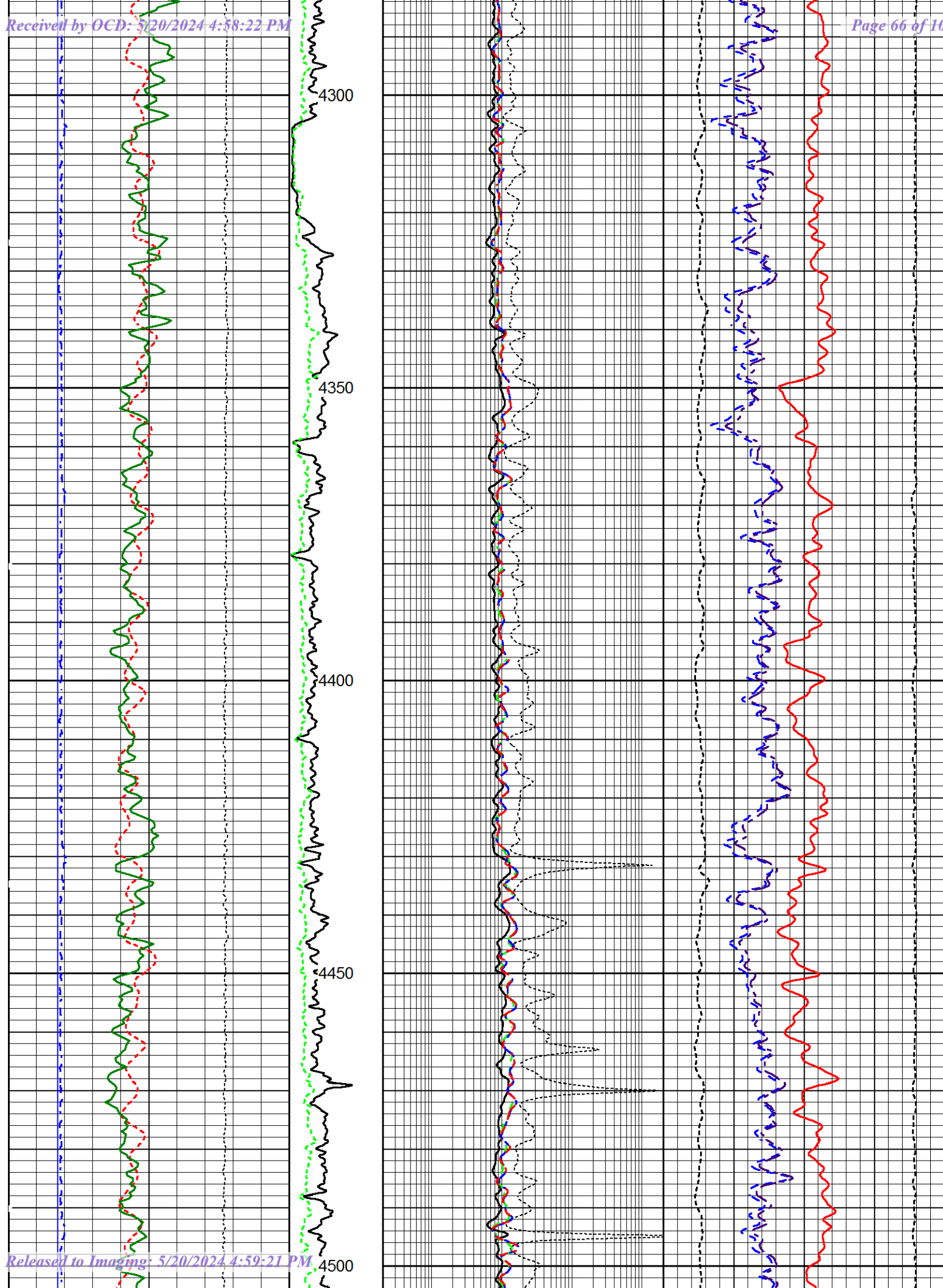


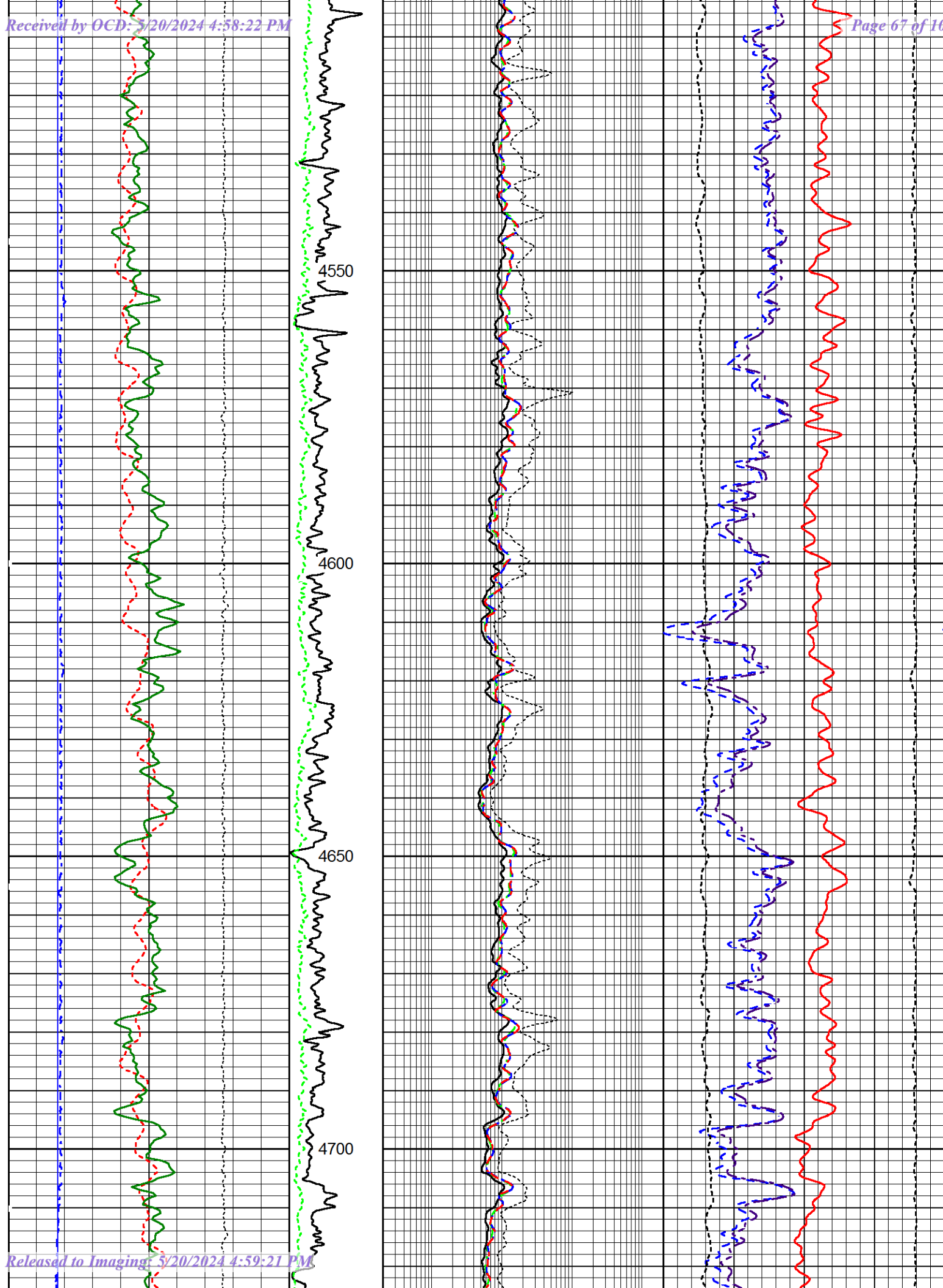


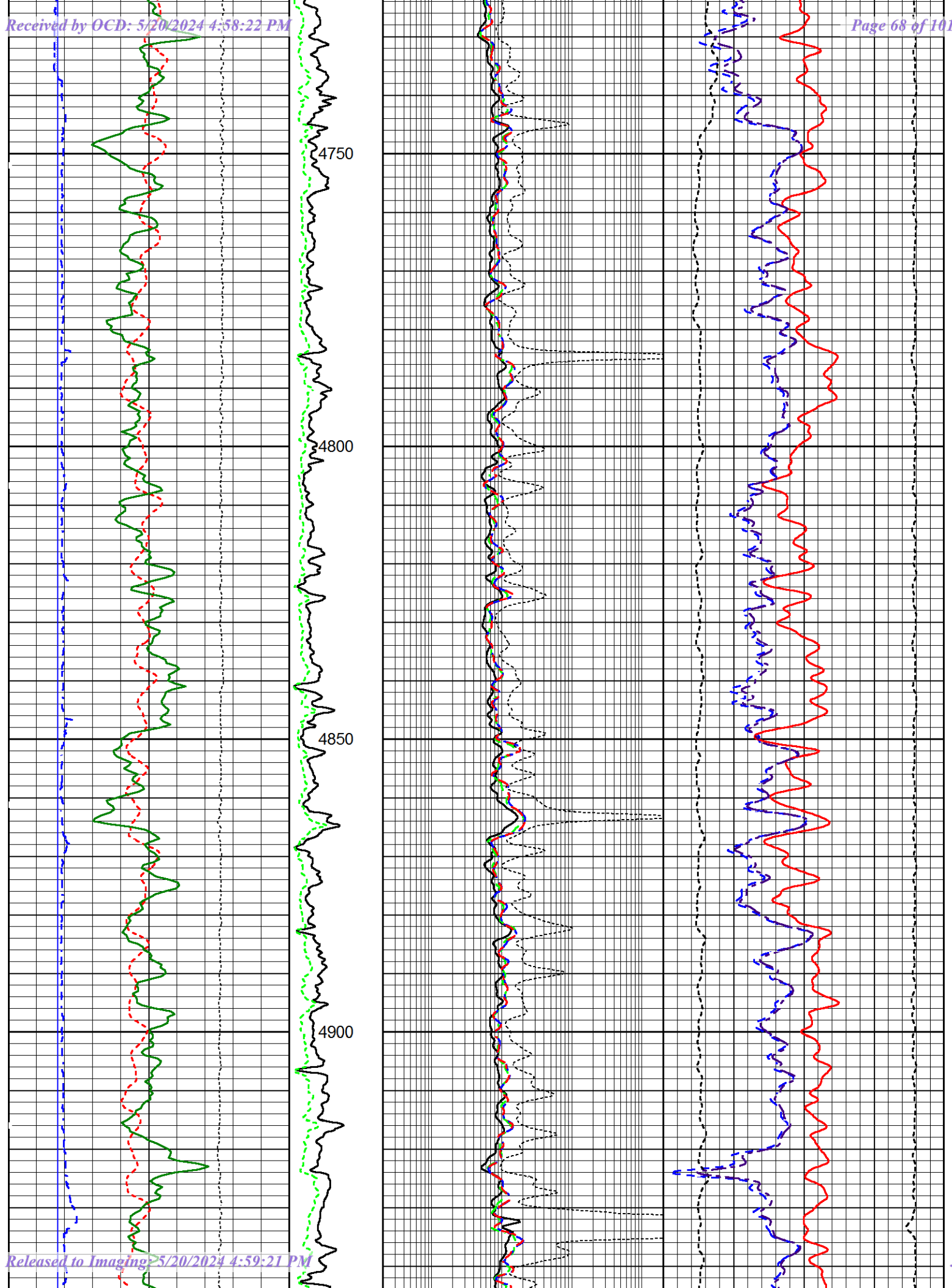


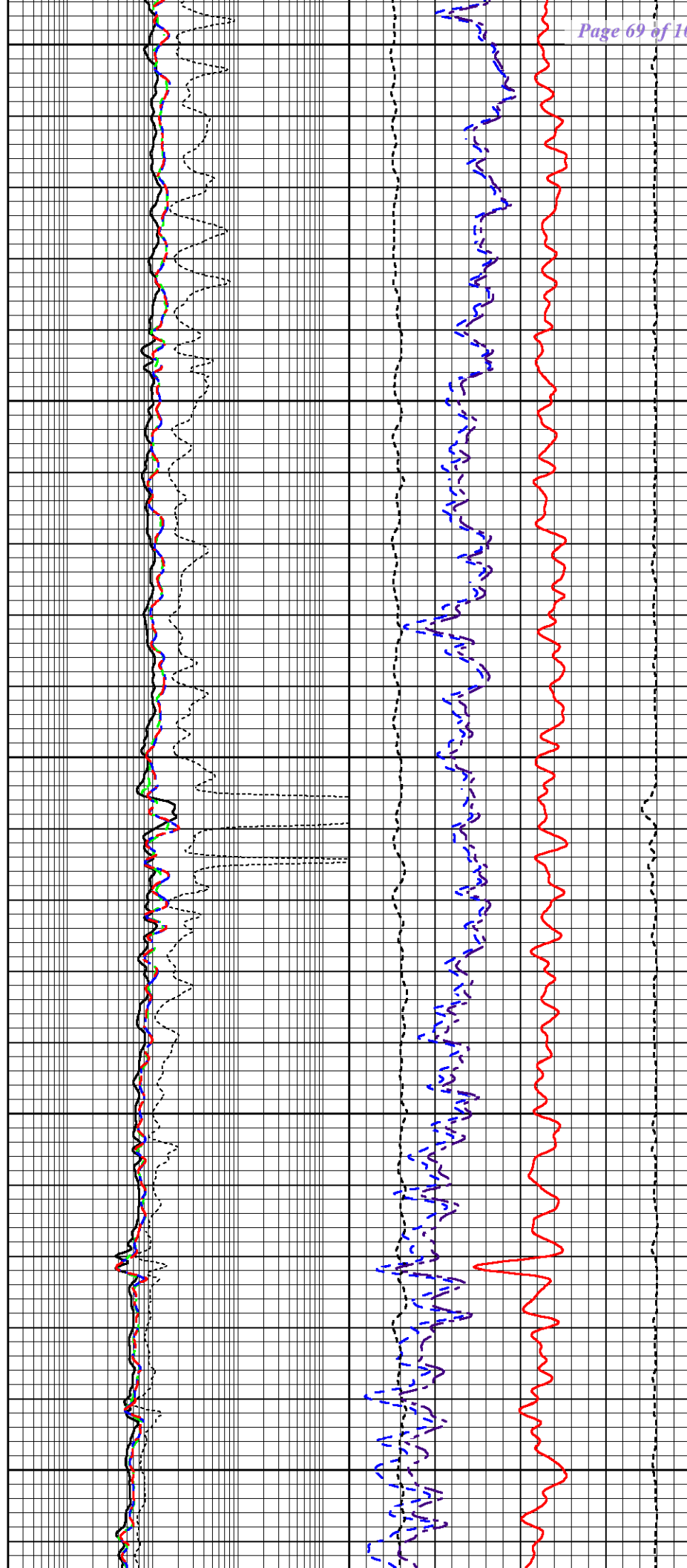
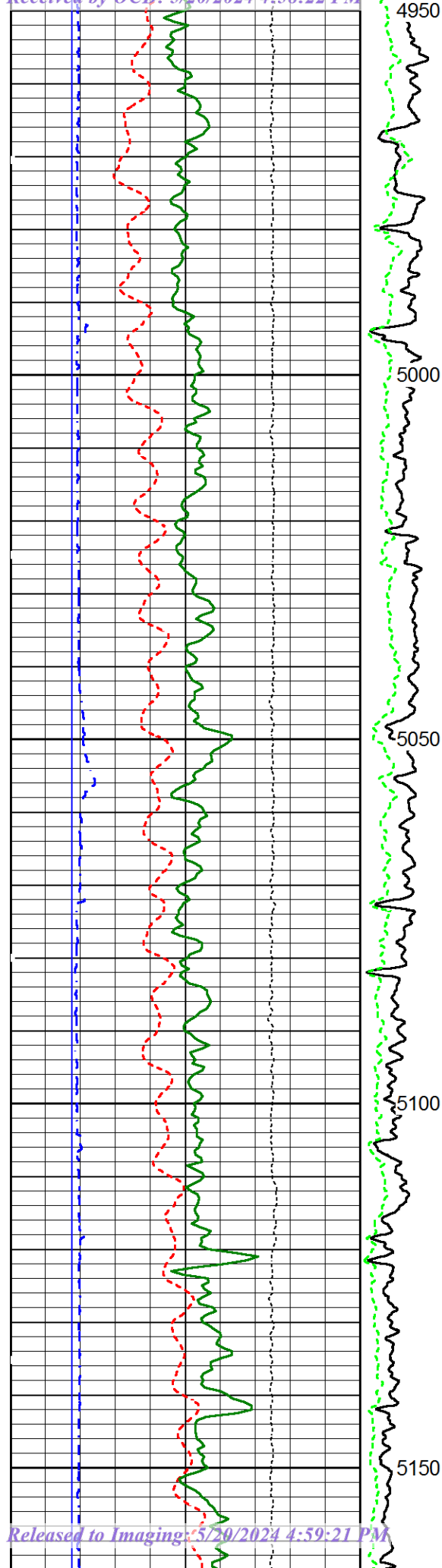


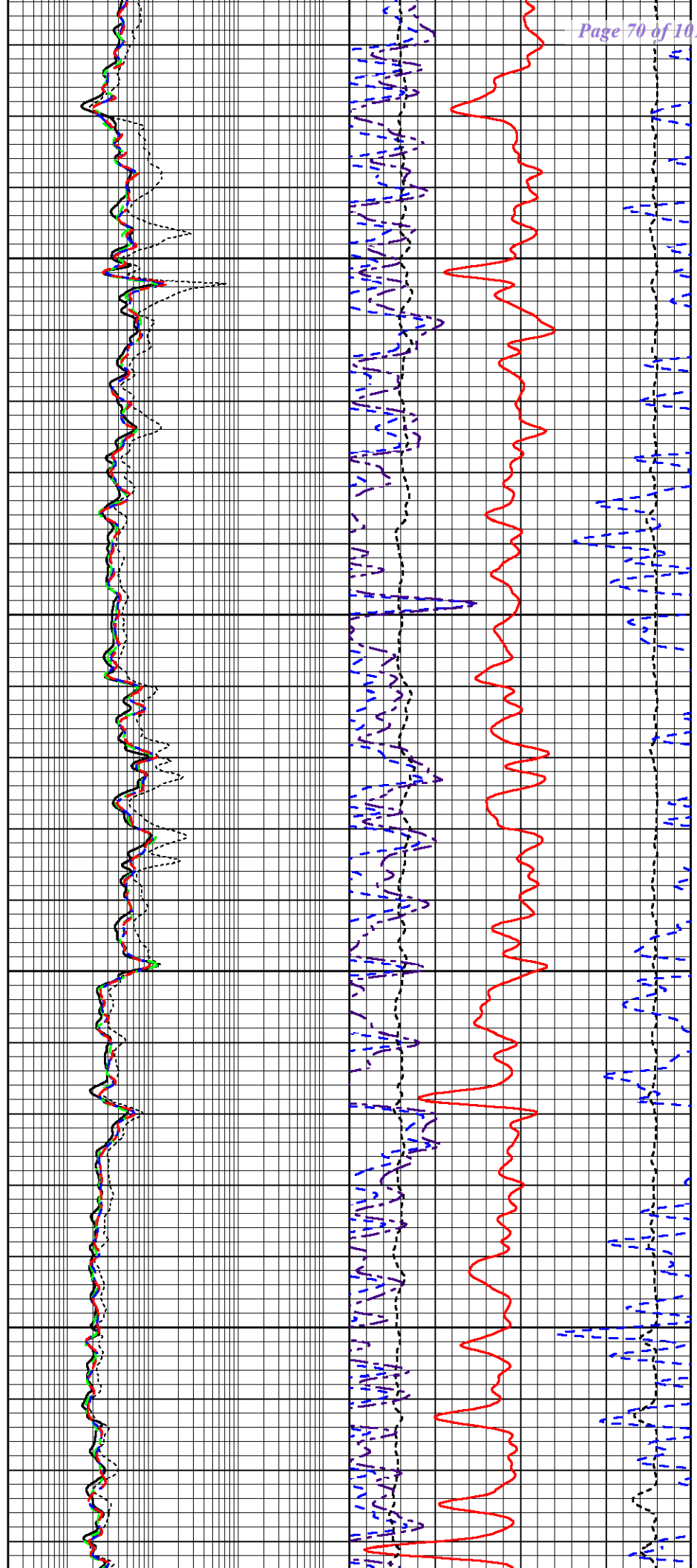
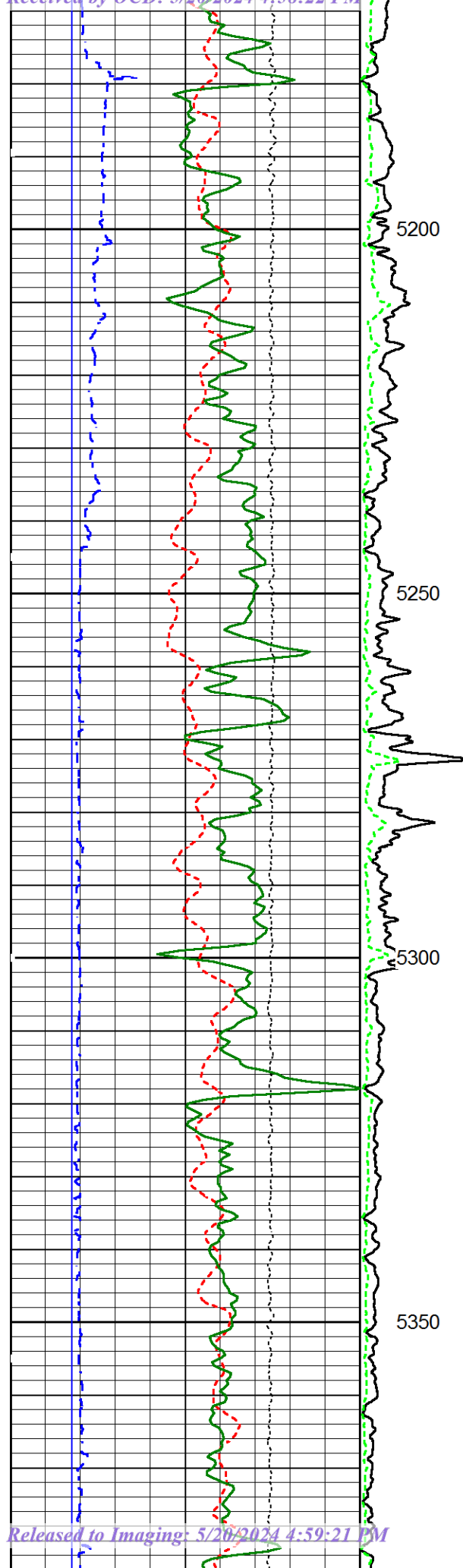


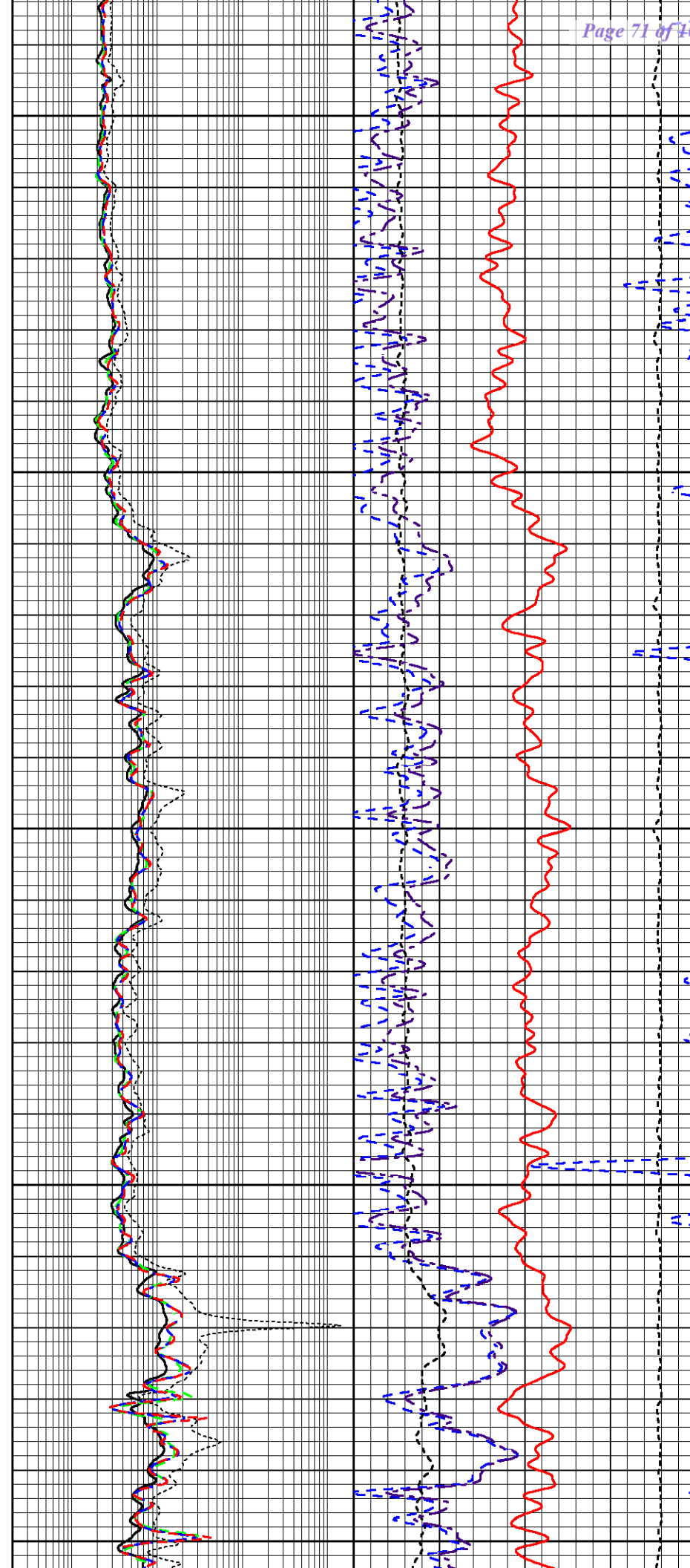
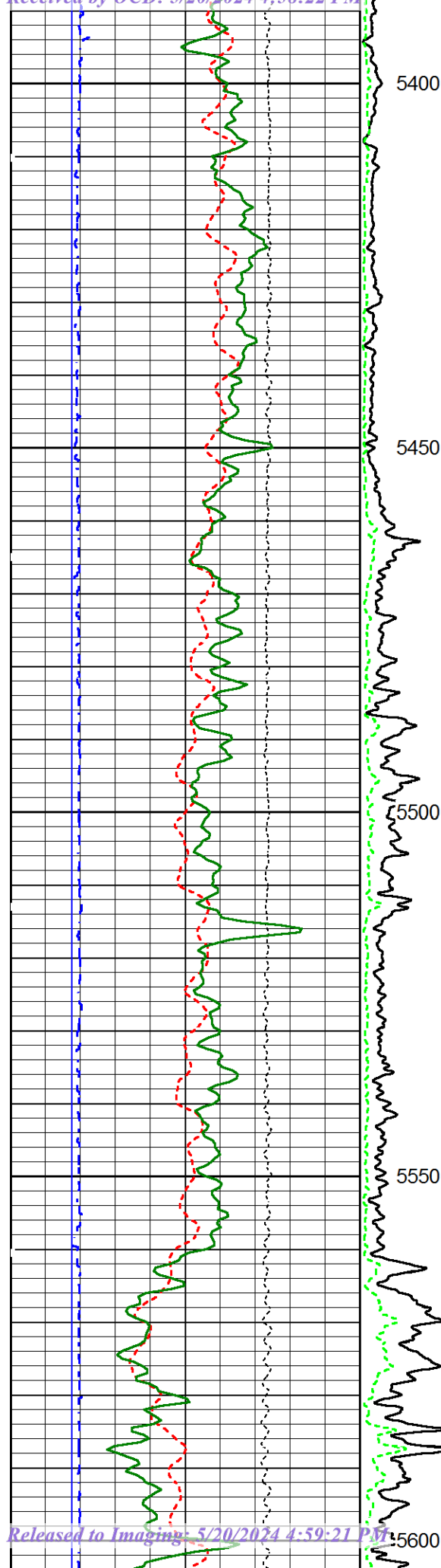


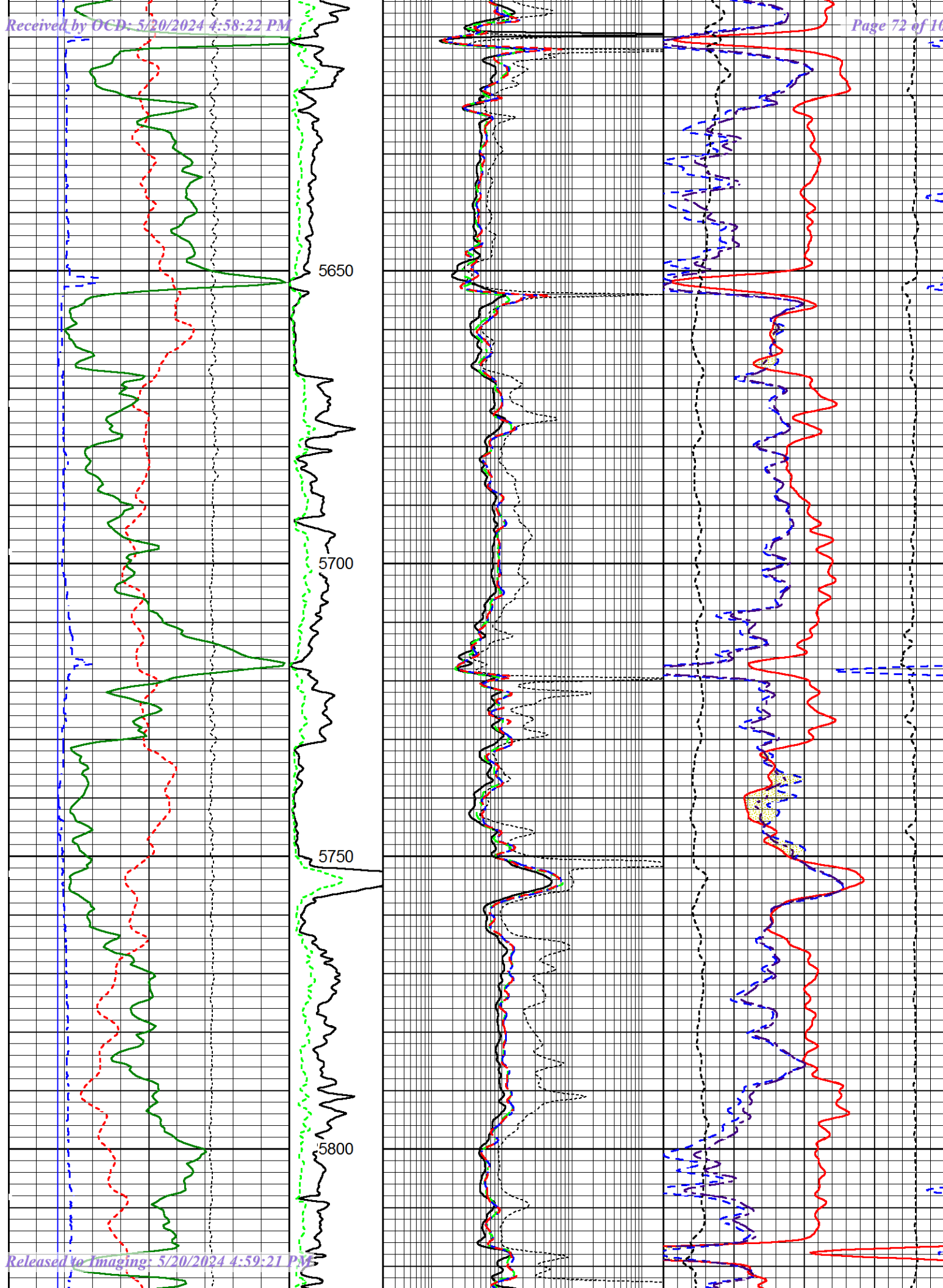


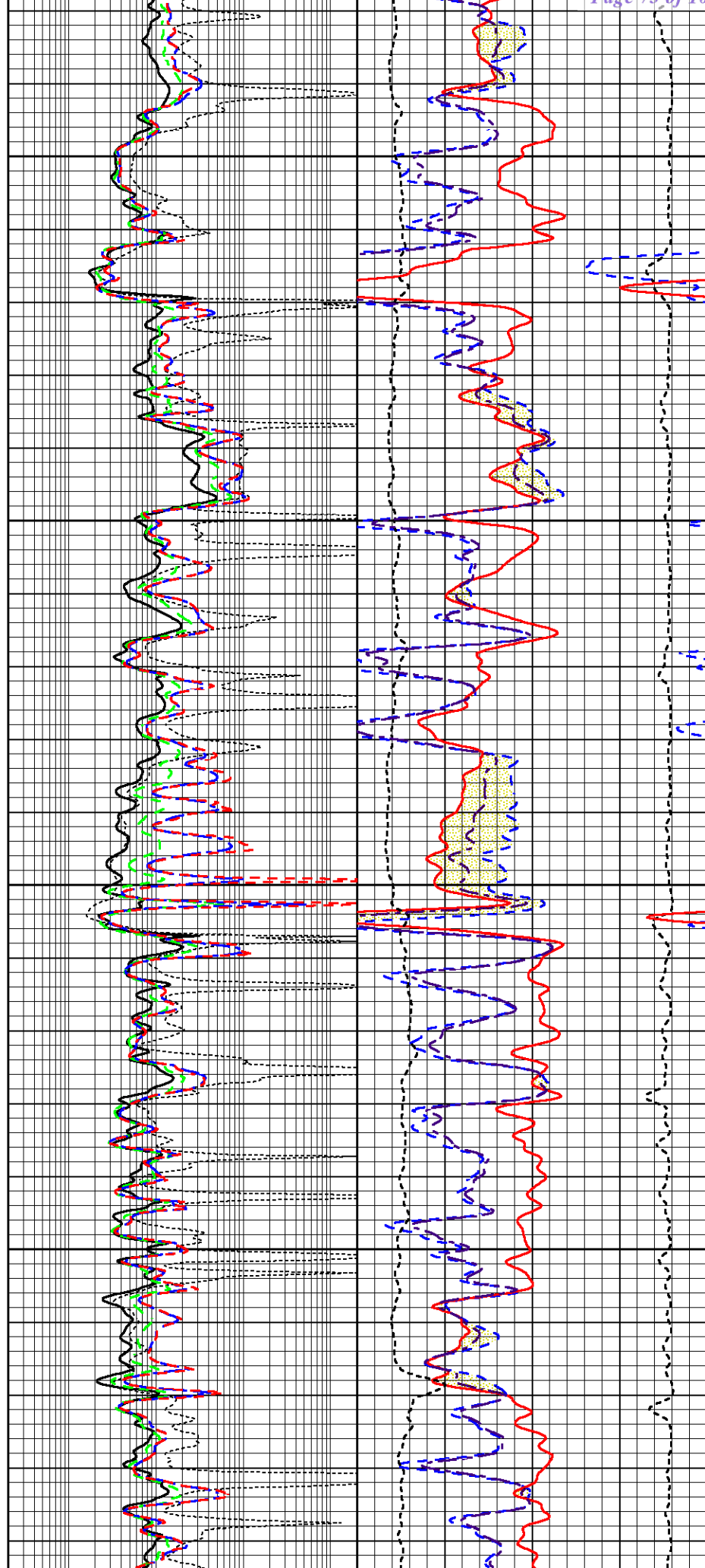
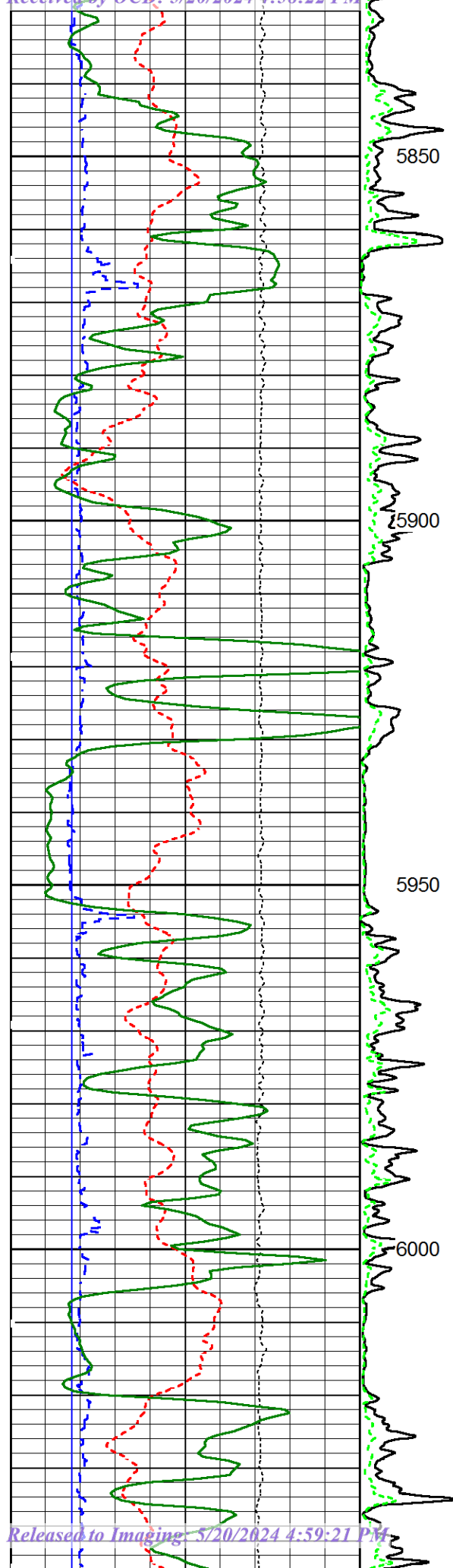


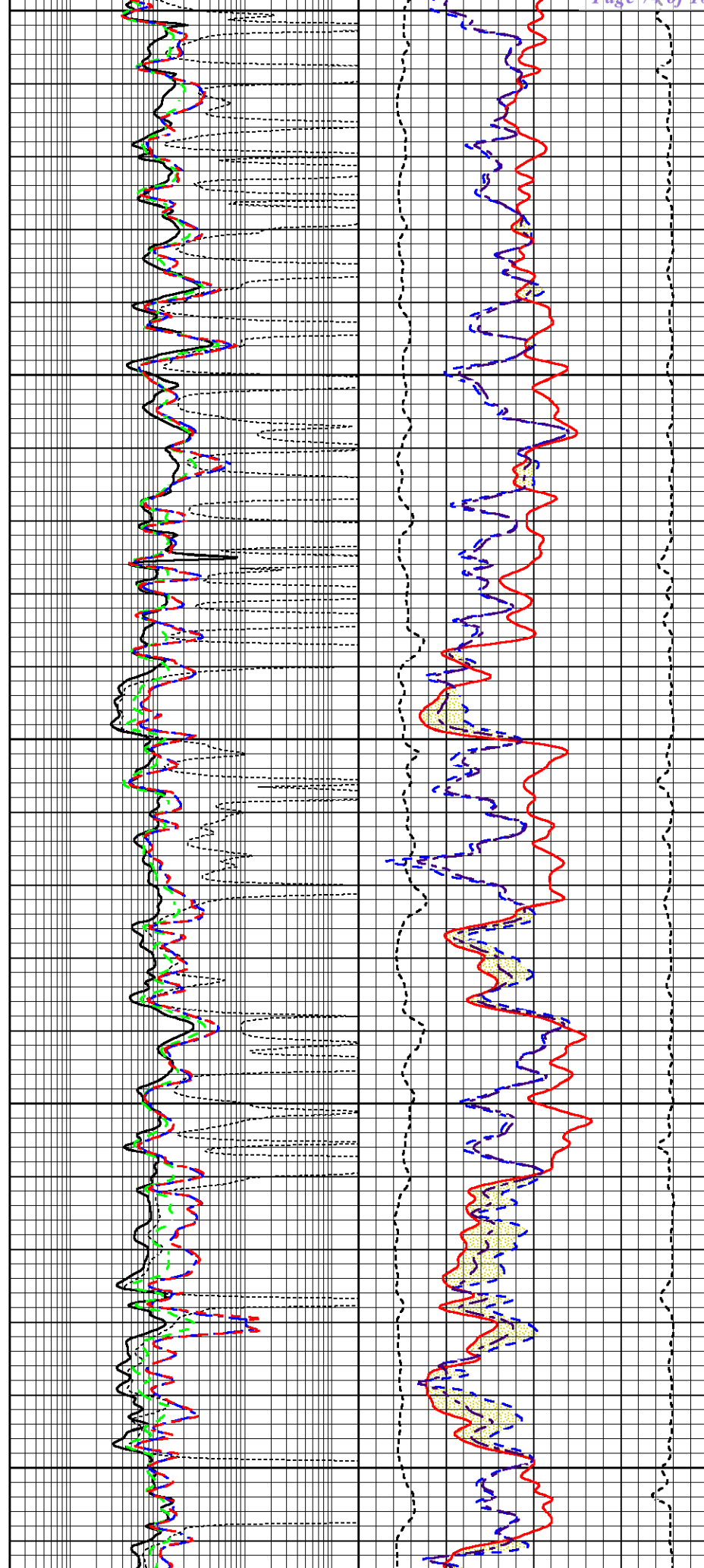
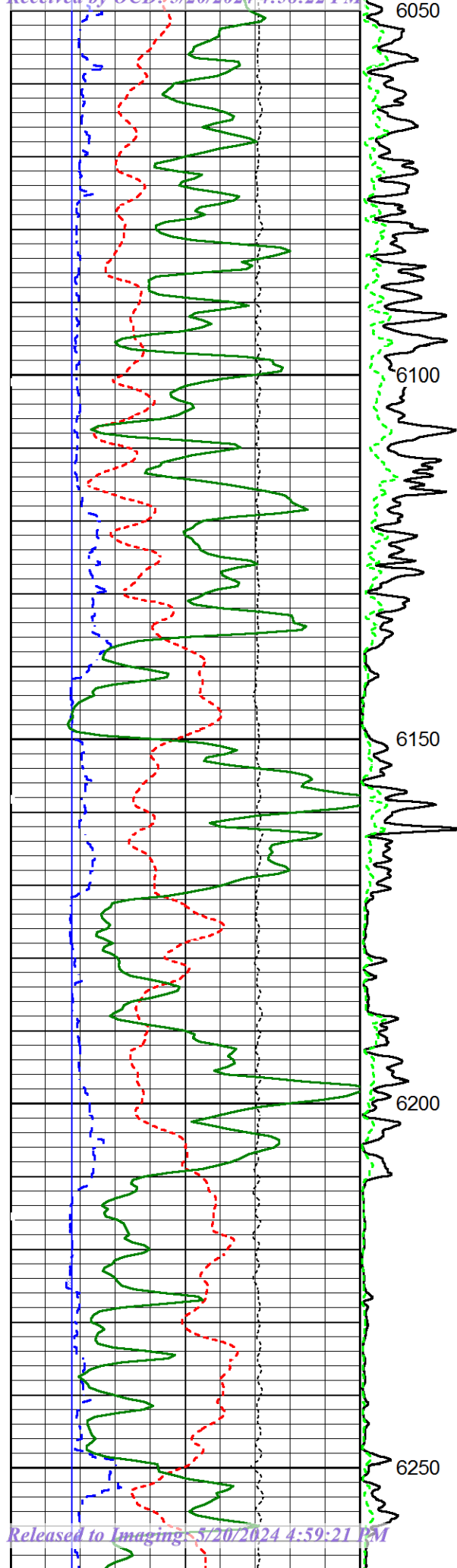


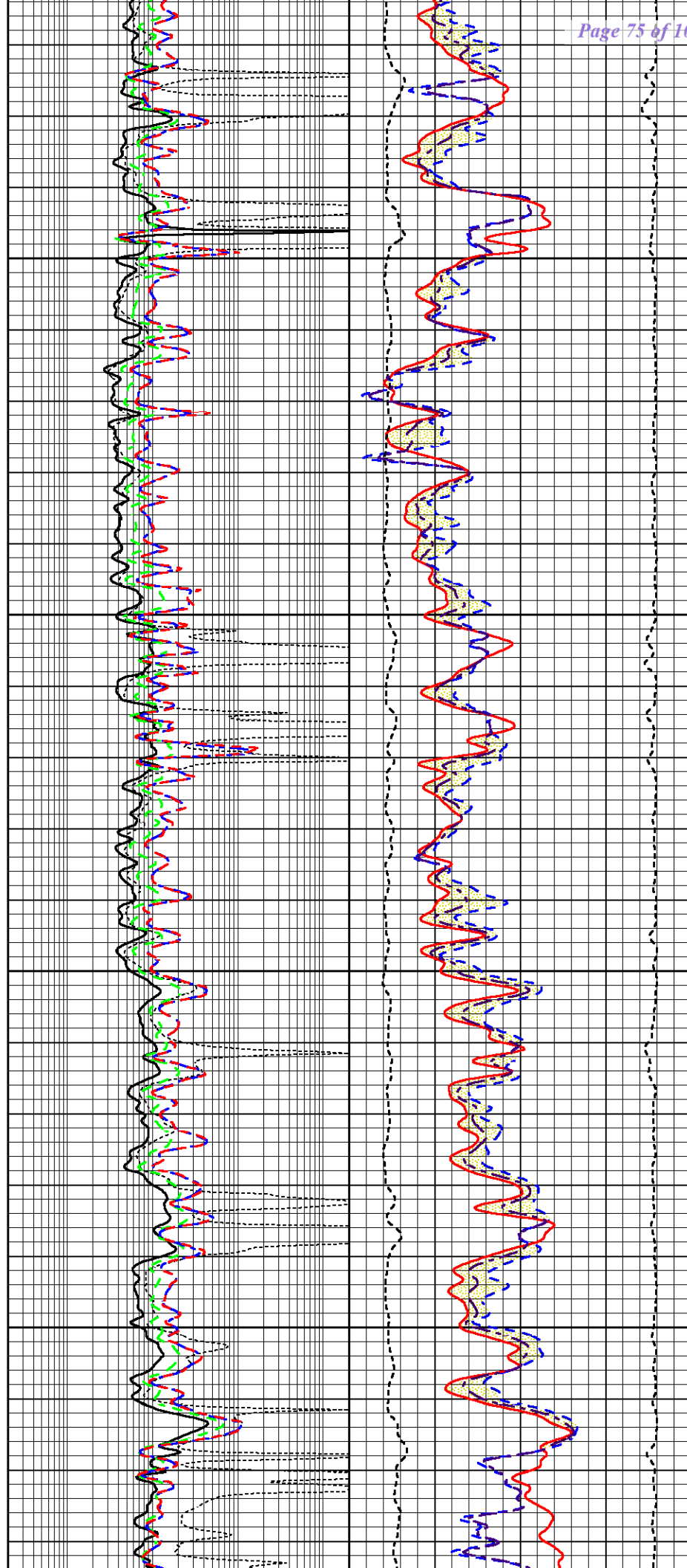
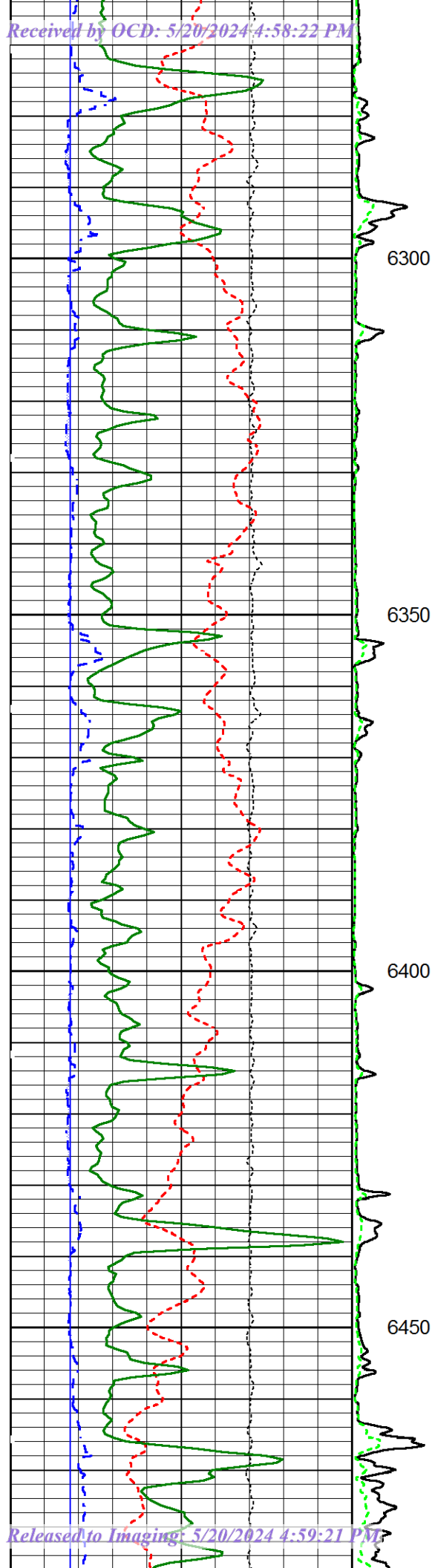


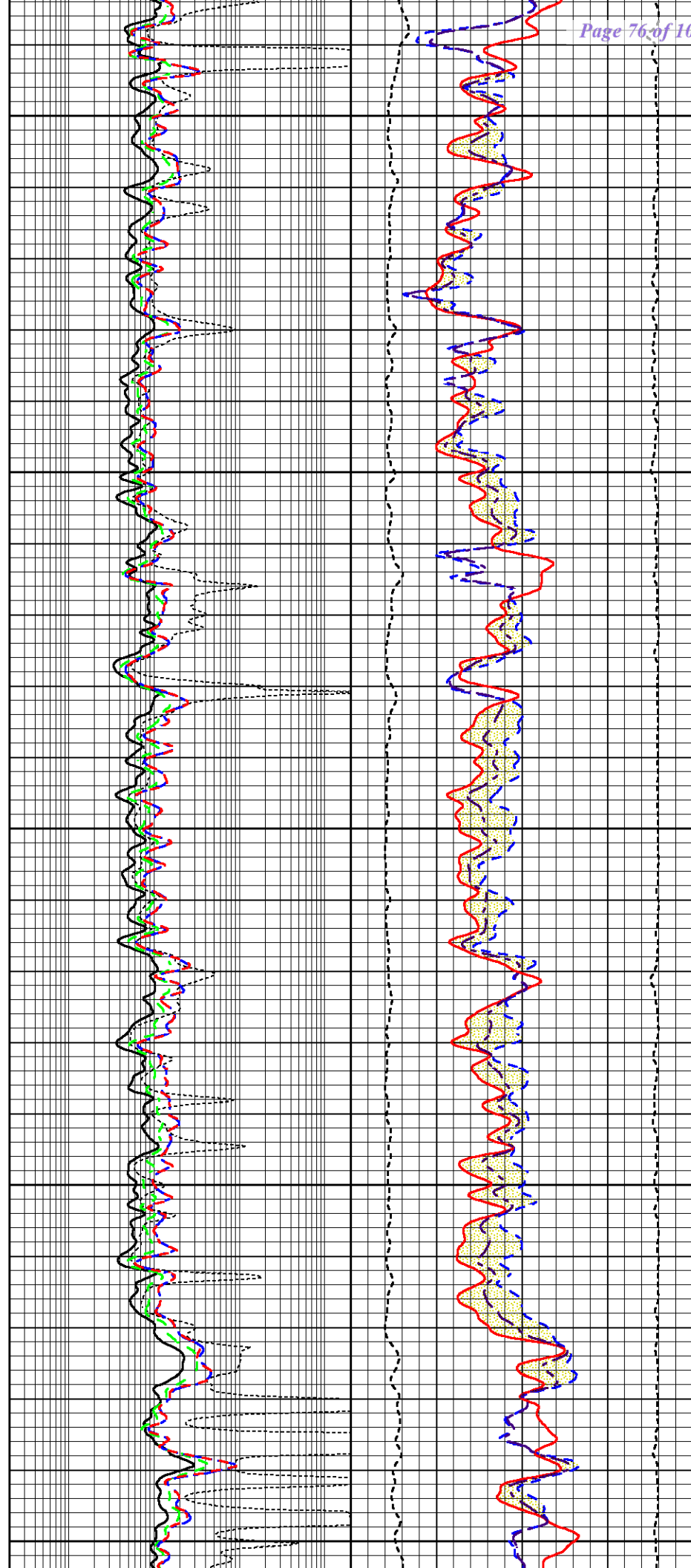
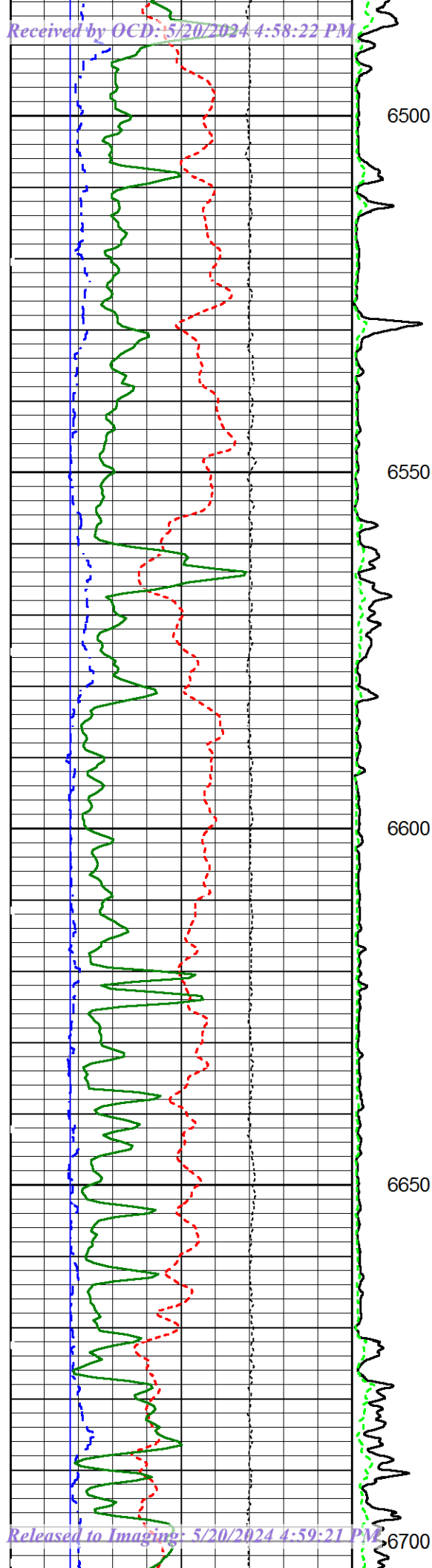


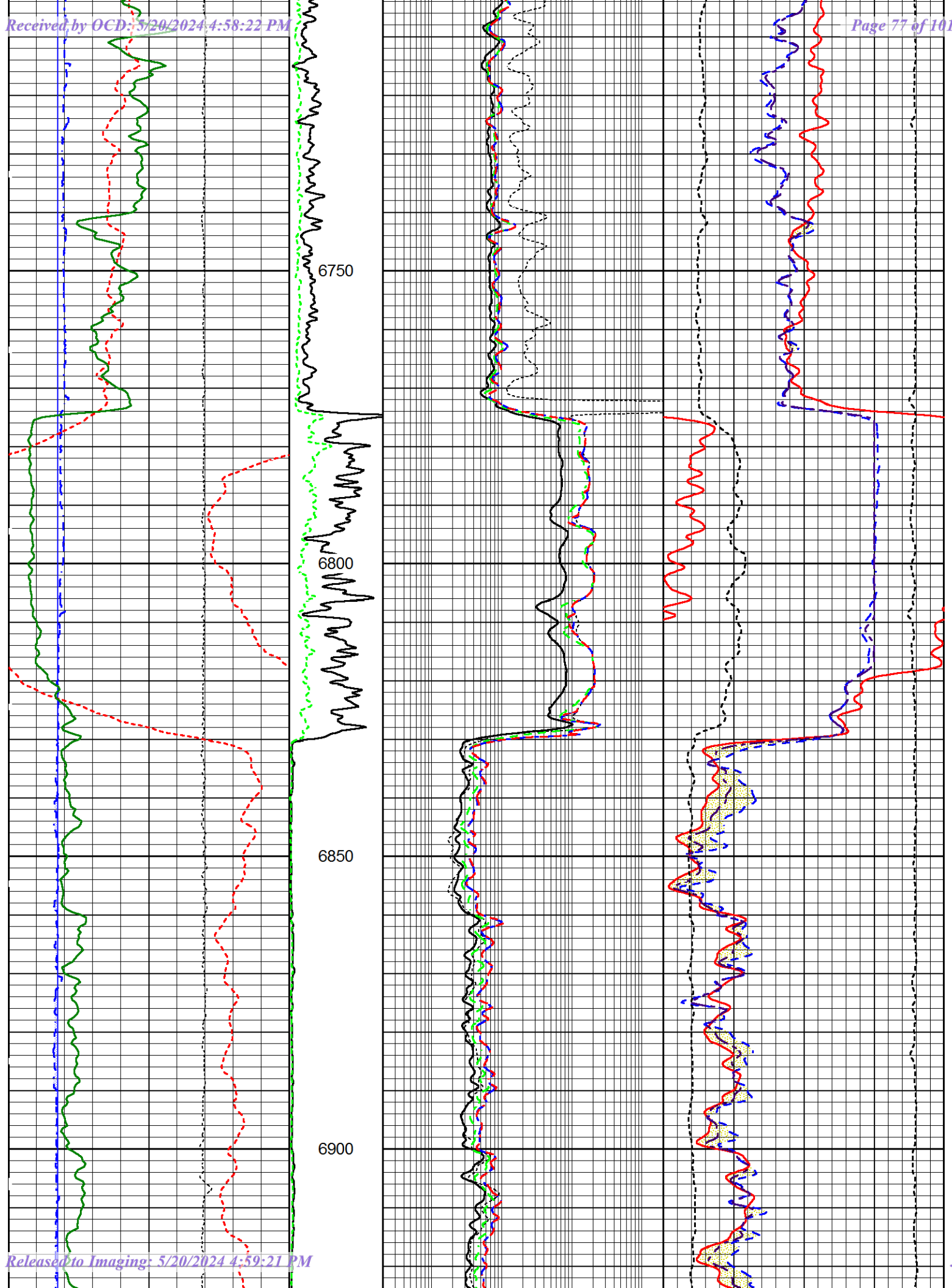


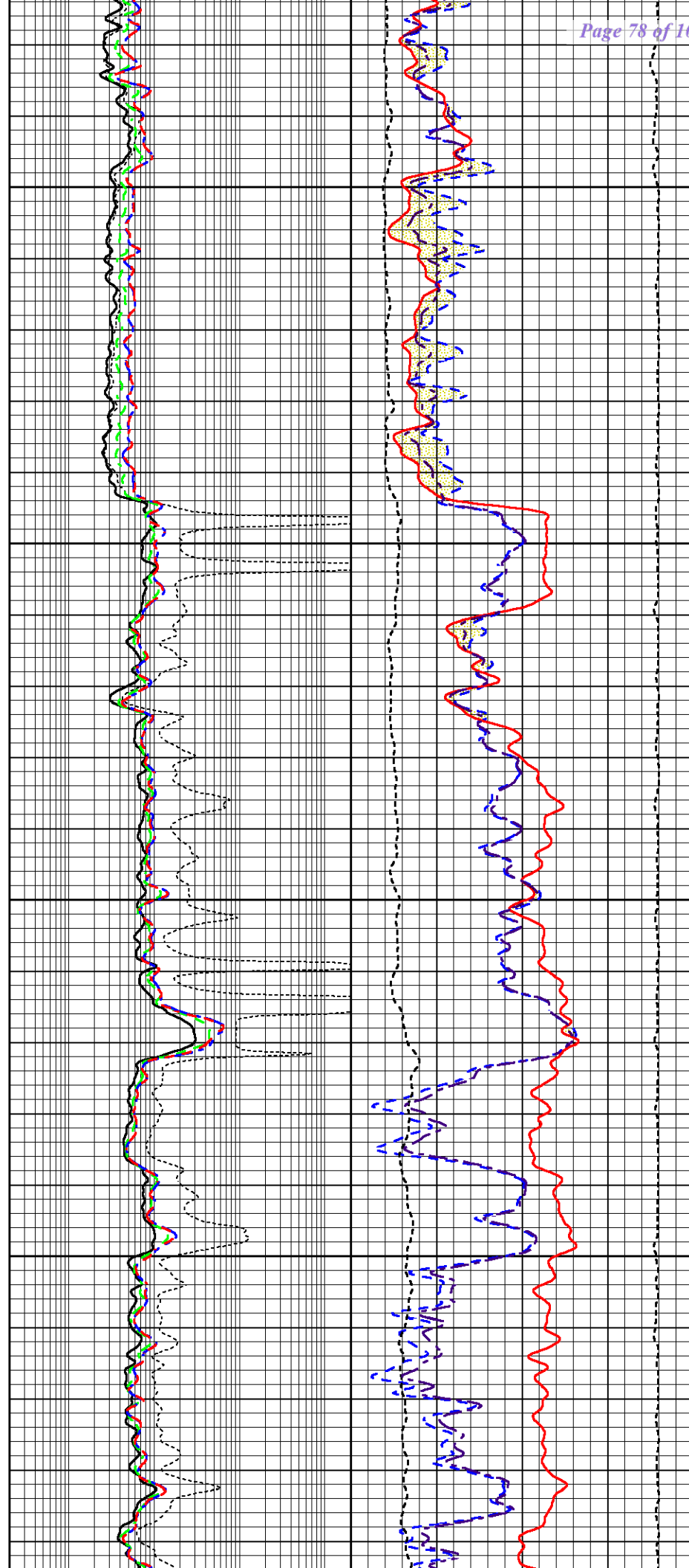
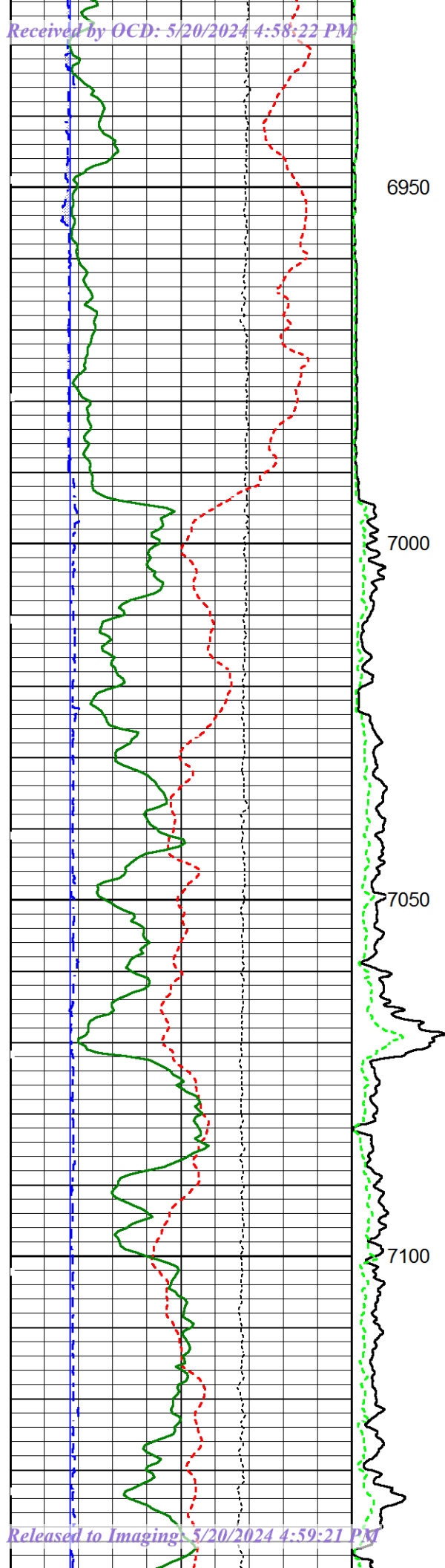


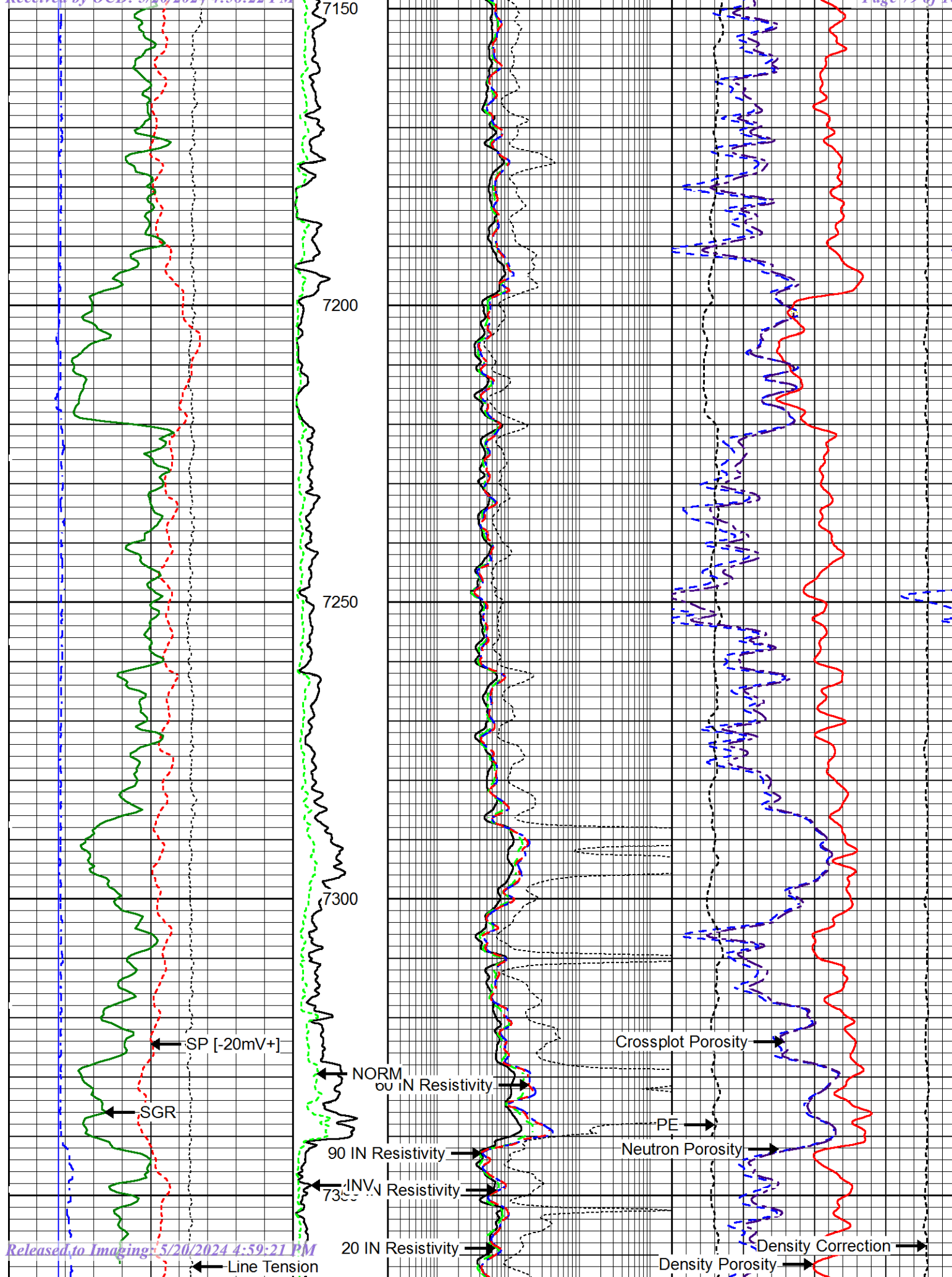


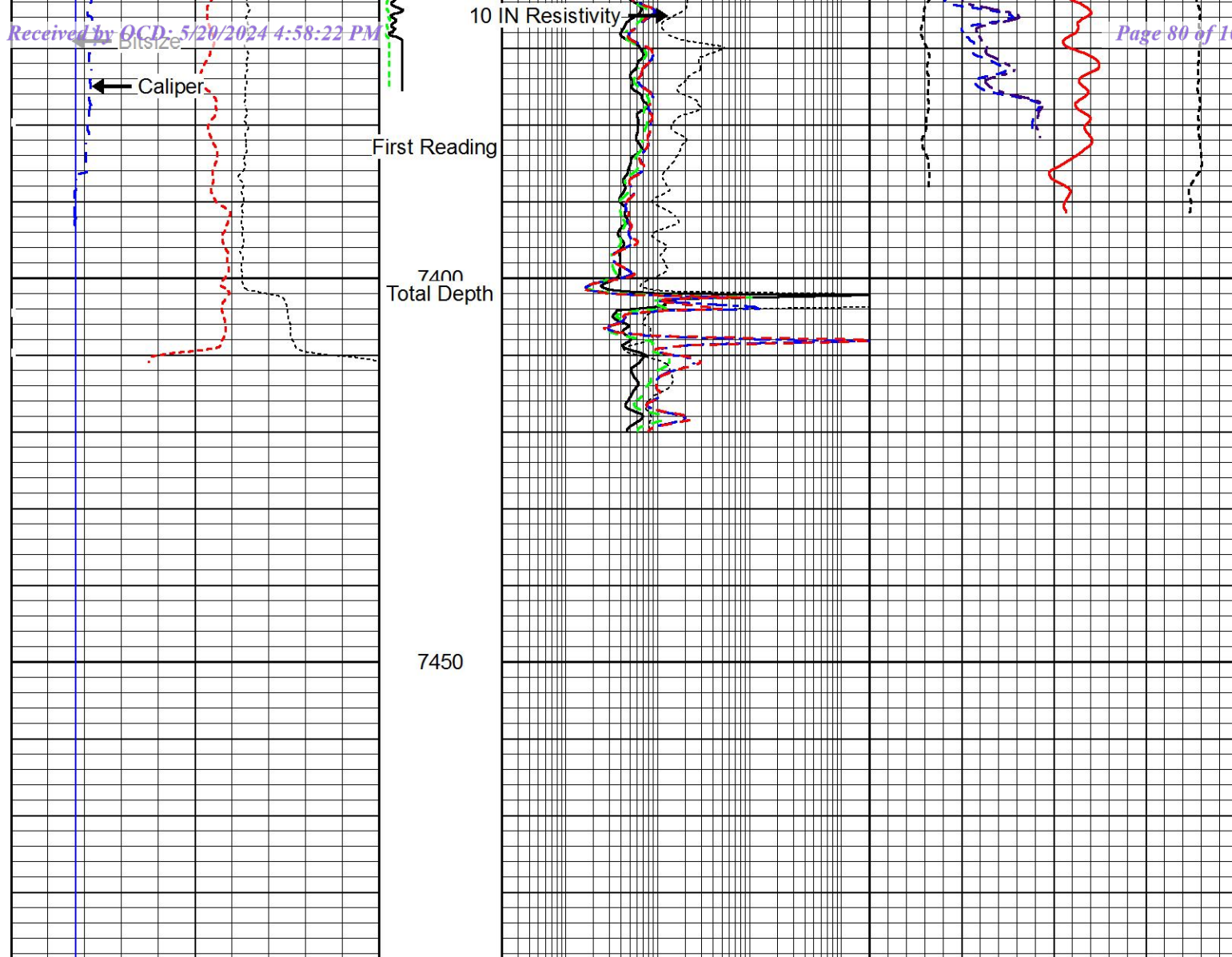












7	Bitsize (in)	17	INV	0.2	10 IN Resistivity (Ohm-m)	2000	Neutron Porosity
7	Caliper (in)	17	(Ohm-m)	0.2	20 IN Resistivity (Ohm-m)	2000	(Porosity Decimal Fraction) -0.1
	SP [-20mV+]	0	20	0.2	30 IN Resistivity (Ohm-m)	2000	Density Porosity
0	SGR (GAPI)	200	NORM	0.2	60 IN Resistivity (Ohm-m)	2000	(Porosity Decimal Fraction) -0.1
	Line Tension		(Ohm-m)	0.2	90 IN Resistivity (Ohm-m)	2000	Crossplot Porosity
	5000 (lb)	0	0				(Porosity Decimal Fraction) -0.1
							0 PE 10 Density Correction
							0.8 (g/cc) -0.2

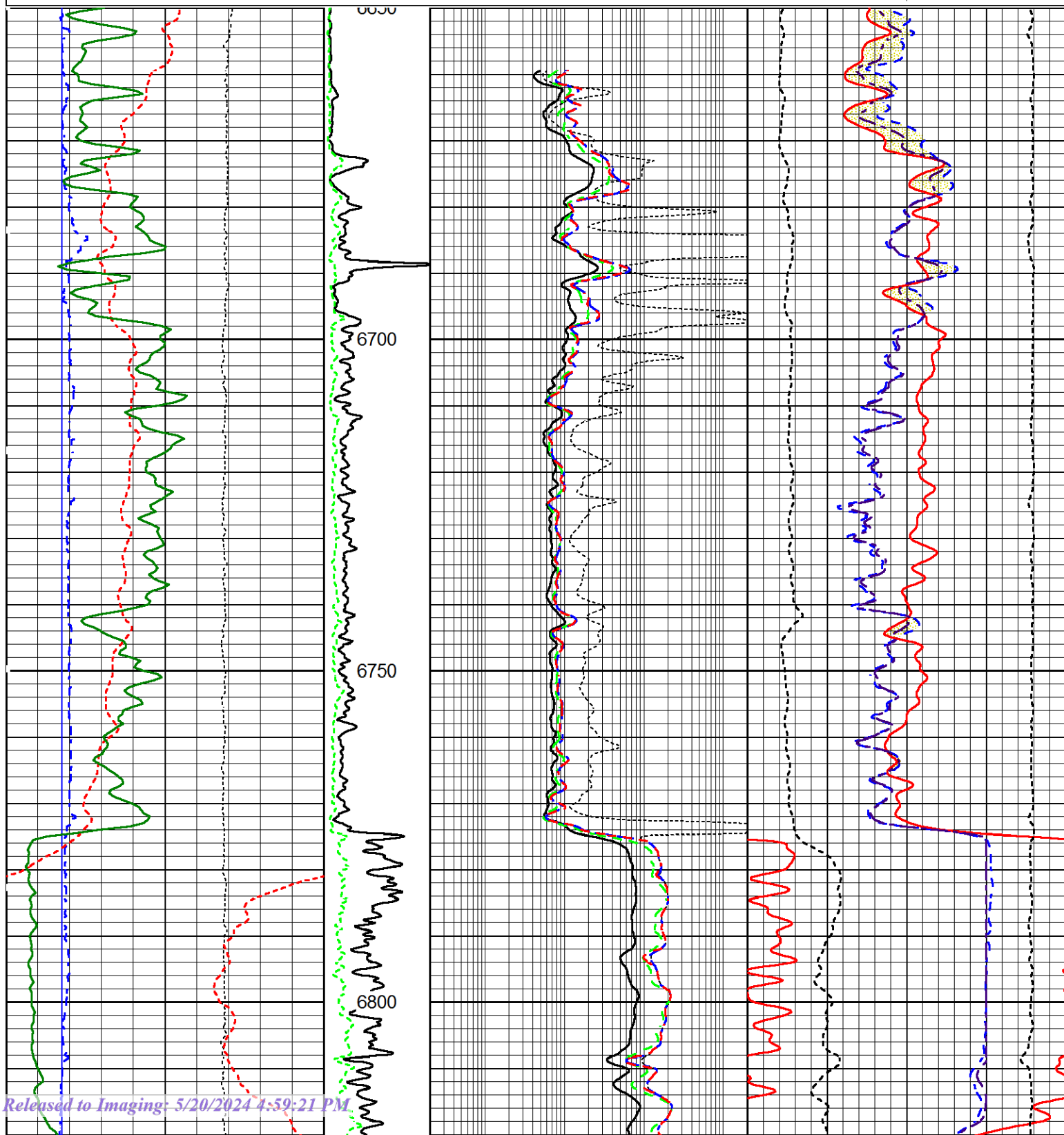


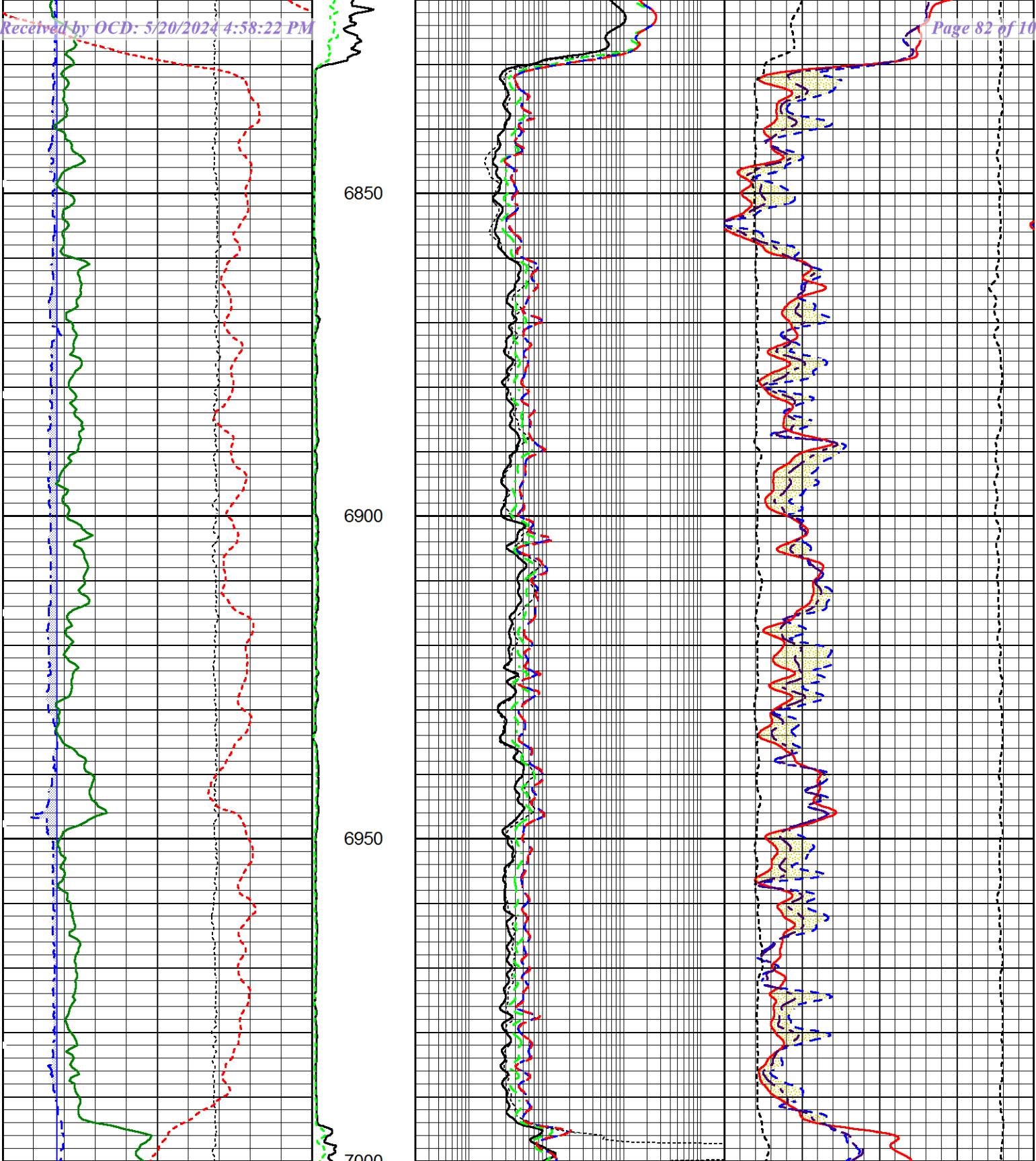
Main Pass



Repeat Pass

7	Bitsize (in)		17	INV (Ohm-m)	0.2	10 IN Resistivity (Ohm-m)		2000	Neutron Porosity				
7	Caliper (in)		17		0.2	20 IN Resistivity (Ohm-m)		2000	0.3	(Porosity Decimal Fraction) -0.1			
SP [-20mV+]			0		20	0.2	30 IN Resistivity (Ohm-m)		2000	Density Porosity			
0	SGR (GAPI)		200	NORM (Ohm-m)	0.2	60 IN Resistivity (Ohm-m)		2000	0.3	(Porosity Decimal Fraction) -0.1			
Line Tension			0		20	0.2	90 IN Resistivity (Ohm-m)		2000	Crossplot Porosity			
					5000	(lb)	0	0	20	0.3	(Porosity Decimal Fraction) -0.1		
									0	PE	10	Density Correction	
												0.8	(g/cc) -0.2





7		Bitsize (in)		17	INV (Ohm-m)	0.2	10 IN Resistivity (Ohm-m) 2000		Neutron Porosity		
7		Caliper (in)		17		0.2	20 IN Resistivity (Ohm-m) 2000		0.3	(Porosity Decimal Fraction) -0.1	
		SP [-20mV+]		0		20	0.2	30 IN Resistivity (Ohm-m) 2000		Density Porosity	
0		SGR (GAPI)		200	NORM (Ohm-m)	0.2	60 IN Resistivity (Ohm-m) 2000		0.3	(Porosity Decimal Fraction) -0.1	
		Line Tension				0.2	90 IN Resistivity (Ohm-m) 2000		Crossplot Porosity		
		5000	(lb)	0					0.3	(Porosity Decimal Fraction) -0.1	
								0	PE	10	Density Correction
										0.8	(g/cc) -0.2

Released to Imaging: 5/20/2024 4:59:21 PM



Repeat Pass

Log Variables DatabaseC:\Sondex\Sondex Warrior\Data\enduringreswlybrook.db
Dataset West_Lybrook/well/run1/main/_vars_

Top - 417.97 ft

AIR_HOLE?	BOREID in	BOTTEMP degF	CASED?	CASEOD in	CASETHCK in	CASEWGHT lb/ft	DE-CENT
No	14.5	149	Yes	13.375	0	40	Yes
DEVI deg	FLUIDDEN g/cc	FRMSALIN kppm	MATRXDEN g/cc	MUDSALIN kppm	MudWgt lb/gal	NPORSEL	PERFS
0	1	0	2.71	0	9.4	Limestone	0
SO in	SPSHIFT mV	SRFTEMP degF	TDEPTH ft				
0.5	0	68	7408				

417.97 ft - Bottom

AIR_HOLE?	BOREID in	BOTTEMP degF	CASED?	CASEOD in	CASETHCK in	CASEWGHT lb/ft	DE-CENT
No	8.75	149	No	7	0	26	Yes
DEVI deg	FLUIDDEN g/cc	FRMSALIN kppm	MATRXDEN g/cc	MUDSALIN kppm	MudWgt lb/gal	NPORSEL	PERFS
0	1	0	2.71	0	9.4	Limestone	0
SO in	SPSHIFT mV	SRFTEMP degF	TDEPTH ft				
0.5	0	68	7408				

Calibration Report

Database File enduringreswlybrook.db
Dataset Pathname West_Lybrook/well/run1/pass5
Dataset Creation Tue Jan 15 11:30:34 2019 by Log Sondex

Induction Array Tool Calibration Report

Serial Number: B10110
Tool Model: 002

Master Calibration Performed: Fri Oct 26 15:32:33 2018
Temperature: 94.8 degF

Sonde Error:

Array	1	2	3	4	5	6	7	
Real	192.0	-12.7	-40.5	-15.0	-2.0	2.3	2.9	mmho/m
Imaginary	-18.2	5.6	-8.9	-11.8	-22.5	-1.2	5.1	mmho/m

Loop Gain:

Array	1	2	3	4	5	6	7	
Loop (real)	537.7	678.5	1295.3	1394.1	1144.8	712.8	404.8	mmho/m
Loop (imaginary)	73.3	92.5	389.8	419.5	344.5	214.5	121.8	mmho/m
Real	754.6	727.3	1235.4	1365.6	1152.8	736.4	421.2	mmho/m
Imaginary	57.5	104.4	378.7	408.4	324.7	218.8	133.9	mmho/m
Gain (mV)	0.050	0.017	1.015	1.010	0.004	0.071	0.000	

Before Survey Verification Performed:				Tue Jan 15 07:30:10 2019			
Sonde 1 Temperature:				91.3 degF			
Sonde 2 Temperature:				93.3 degF			
Array 1 Temperature:				93.3 degF			
Array	1	2	3	4	5	6	7
TxIR	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1
TxIX	0.0	0.0	0.2	0.2	0.2	0.2	0.2
Tx Magnitude	0.0	0.0	0.2	0.2	0.2	0.2	0.2
Gain	112.1	152.3	146.9	151.0	151.8	159.4	167.5
RxCR	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0
RxCX	0.1	0.1	0.1	0.1	0.1	0.1	0.1
RxC Magnitude	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Tool Module Parameters							
Software Version:				8.0.0.4			
Borehole Size Source:				CALI			
Mud Resistivity Source:				MUDRES			
Mud Resistivity At Surface:				N/A			
Mud Resistivity Surface Temperature:				N/A			
Borehole Corrections:				Automatic			
Minimum Standoff:				0.4 in			
Litho Density Tool Calibration Report							
Serial Number:				B0872S70997B			
Tool Model:				B10872			
Caliper Calibration Performed:				Mon Jan 07 16:48:54 2019			
	Diameter			Reading			
Small Ring:	9.000	in		1709.800	cps		
Large Ring:	13.000	in		2058.300	cps		
Gain:	0.0115						
Offset:	-10.6247						
Master Calibration Performed:				Mon Jan 07 16:27:47 2019			
Source Number:				70997B			
Medium:				Water			
Al Block Density:				2.6002 g/cc			
	Background		Al Block	Al Block + Fe			
SS1	677.4		4467.7	3791.9	cps		
SS2	1927.0		30904.2	26367.3	cps		
SSTOTAL	4505.5		49338.8	41684.1	cps		
LITH	96.2		509.0	303.4	cps		
LL	188.4		862.2	753.9	cps		
LU	542.8		1119.9	1033.7	cps		
LS	731.2		1982.1	1787.6	cps		
LSTOTAL	1379.4		4808.5	3883.4	cps		
SSHV	1468.8		1474.0	1474.3	V		
LSHV	1414.7		1419.6	1421.4	V		
SSFF	-0.011		0.005	0.006			
LSFF	0.005		0.002	-0.007			

SS1	677.4	692.2	690.2	cps
SS2	1927.0	1946.8	1946.4	cps
SSTOTAL	4505.5	4577.9	4562.5	cps
LITH	96.2	98.4	95.6	cps
LL	188.4	188.2	186.7	cps
LU	542.8	548.0	551.3	cps
LS	731.2	736.1	738.0	cps
LSTOTAL	1379.4	1392.8	1389.2	cps
SSHV	1468.8	1461.4	1461.7	V
LSHV	1414.7	1407.4	1407.9	V
SSFF	-0.011	0.007	-0.014	
LSFF	0.005	0.016	0.003	

Tool Module Parameters				
Software Version:			8.0.0.6	
Borehole Size Source:			CALI	
Pad Type:			2	

Compensated Neutron Tool Calibration Report

Serial Number:	C2541S59796G
Tool Model:	009

Master Calibration Performed:	Thu Jan 03 15:00:01 2019			
Source Number:	59796G			
Short Spacing Counts:	4187.83		cps	
Long Spacing Counts:	156.76		cps	
High Voltage:	1367.67		V	
Target Ratio:	26.6600			
Ratio:	26.7144			
K-Factor:	0.9980			

Before Survey Verification Performed:				
After Survey Verification Performed:				
Verifier Number:	6490NN			
Verifier Values	Master Cal	Before Survey	After Survey	
Short Spacing Counts:	247.78			cps
Long Spacing Counts:	253.81			cps
High Voltage:	1367.62			V
Ratio:	0.9762			

Tool Module Parameters				
Software Version:	8.0.0.5			
Borehole Size Source:	CALI			
Clip Crossplot Porosity:	YES			
Lithology Identification Parameters:				
	Calcite	Quartz	Dolomite	
Uma:	13.77	4.79	9.03	barns/cc
RHOMA:	2.71	2.65	2.88	g/cc

Micro Electric Log Calibration Report

Serial Number:	002220331
Tool Model:	001

Caliper Calibration Performed:	Thu Jan 10 10:00:24 2019
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	Pad Arm			Backup Arm		
	Radius		Reading	Radius		Reading
Small Jig:	4.000	in	1353.200	4.000	in	1365.300
Large Jig:	6.000	in	1402.600	6.000	in	1410.500
Gain:			0.0405			0.0442
Offset:			-50.7854			-56.4115

Pad Calibration

	Inverse	Normal
Gain:	1.0000	1.0000
Offset:	0.0000	0.0000

Tool Module Parameters

Software Version: 8.0.0.4

Borehole Fluid Resistivity Calibration Report

Serial Number: 000001
Tool Model: 001

Master Calibration Performed: Thu Sep 16 10:07:52 2010

Resistivity Polynomial Equation:

$$0.2530x^2 + 0.5610x + 0.0310$$

Temperature Calibration:

Reference		Reading	
53.60	degF	846.40	bits
107.42	degF	919.20	bits

Spectral Gamma Ray Calibration Report

Serial Number: 10012700
Tool Model: 003

Performed: Thu Jan 10 12:00:24 2019

Source Number: #14
Calibrator Value: 207.0 API

Background Reading: 151.7 cps
Calibrator Reading: 1681.1 cps

Sensitivity: 0.135 API / cps

Performed: Fri Jan 11 11:30:32 2019

Verifier Number: 571

Concentrations	K %	U ppm	T ppm
	5.4	6.9	25.3

K Peak: Passed
U Peak:
T Peak:

Before Survey Verification Performed: Tue Jan 15 07:15:24 2019
After Survey Verification Performed: Tue Jan 15 15:35:24 2019

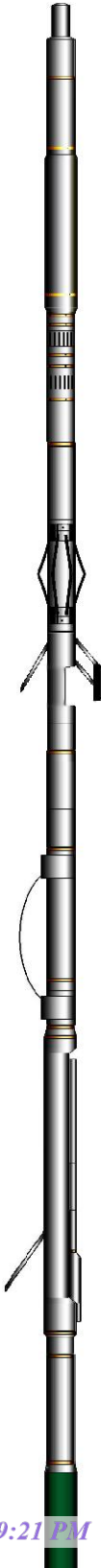
	Before Survey	After Survey	
Background Reading:	154.5	152.8	cps
Verifier Reading:	1207.5	1184.5	cps

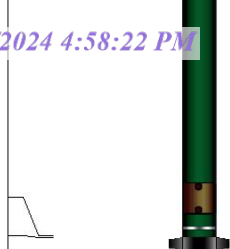
Passed
Passed
Passed

U Peak:
T Peak:

Tool Module Parameters

Software Version: 8.0.0.5
Borehole Correction: No
Stand Off: N/A
Mud Type: N/A
Borehole Size Source: N/A

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
CHD	53.66		CHD-001 (10012297) Cable Head	2.19	3.38	35.00
			XTU-008 (C10001400) Crossover Ultrawire Toolbus to Ultralink	2.08	3.38	47.00
SGR	46.32		SGR-003 (10012700) Spectral Gamma Ray Tool	4.94	3.88	120.00
BFR	42.65		BFR-001 (000001) Borehole Fluid Resitivity	3.80	3.38	75.00
Overbody	38.20		Overbody-Over-cen Overbody Centralizer	3.00	3.38	10.00
			MEL-001 (002220331) Micro Electric Log	9.17	3.38	190.00
MEL	33.28					
KJT	31.49		KJT-001 (10010515) Knuckle Joint	2.86	3.38	72.00
CNLSC	25.59		CNL-009 (C2541S59796G) Compensated Neutron Logging Tool	5.28	3.38	100.00
CNSSC	25.09					
			LDT-B10872 (B0872S70997B) Litho Density Tool	9.75	4.50	310.00
LDT	15.44					
			LDT-002 (D101110)	10.00	3.38	100.00

SP 0.43
BN 0.38BN-SOFF (000001)
Bottom Nose Standoff

0.38 6.88 6.00

Dataset: enduringreswlybrook.db: West_Lybrook/well/run1/main
Total length: 53.66 ft
Total weight: 1161.00 lb
O.D.: 6.88 in

Company: Enduring Resources

Well: West Lybrook Unit 2309-24 N WSW

Field: West Lybrook

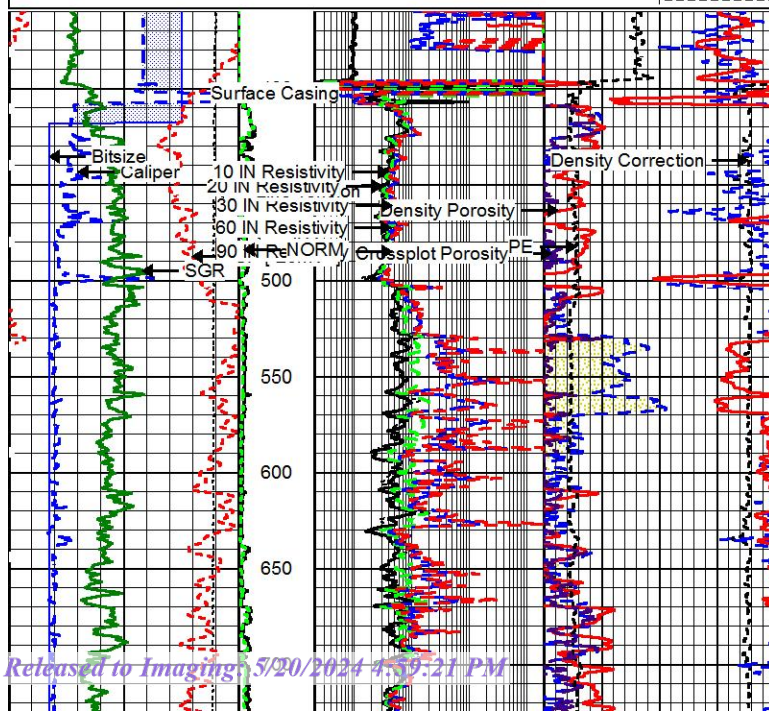
State: New Mexico

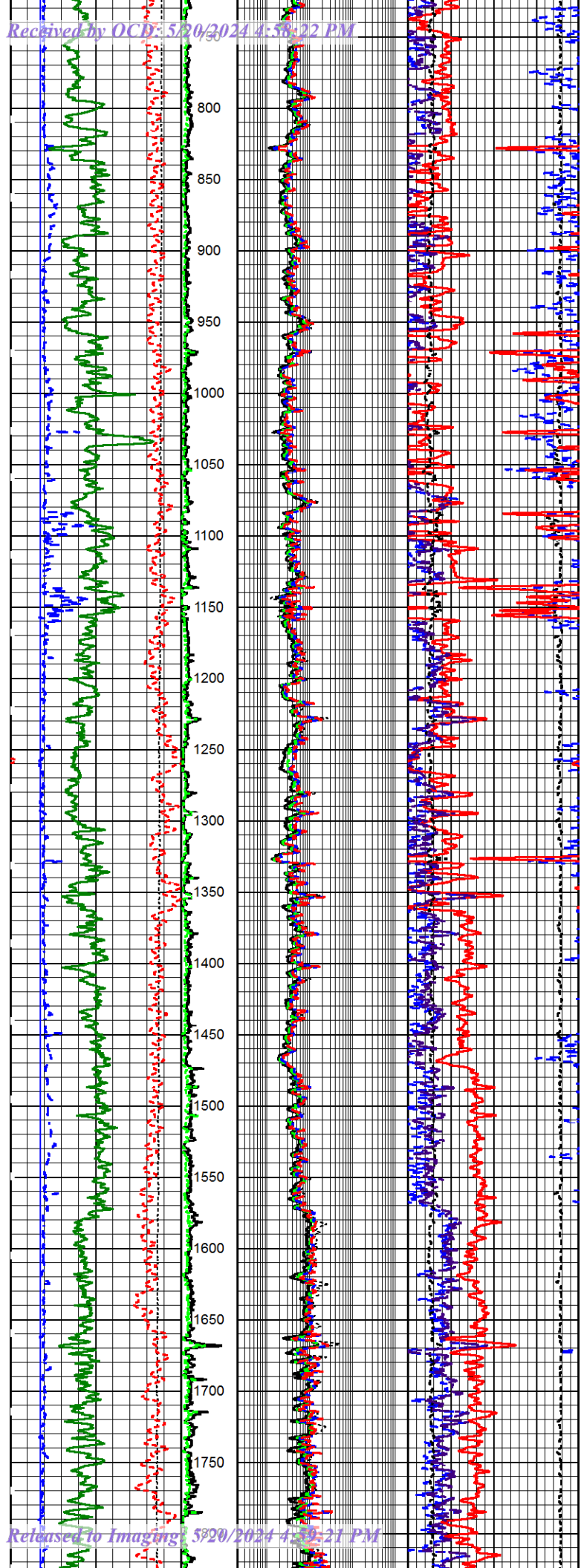


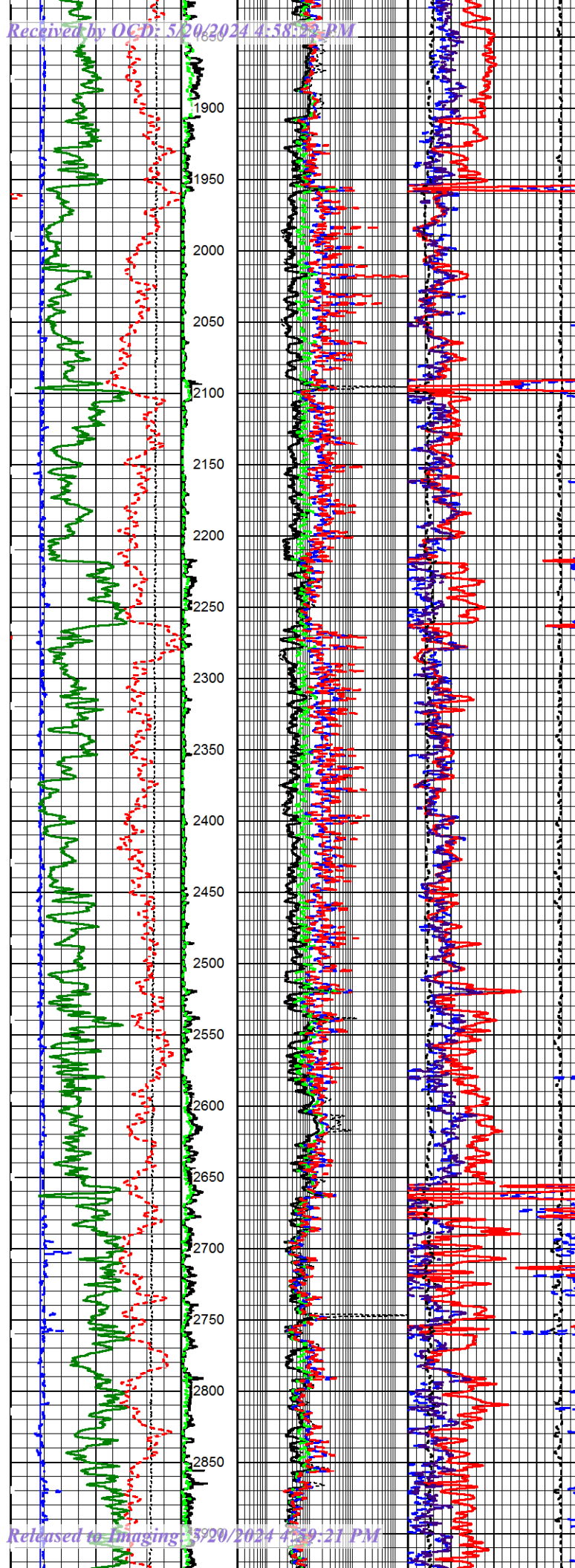
Main Pass

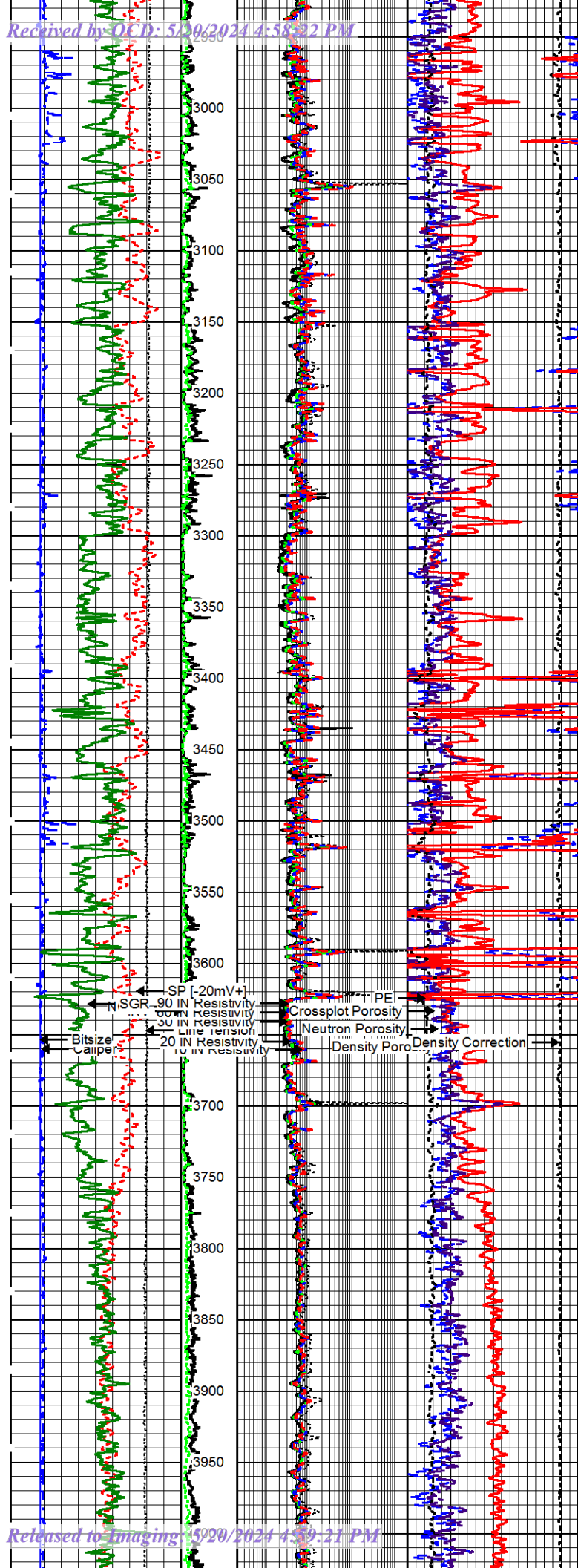
Database File enduringreswlybrook.db
Dataset Pathname West_Lybrook/well/run1/main
Presentation Format 3com_iat
Dataset Creation Tue Jan 15 15:23:37 2019
Charted by Depth in Feet scaled 1:1200

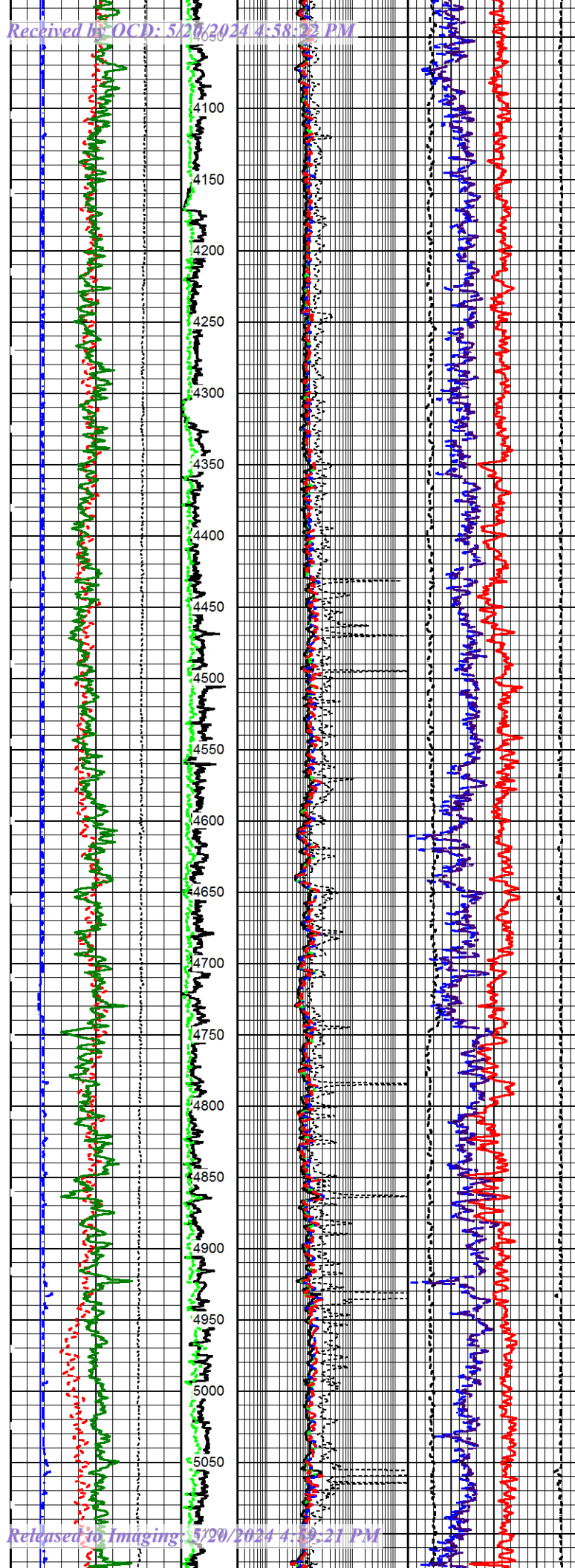
7	Bitsize (in)	17	INV	10 IN Resistivity	Neutron Porosity
7	Caliper (in)	17	Ohm-m	0.2 (Ohm-m) 2000	Porosity Decimal Fraction
	SP [-20mV+]	0 20		20 IN Resistivity	0.3 -0.1
0	SGR (GAPI)	200	NORM	0.2 (Ohm-m) 2000	Density Porosity
	Line Tension	Ohm-m		30 IN Resistivity	Porosity Decimal Fraction
	5000lb) 0	0 20		0.2 (Ohm-m) 2000	0.3 -0.1
				60 IN Resistivity	Crossplot Porosity
				0.2 (Ohm-m) 2000	Porosity Decimal Fraction
				90 IN Resistivity	0.3 -0.1
				0.2 (Ohm-m) 2000	0 PE 10 Density Correcti
					(g/cc)
					0.8 -0.2

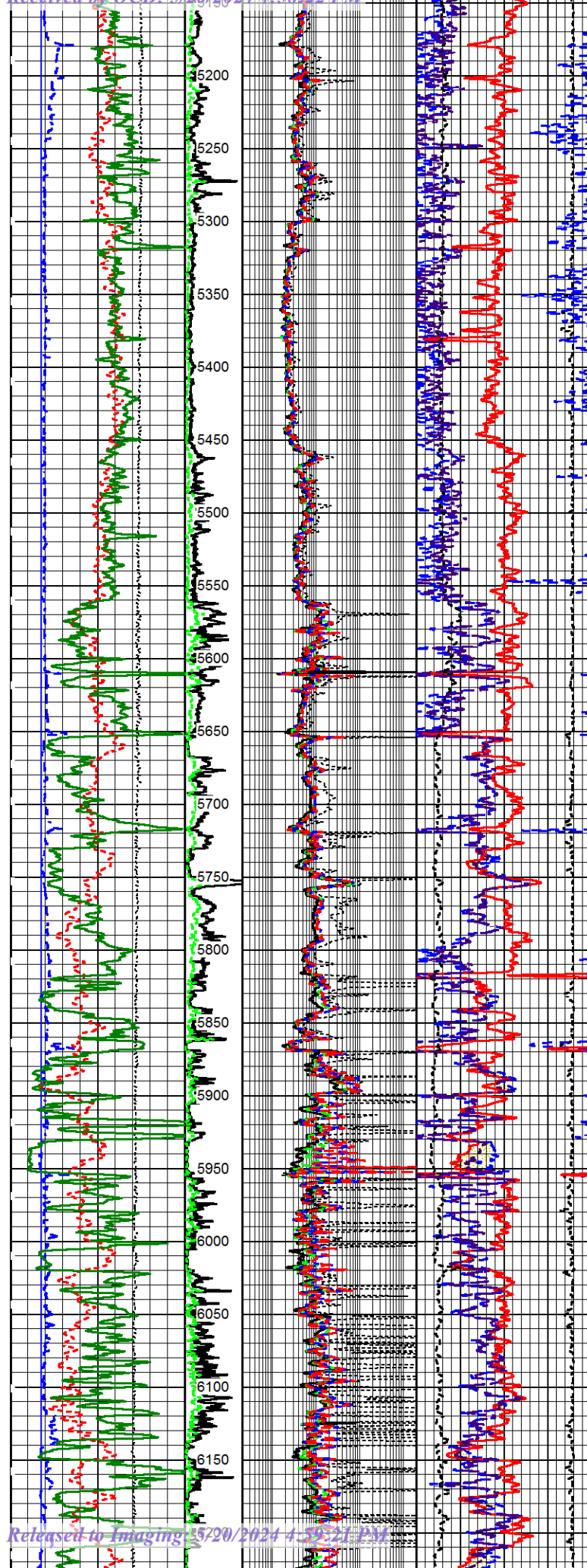


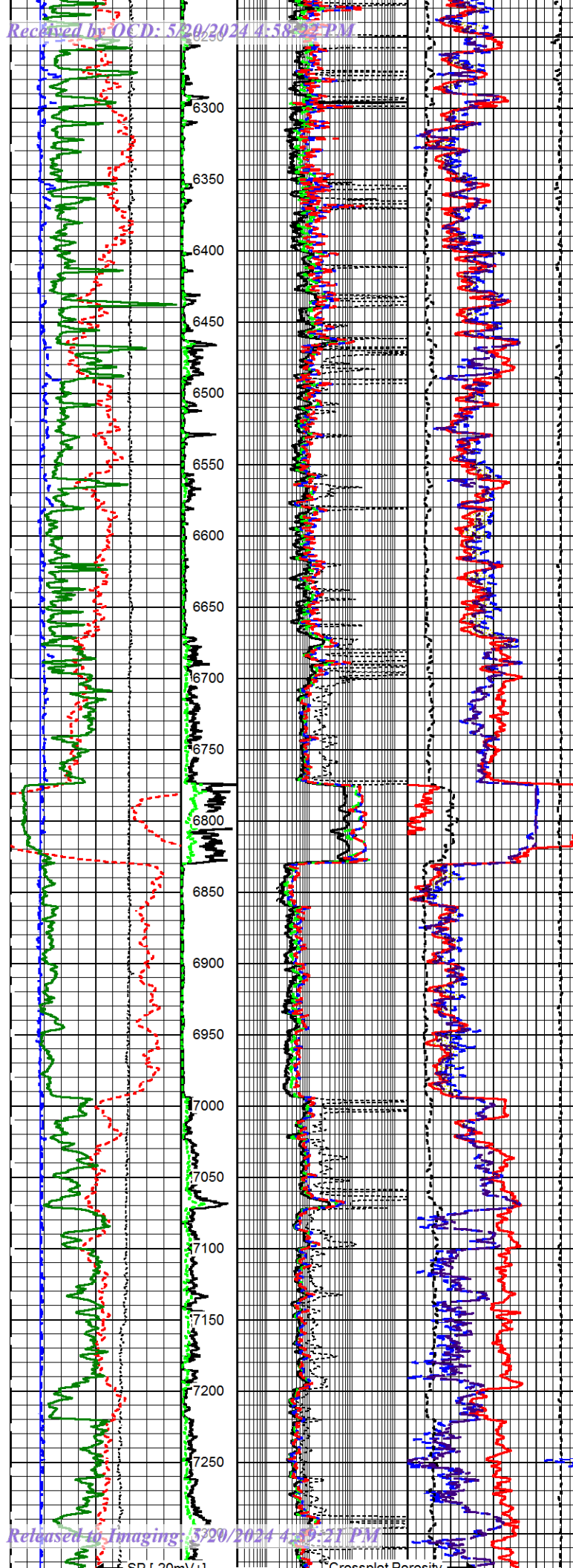


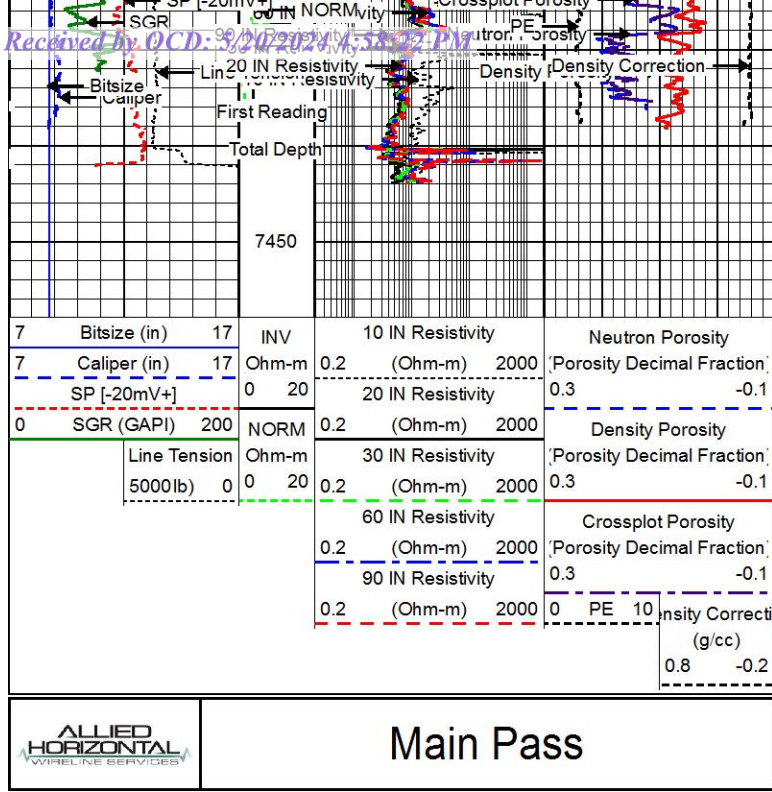












ENCLOSURE I: PROOF OF NOTIFICATION

Farmington Daily Times

PART OF THE USA TODAY NETWORK

Affidavit of Publication

Ad # 0004627319

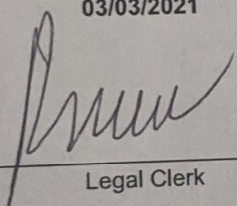
This is not an invoice

LT ENVIRONMENTAL, IN C.
848 EAST SECOND AVENUE DURANGO

DURANGO, CO 81301

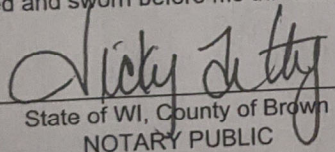
I, being duly sworn say: **Farmington Daily Times**, a daily newspaper of general circulation published in English at Farmington, said county and state, and that the hereto attached Legal Notice was published in a regular and entire issue of the said DAILY TIMES, a daily newspaper duly qualified for the purpose within the State of New Mexico for publication and appeared in the internet at The Daily Times web site on the following days(s):

03/03/2021



Legal Clerk

Subscribed and sworn before me this March 3, 2021:



State of WI, County of Brown
NOTARY PUBLIC

9-19-21

My commission expires

Ms. Deidre Duffy, a representative of Enduring Resources IV, LLC, 200 Energy Court, Farmington, New Mexico 87401 (970-385-1096), wishes to provide notification for the submittal of an Application for Authorization to Inject to the New Mexico Oil Conservation Division (NMOCD). The application requests the use of existing diversion well SJ-4301 POD3 (WLU 2309-24N WSW), permitted with the New Mexico Office of the State Engineer (NMOSE), for the use as a Class II injection well. The well is located in San Juan County, New Mexico at latitude 36.205958°N, longitude 107.740891°W. This well will be used to inject fluids produced from the enhanced recovery of oil and/or natural gas in the San Juan Basin. Fluids will be injected into the Entrada Geologic Formation at depths between 6,851 feet and 6,990 feet below ground surface. Maximum injection rates and pressures are anticipated to be 20,000 barrels of water per day and 2,000 pounds per square inch gauge, respectively. Interested parties may contact the Oil Conservation Division, 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505, within 15 days. #4627319, Daily Times, March 3, 2021

VICKY FELTY
Notary Public
State of Wisconsin

Ad # 0004627319

PO #:

of Affidavits 1

This is not an invoice

June 29, 2021

Dear Customer,

The following is the proof-of-delivery for tracking number: 774083612306

Delivery Information:

Status:	Delivered	Delivered To:	
Signed for by:	JROSADO	Delivery Location:	6251 COLLEGE BLVD
Service type:	FedEx Ground		
Special Handling:			Farmington, NM, 87402
		Delivery date:	Jun 25, 2021 13:24

Shipping Information:

Tracking number:	774083612306	Ship Date:	Jun 24, 2021
		Weight:	5.0 LB/2.27 KG

Recipient: Ryan Joyner, BLM NM- Farmington Field Office 6251 College Blvd Suite A FARMINGTON, NM, US, 87402	Shipper: Cortney Cook, WSP USA Inc. 848 E. 2nd Ave. DURANGO, CO, US, 81301
--	--

Purchase Order TE077921005



Thank you for choosing FedEx

Well Name: W LYBROOK UT	Well Location: T23N / R9W / SEC 23 / SWSW / 36.206767 / -107.765027	County or Parish/State: SAN JUAN / NM
Well Number: 726Y	Type of Well: OIL WELL	Allottee or Tribe Name: EASTERN NAVAJO
Lease Number: N0G13121863	Unit or CA Name:	Unit or CA Number: NMNM135216A, NMNM135216X
US Well Number: 3004535769	Well Status: Drilling Well	Operator: ENDURING RESOURCES LLC

Notice of Intent

Type of Submission: Notice of Intent

Date Sundry Submitted: 04/29/2021

Date proposed operation will begin: 05/12/2021

Type of Action Facility

Time Sundry Submitted: 02:54

Procedure Description: Enduring Resources IV, LLC is requesting permission from the BLM to utilize an existing facility containing a water supply well located on BLM-owned surface, WLU 2309-24N (NMOSE well SJ-4301 POD3), as an injection well for recovered fracturing water from production well completions. The existing well is completed in the Entrada Formation, with water currently extracted for use in production well completions. The Entrada Formation contains low quality water and the formation is commonly used for both extraction and injection purposes in the San Juan Basin. The proposed injected water would be of similar quality to the existing water present in the Entrada Formation. Enduring would like to use the existing well alternatively for both extraction and injection purposes. Currently, the New Mexico Oil Conservation Division (NMOCD) has jurisdiction for permitting salt-water disposal wells (Class II injection wells) and requires that surface owners grant permission for such use. Please see the attached NMOCD Form C-108, Application for Authorization to Inject, for complete details regarding the existing well and proposed use for injection.

Surface Disturbance

Is any additional surface disturbance proposed?: No

Well Name: W LYBROOK UT	Well Location: T23N / R9W / SEC 23 / SWSW / 36.206767 / -107.765027	County or Parish/State: SAN JUAN / NM
Well Number: 726Y	Type of Well: OIL WELL	Allottee or Tribe Name: EASTERN NAVAJO
Lease Number: N0G13121863	Unit or CA Name:	Unit or CA Number: NMNM135216A, NMNM135216X
US Well Number: 3004535769	Well Status: Drilling Well	Operator: ENDURING RESOURCES LLC

Conditions of Approval

Additional Reviews

Form_C_108_SJ4301_POD3_20210611151106.pdf

Operator Certification

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: STUART HYDE	Signed on: APR 29, 2021 02:53 PM
Name: ENDURING RESOURCES LLC	
Title: Geologist	
Street Address: 848 E. 2ND AVE	
City: DURANGO	State: CO
Phone: (970) 903-1607	
Email address: STUART.HYDE@WSP.COM	

Field Representative

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: DAVE J MANKIEWICZ	BLM POC Title: AFM-Minerals
BLM POC Phone: 5055647761	BLM POC Email Address: DMANKIEW@BLM.GOV
Disposition: Approved	Disposition Date: 06/14/2021
Signature: Dave Mankiewicz	

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
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
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 346083

CONDITIONS

Operator: NEW MEXICO ENERGY MINERALS & NATURAL RESOURCE 1220 S St Francis Dr Santa Fe , NM 87504	OGRID: 264235
	Action Number: 346083
	Action Type: [IM-SD] Well File Support Doc (ENG) (IM-AWF)

CONDITIONS

Created By	Condition	Condition Date
pgoetze	None	5/20/2024