AFMSS
U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Well Completion Print

02/22/2024

Operator Name AMEREDEV OPERATING LLC	**Well Name** HOLLY FED COM 26 36 05	**Well Number** 111H	**US Well Number** 3002546494
SHL Lot D Sec 5 26S 36E	**County** LEA	**State** NM	**Lease Number(s)** NMNM137470
Well Type OIL WELL	**Well Status** Drilling Well	**Agreement Name** Holly 26 36 05 Federal Com	**Agreement Number(s)** NMNM141283
Allottee/Tribe Name	**Well Pad Name** RB/HOL	**Well Pad Number** 1S	**APD ID** 10400041943

Section 1 - General

Well Completion Report Id: 79749

Submission Date: 08-16-2021

BLM Office: Carlsbad Field Office

User: CHRISTIE HANNA

Title: Senior Engineering Technician

Federal/Indian: FEDERAL

Lease Number: NMNM137470

Lease Acres: 440

Agreement in place?: NO

Federal or Indian Agreement: FEDERAL

Agreement Number: NMNM141283

Agreement Name: Holly 26 36 05

Additional Information

Keep this Well Completion Report confidential?: NO

APD Operator: AMEREDEV OPERATING LLC

Section 2 - Well

Field/Pool or Exploratory:

Pool Name: WOLFCAMP, WEST

Field Name: JAL

Well Type: OIL WELL

Spud Date: 12-23-2019

Date Total Measured Depth Reached: 03-24-2020

Drill & Abandon or Ready To Produce: READY TO PRODUCE

Well Class: HORIZONTAL

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Allottee/Tribe Name
Well Pad Name RB/HOL
Well Pad Number 1S
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Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
RUSTLER ANHYDRITE	ANHYDRITE		3007	1032	1032	NONE	
SALADO	SALT		1532	1475	1475	NONE	
TANSILL	LIMESTONE		-204	3211	3211	NONE	
CAPITAN REEF	LIMESTONE		-764	3771	3771	USEABLE WATER	
LAMAR	LIMESTONE		-2072	5079	5079	NONE	
BELL CANYON	SANDSTONE		-2982	5989	5989	NATURAL GAS, OIL	
BRUSHY CANYON	SANDSTONE		-4049	7056	7056	NATURAL GAS, OIL	
BONE SPRING LIME	LIMESTONE		-5189	8196	8196	NONE	
BONE SPRING 1ST	SANDSTONE		-5423	8430	8430	NATURAL GAS, OIL	
BONE SPRING 2ND	SANDSTONE		-6582	9589	9589	NATURAL GAS, OIL	
BONE SPRING 3RD	LIMESTONE		-7091	10098	10098	NONE	
BONE SPRING 3RD	SANDSTONE		-7684	10691	10691	NATURAL GAS, OIL	
WOLFCAMP	SHALE		-8608	11615	11615	NATURAL GAS, OIL	

Completion and Completed

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Well Pad Number 1S
APD ID 10400041943

Completion Data

Wellbore Code	Completion Code	Interval Number	Case Number	Lease Number	Well Completion Type	Describe Well Completion Type	Completion Status	Date Completed	Date First Produced	Formation	Interval Top (MD)	Interval Bottom (MD)	Interval Perforated?	Perforation Size	Number of Holes	Status of Interval
00	S1	1	NMNM141283	NMNM137470	NEW		POW	06-02-2021	06-02-2021	WOLFCAMP	12007	22295	Y	.49	5106	OPEN

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Totle Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	S1	1	Y	FRAC	683790	3113064	Total proppant should be 31,130,648 lbs. There are not enough characters to write that in above.

Production Data

Wellbore Code	Completion Code	Interval Number	API Oil Gravity	Gas Gravity	Production Method	Describe Production	Disposition of Gas	Describe Disposition
00	S1	1	42.9	0.94	FLOWS FROM WELL		SOLD	

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Well Status Drilling Well
Agreement Name Holly 26 36 05 Federal Com
Agreement Number(s) NMNM141283
Allottee/Tribe Name
Well Pad Name RB/HOL
Well Pad Number 1S
APD ID 10400041943

Test Data

Wellbore Code	Completion Code	Interval Number	Test Date	Hours Tested	24-Hour Rate Oil (bbls)	24-Hour Rate Gas (MCF)	24-Hour Rate Water(BWPD)	Gas-Oil Ratio (SCF/Bbl)	Choke Size	Tubing PRessure	Tubing Pressure Shut-In (psi)	Casing Pressure (psi)
00	S1	1	06/11/2021	24	1298	1518	2680	1169	64/64	947		682

Well Location

Survey Type: RECTANGULAR
Survey Number: 18329
Datum: NAD83
Vertical Datum: NAVD88
Reference Datum:

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	MD (ft)	TVD (ft)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lot/Tract
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.0789465	-103.294738	3007	N/A	N/A	FEDERAL	NMNM 137470				230	FNL	290	FWL	26S	36E	5	Lot D
KOP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.0802997	-103.29433	-8118	11152	11125	STATE	STATE				264	FSL	412	FWL	25S	36E	32	SWSW
PPP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.0650616	-103.2943447	-8800	17216	11807	FEDERAL	NMNM 137473				0	FNL	460	FWL	26S	36E	8	NWNW
PPP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.0793027	-103.2950851	-8727	12012	11734	FEDERAL	NMNM 137470				100	FNL	183	FWL	26S	36E	5	NWNW

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EXIT Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.050676	-103.2943507	-8923	22300	11930	FEDERAL	NMNM137473				48	FSL	397	FWL	26S	36E	8	SWSW
BHL Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.050676	-103.2943507	-8934	22439	11941	FEDERAL	NMNM137473	11930	22300	Composite Bridge Plug	48	FSL	397	FWL	26S	36E	8	Lot M

Casing, Liner and Tubing

Casing and Liner

Wellbore Code	Casing String Type	Hole Size	Top Setting Depth (MD)	Bottom Setting Depth (MD)	Casing Size	Wt(lbs/ft)	Casing Grade	Describe Other Casing Grade	Joint	Other Joint	Amount Pulled (ft)
00	SURFACE	17.5	0	1275	13.375	68	J-55		OTHER	BTC	
00	INTERMEDIATE	9.875	0	10969	7.625	29.7	HCL-80		OTHER	BTC	

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Casing and Liner

Wellbore Code	Casing String Type	Hole Size	Top Setting Depth (MD)	Bottom Setting Depth (MD)	Casing Size	Wt(lbs/ft)	Casing Grade	Describe Other Casing Grade	Joint	Other Joint	Amount Pulled (ft)
00	PRODUCTION	6.75	0	22439	5.5	23	OTHER	P-110	OTHER	MS2 Anaconda GT	

Cementing

Wellbore Code	Casing String Type	Stage Tool Depth	Cement Lead Type	Cement Lead Qty (sks)	Cement Lead Yield (cu.ft/sks)	Cement Lead Top (MD)	Cement Tail Type	Cement Tail Qty (sks)	Cement Tail Yield(cu.ft/sks)	Cement Tail Top (MD)	Total (Lead + Tail) Cement Slurry Volume
00	SURFACE		CLASS C	1340	1.33	0					317.4
00	INTERMEDIATE	3340	Class H	780	2.29	0	Class H	150	1.32	2945	2586.4
00	INTERMEDIATE	3340	Class H	1000	4.45	0	Class H	860	1.18	6240	2586.4
00	PRODUCTION		Class H	188	2.54	7592	Class H	1050	1.18	7592	305.7

Tubing

Wellbore Code	Tubing Size	Describe Other	Tubing Setting Depth (MD/ft)	Packer Depth (MD/ft)	Tubing Weight	Tubing Grade	Describe Other	Tubing Coupling	Describe Other
00	2.375		11206	11206	4	L-80		OTHER	EUE

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Logs

Wellbore Code	Log Upload	Was Well Cored?	Was DST Run?	Directional Survey?	Geologic Report	Wellbore Diagram
00	YES	NO	NO	YES	YES	YES

Operator

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. 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 any department or agency of the United States any false, fictitious or fradulent statements or representations aas to any matter within its jurisdiction. Electronic submission of Well Completion Reports through this system satifies regulations requiring a submission of Form 3160-4 or a Well Completion Report.

Name: AMEREDEV OPERATING LLC

Signed By: CHRISTIE HANNA
Title: Senior Engineering Technician
Signed on: 11/07/2023

Street Address: 2901 VIA FORTUNA, SUITE 600

City: AUSTIN
State: TX
Zip: 78746

Phone: (737)300-4723

Email address: CHANNA@AMEREDEV.COM

Field

Representative Name: Shane McNeely

Street Address: 2901 VIA FORTUNA STE. 600

City: AUSTIN
State: TX
Zip: 78746

Phone: (737)300-4729
Extension:

Email address: smcneely@ameredev.com

Attachments

Operator Name AMEREDEV OPERATING LLC	**Well Name** HOLLY FED COM 26 36 05	**Well Number** 111H	**US Well Number** 3002546494
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31604___Holly_111H_20210816091327.pdf

31605___Holly_111H_20210816091335.pdf

C104___Holly_111H_20210816092600.pdf

C105___Holly_111H_20210816092605.pdf

Ameredev_Geoprog_Holly_111H_State_Submittal_20210816092614.pdf

Holly_Fed_Com_26_36_05_111H___Wellbore_Diagram_and_CDA_As_Drilled_20210816092622.pdf

Holly_26_36_05_Fed_Com_111H_Survey_Report_FINAL_20230301122608.pdf

Holly_26_36_05_Fed_Com_111H_2_inch_MD_FINAL_20230301122615.pdf

AD_HOLLY_FED_COM_26_36_05_111H_S_20230301123201.pdf

Holly_26_36_05_Fed_Com_111H___AS_PERMITTED_C_102_20230301123220.pdf

Form 3160-4
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: October 31, 2021

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.

1a. Type of Well ☐ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Competion ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Zones ☐ Hydraulic Fracturing
Other: _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator

8. Well Name and Well No.

3. Address

3a. Phone No. *(Include area code)*

9. API Well No.

4. Location of Well *(Report location clearly and in accordance with Federal requirements)**
At surface

At top prod. interval reported below

At total depth

10. Field and Pool or Exploratory

11. Sec., T., R., M., on Block and Survey or Area

12. County or Parish

13. State

14. Date Spudded

15. Date T.D. Reached

16. Date Completed ☐ D & A ☐ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*

18. Total Depth: MD / TVD

19. Plug Back T.D.: MD / TVD

20. Depth Bridge Plug Set: MD / TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? ☐ No ☐ Yes (Submit analysis)
Was DST run? ☐ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☐ Yes (Submit copy)

23. Casing and Liner Record *(Report all strings set in well)*

Hole Size	Size/Grade	Wt. (#ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled

24. Tubing Record

Size	Dept Set (MD)	Packer Dept (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

Formation	Top	Bottom
A)		
B)		
C)		
D)		

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status

27. Acid, Fracture, Treatment, Cement Squeeze, Post hydraulic fracturing chemical disclosures on FracFocus.org when required by state or federal regulation

Depth Interval	Amount, Type of Material and Date of Chemical Disclosure upload on FracFocus.org as applicable

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API.	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API.	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API.	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API.	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

29. Disposition of Gas *(Solid, used for fuel, vented, etc.)*

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth

32. Additional remarks (include plugging procedure).

33. Indicate which items have been attached by placing a check in the appropriate boxes:

☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☐ Directional Survey

☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name *(please print)* _____ Title _____

Signature _____ Date _____

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.

(Continued on page 3)

INSTRUCTIONS

GENERAL: This form is designed for submitting a complete and correct well completion/recompletion report and log on all types of wells on Federal and Indian leases to a Federal agency, pursuant to applicable Federal laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal office.
If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, and all types electric), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal laws and regulations. All attachments should be listed on this form, see item 33.
ITEM 4: Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local Federal office for specific instructions.
ITEM 17: Indicate which reported elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.
ITEM 23: Show how reported top(s) of cement were determined, i.e. circulated (CIR), or calculated (CAL), or cement bond log (CBL), or temperature survey (TS).

NOTICES

The Privacy Act of 1974 and the regulation in 43 CFR 2.48 (d) provide that you be furnished the following information in connection with information required by this application.
AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. et seq.; 43 CFR 3160.
PRINCIPAL PURPOSE: The information is to be used to evaluate the actual operations performed in the drilling, completing and testing of a well on a Federal or Indian lease.
ROUTINE USES: (1) Evaluate the equipment and procedures used during the drilling and completing/recompleting of a well. (2) The review of geologic zones and formation encountered during drilling. (3) Analyze future applications to drill in light of data obtained and methods used. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.
EFFECT OF NOT PROVIDING INFORMATION: Filing of this report and disclosure of the information is mandatory once a well drilled on a Federal or Indian lease is completed/recompleted.

The Paperwork Reduction Act of 1995 requires us to inform you that:
The BLM collects this information to allow evaluation of the technical, safety, and environmental factors involved with drilling and completing/recompleting wells on Federal and Indian oil and gas leases.
This information will be used to analyze operations and to compare equipment and procedures actually used with those proposed and approved.
Response to this request is mandatory only if the operator elects to initiate drilling and completing/recompleting operations on an oil and gas lease.
The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C Street, N.W., Mail Stop 401 LS, Washington, D.C. 20240.

Additional Information
Location information: 00S1

SHL: LOT: D / 230 FNL / 290 FWL / TWSP: 26S / RNG: 36E / SEC: 5 / LAT: 32.0789465 / LONG: -103.294738
KOP: SWSW / 264 FSL / 412 FWL / TWSP: 25S / RNG: 36E / SEC: 32 / LAT: 32.0802997 / LONG: -103.29433
PPP: NWNW / 100 FNL / 183 FWL / TWSP: 26S / RNG: 36E / SEC: 5 / LAT: 32.0793027 / LONG: -103.2950851
PPP: NWNW / 0 FNL / 460 FWL / TWSP: 26S / RNG: 36E / SEC: 8 / LAT: 32.0650616 / LONG: -103.2943447
EXIT: SWSW / 48 FSL / 397 FWL / TWSP: 26S / RNG: 36E / SEC: 8 / LAT: 32.050676 / LONG: -103.2943507
BHL: LOT: M / 48 FSL / 397 FWL / TWSP: 26S / RNG: 36E / SEC: 8 / LAT: 32.050676 / LONG: -103.2943507

Additional Cement Segments for Casings: 00S1

Hole Size: 9.875, Size/Grade: 7.625 / HCL-80, Wt. (#ft): 29.7, Top (MD): 0, Bottom (MD): 10969
Cementing/Segment - Stage Cementer Depth: 3340, No of Sks: 780.0, Type of Cement: Class H, Slurry Vol BBL: 2586.4, Cement Lead Top: 0.0, Amount Pulled: null

Summary of Porous Zones Information:

Formation: BRUSHY CANYON, Descriptions, Contents, etc: null, Bottom: 7056
Formation: BONE SPRING LIME, Descriptions, Contents, etc: null, Bottom: 8196
Formation: BONE SPRING 1ST, Descriptions, Contents, etc: null, Bottom: 8430
Formation: BONE SPRING 2ND, Descriptions, Contents, etc: null, Bottom: 9589
Formation: BONE SPRING 3RD, Descriptions, Contents, etc: null, Bottom: 10098
Formation: BONE SPRING 3RD, Descriptions, Contents, etc: null, Bottom: 10691
Formation: WOLFCAMP, Descriptions, Contents, etc: null, Bottom: 11615

Attachments: 00S1

Interval Attachments:
1) 31604___Holly_111H_20210816091327.pdf
2) 31605___Holly_111H_20210816091335.pdf

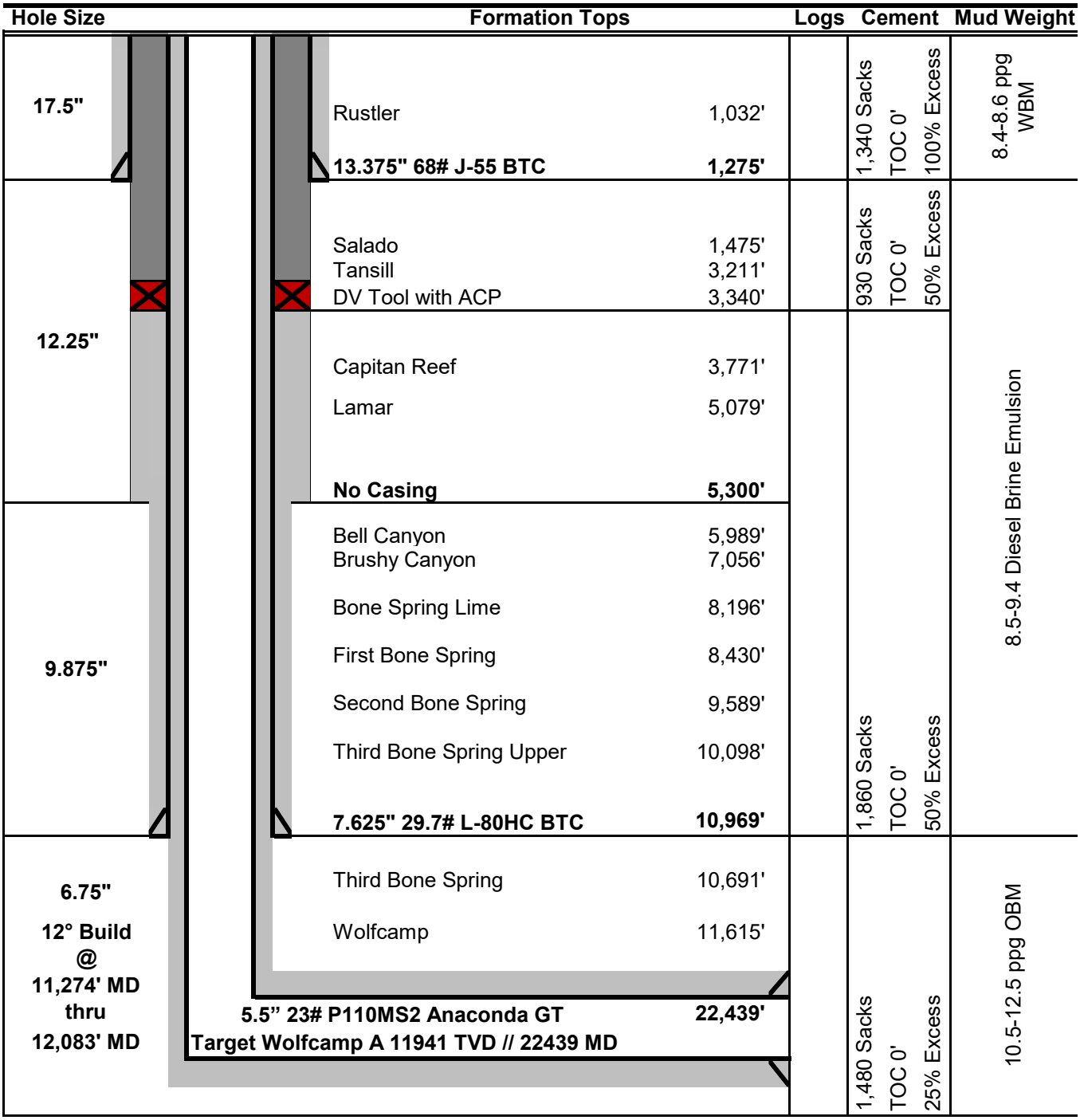
Log Attachments:
1) Holly_Fed_Com_26_36_05_111H___Wellbore_Diagram_and_CDA_As_Drilled_20210816092622.pdf
2) AD_HOLLY_FED_COM_26_36_05_111H_S_20230301123201.pdf
3) Holly_26_36_05_Fed_Com_111H___AS_PERMITTED_C_102_20230301123220.pdf

4) Ameredev_Geoprog_Holly_111H_State_Submittal_20210816092614.pdf
5) Holly_26_36_05_Fed_Com_111H_Survey_Report_FINAL_20230301122608.pdf
6) Holly_26_36_05_Fed_Com_111H_2_inch_MD_FINAL_20230301122615.pdf
7) C104___Holly_111H_20210816092600.pdf
8) C105___Holly_111H_20210816092605.pdf

AMEREDEV
Ameredev II, LLC

As-Drilled Wellbore Schematic

Well:	Holly Fed Com 26-36-05 111H	**Co. Well ID:**	40862
SHL:	Sec. 05 26S-36E 230' FNL & 290' FWL	**AFE No.:**	2019-012
BHL:	Sec. 08 26S-36E 48' FSL & 397' FWL	**API No.:**	30-025-46494
	Lea, NM	**GL:**	3,007'
Wellhead:	A - 13-5/8" 10M x 13-5/8" SOW	**Field:**	Delaware
	B - 13-5/8" 10M x 13-5/8" 10M	**Objective:**	Wolfcamp A
	C - 13-5/8" 10M x 13-5/8" 10M	**TVD:**	11,941'
	Tubing Spool - 7-1/16" 15M x 13-3/8" 10M	**MD:**	22,439'
Xmas Tree:	2-9/16" 10M	**Rig:**	Unit 103 **KB** 27'
Tubing:	2-3/8" L-80 8rd EUE	**E-Mail:**	Wellsite2@ameredev.com



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 Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources
Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

FORM C-102
Revised August 1, 2011
Submit one copy to appropriate District Office

[X] **AMENDED REPORT**
AS-DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1]API Number	[2]Pool Code	[3]Pool Name
30-025-46494	98234	WC-025 G-09 S263619C; WOLFCAMP

[4]Property Code	[5]Property Name	[6]Well Number
326326	HOLLY FED COM 26 36 05	111H

[7]OGRID No.	[8]Operator Name	[9]Elevation
372224	AMEREDEV OPERATING, LLC.	3007'

[10]Surface Location

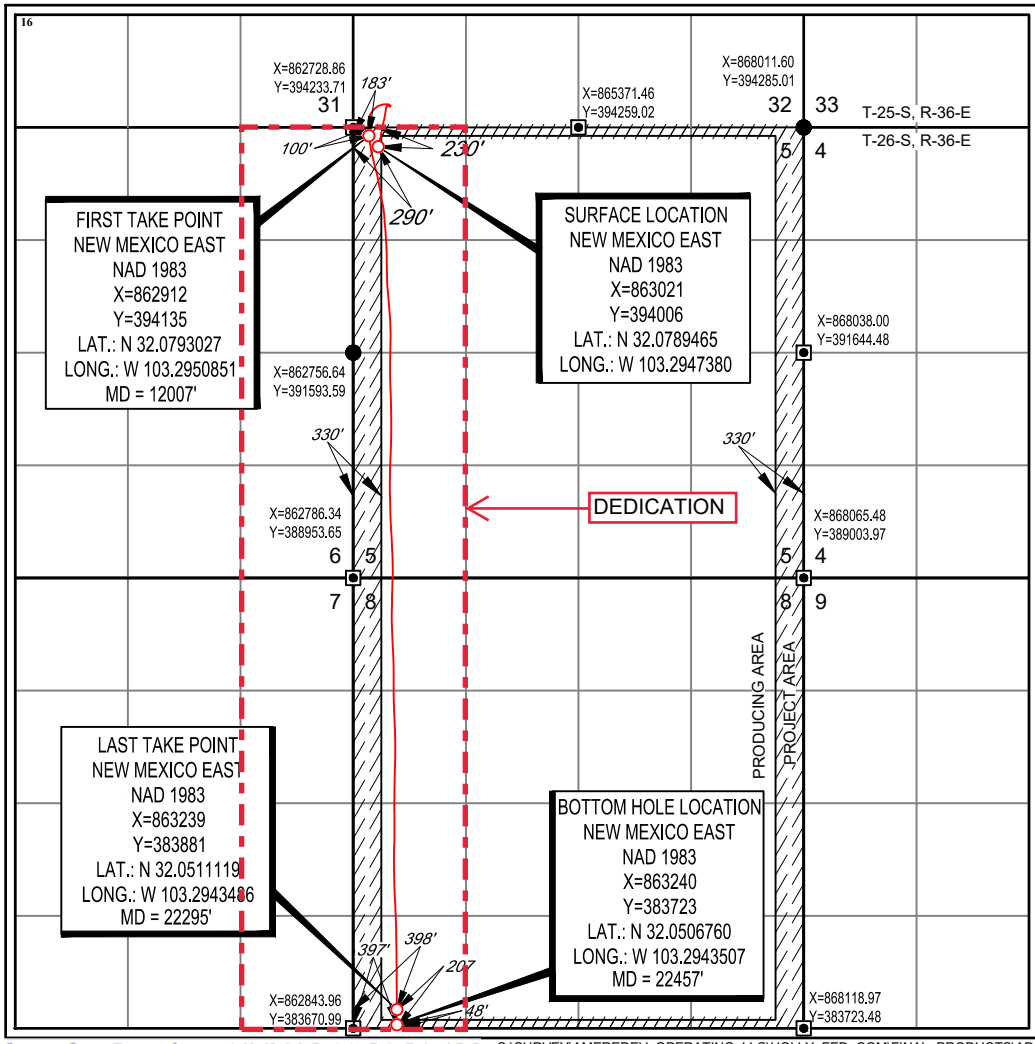
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	5	26-S	36-E	-	230'	NORTH	290'	WEST	LEA

[11]Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	8	26-S	36-E	-	48'	SOUTH	397'	WEST	LEA

[12]Dedicated Acres	[13]Joint or Infill	[14]Consolidation Code	[15]Order No.
640		C	

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



[17]OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

6/30/21
Signature Date

Shane McNeely
Printed Name

smcneely@ameredev.com
E-mail Address

[18]SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true to the best of my belief.

04/30/2018
Date of Survey
Signature and Seal of Professional Surveyor

MICHAEL B. BROWN
NEW MEXICO
18329
PROFESSIONAL SURVEYOR

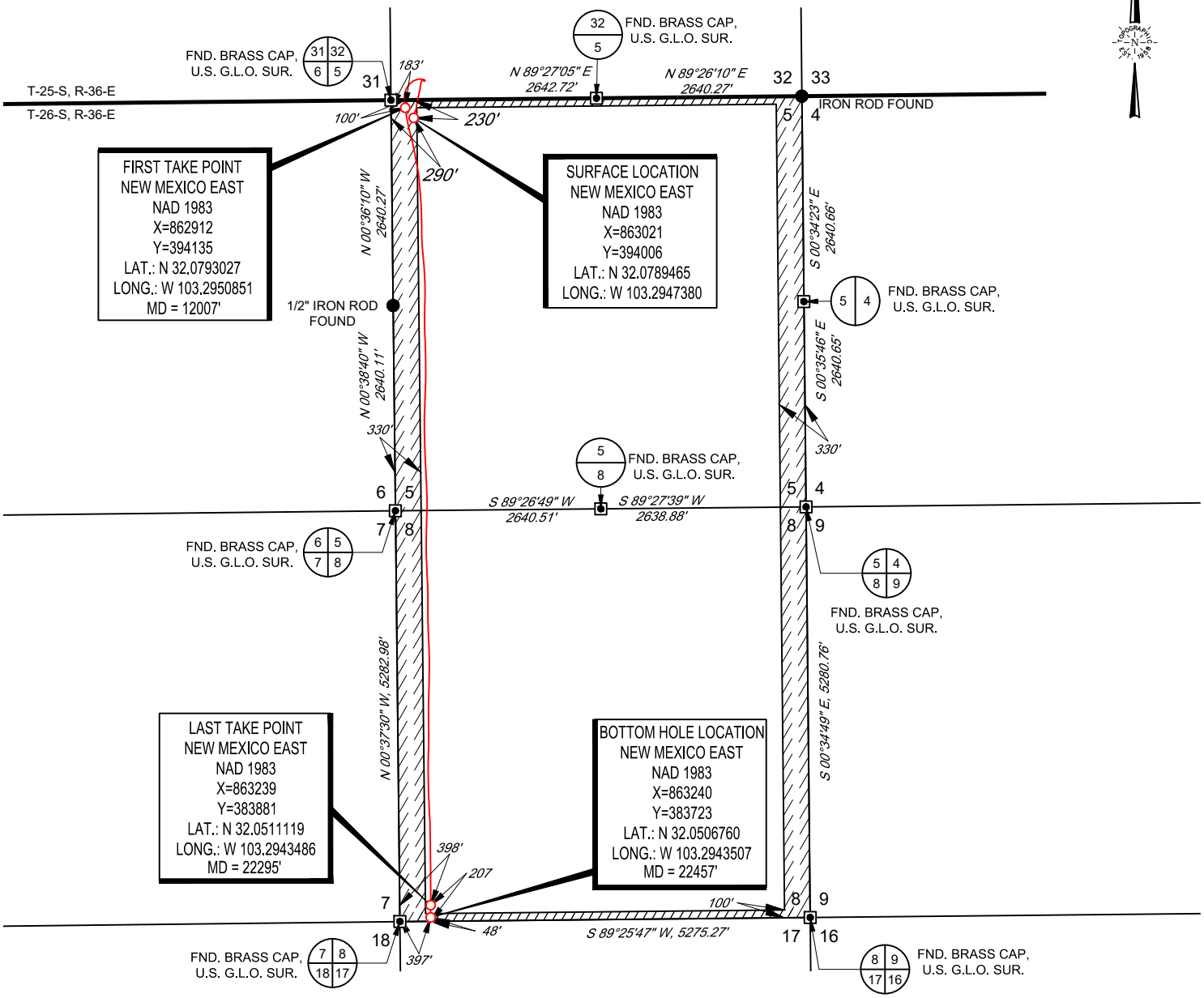
Certificate Number

S:\SURVEY\AMEREDEV_OPERATING_LLC\HOLLY_FED_COM\FINAL_PRODUCTS\AD_HOLLY_FED_COM_26_36_05_111H.DWG 7/26/2021 10:39:59 AM ccaston

SCALE: 1" = 2000'

0' 1000' 2000'

SECTION 5, TOWNSHIP 26-S, RANGE 36-E, N.M.P.M.
LEA COUNTY, NEW MEXICO



LEASE NAME & WELL NO.: HOLLY FED COM 26 36 05 111H

SECTION 5 TWP 26-S RGE 36-E SURVEY N.M.P.M.

COUNTY LEA STATE NM ELEVATION 3007'

DESCRIPTION 230' FNL & 290' FWL

MICHAEL B. BROWN NEW MEXICO 18329 PROFESSIONAL SURVEYOR

AMEREDEV OPERATING, LLC

TOPOGRAPHIC LOYALTY INNOVATION LEGACY
1400 EVERMAN PARKWAY, Ste. 146 • FT. WORTH, TEXAS 76140
TELEPHONE: (817) 744-7512 • FAX (817) 744-7554
TEXAS FIRM REGISTRATION NO. 10042504
WWW.TOPOGRAPHIC.COM

Michael Blake Brown, P.S. No. 18329

HOLLY FED COM 26 36 05 111H AS-DRILLED	REVISION:	
DATE: 05/06/21		
FILE: AD_HOLLY_FED_COM_26_36_05_111H		
DRAWN BY: EAH		
SHEET : 1 OF 1		

NOTES:
1. ORIGINAL DOCUMENT SIZE: 8.5" X 11"
2. ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREIN ARE GRID BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1983, EAST ZONE, U.S. SURVEY FEET.
3. THIS WELL LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY AMEREDEV OPERATING, LLC. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.

S:\SURVEY\AMEREDEV_OPERATING_LLC\HOLLY_FED_COM\FINAL_PRODUCTS\AD_HOLLY_FED_COM_26_36_05_111H.DWG 7/26/2021 10:39:59 AM ccaston

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 Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources
Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

FORM C-102
Revised August 1, 2011
Submit one copy to appropriate District Office

☐ **AMENDED REPORT**

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1]API Number	[2]Pool Code	[3]Pool Name
30-025-	33813	JAL; WOLFCAMP WEST

[4]Property Code	[5]Property Name	[6]Well Number
	HOLLY FED COM 26 36 05	111H

[7]OGRID No.	[8]Operator Name	[9]Elevation
372224	AMEREDEV OPERATING, LLC.	3007'

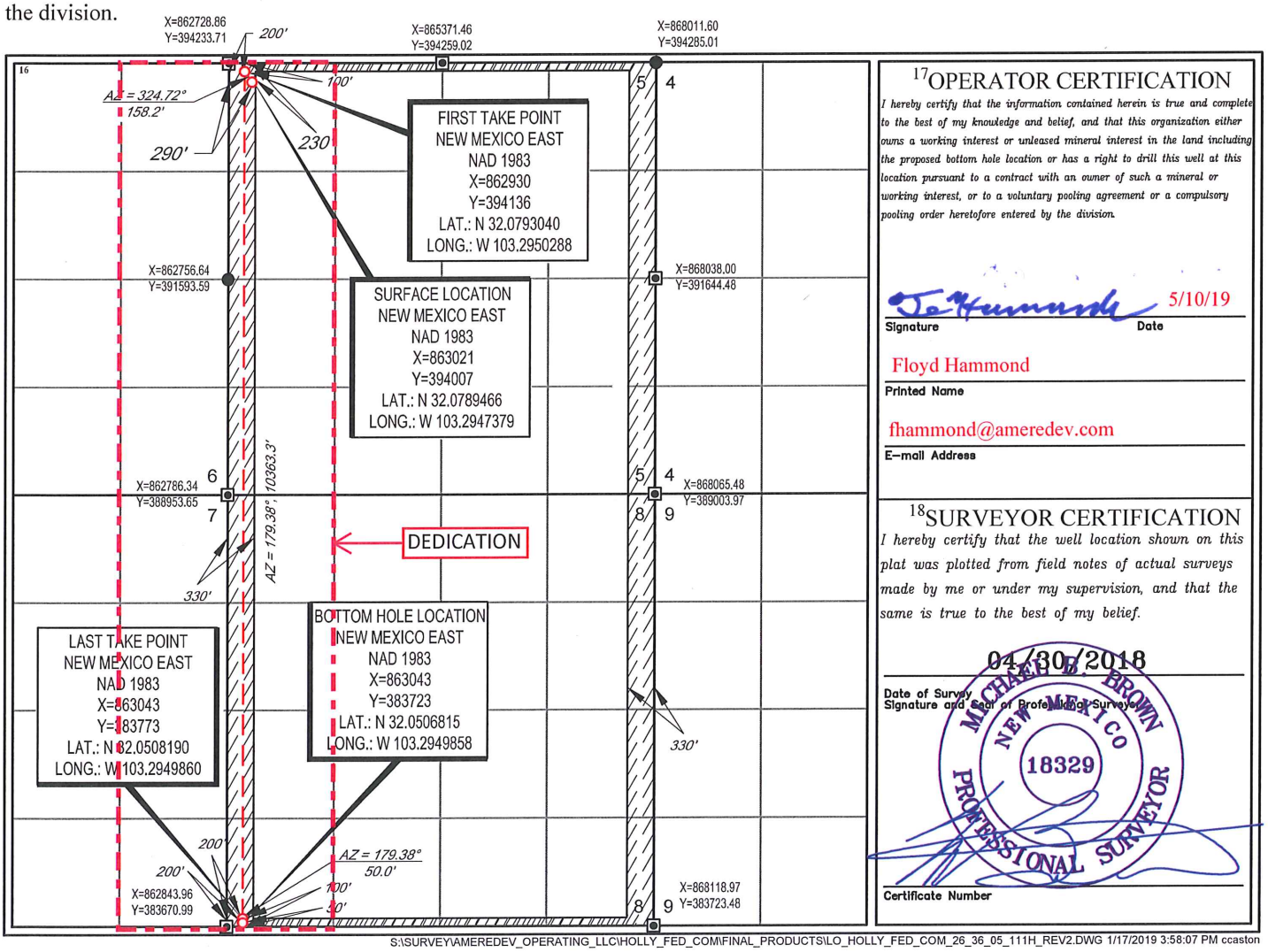
[10]Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	5	26-S	36-E	–	230'	NORTH	290'	WEST	LEA

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	8	26-S	36-E	–	50'	SOUTH	200'	WEST	LEA

[12]Dedicated Acres	[13]Joint or Infill	[14]Consolidation Code	[15]Order No.
640		C	

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



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Signature 5/10/19 Date

Floyd Hammond
Printed Name

fhammond@ameredev.com
E-mail Address

[18]SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true to the best of my belief.

04/30/2018
Date of Survey
Signature and Seal of Professional Surveyor

MICHAEL B. BROWN
NEW MEXICO
18329
PROFESSIONAL SURVEYOR

Certificate Number

S:\SURVEY\AMEREDEV_OPERATING_LLC\HOLLY_FED_COM\FINAL_PRODUCTS\LO_HOLLY_FED_COM_26_36_05_111H_REV2.DWG 1/17/2019 3:58:07 PM ccaston

Form 3160-4
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.: NMNM137470

1a. Type of well: [✓] Oil Well [ ] Gas Well [ ] Dry [ ] Other

b. Type of Completion: [✓] New Well [ ] Work Over [ ] Deepen [ ] Plug Back [ ] Diff. Zones [ ] Hydraulic Fracturing
Other:

6. If Indian, Allottee or Tribe Name:

7. If Unit of CA/Agreement Name and No.: NMNM 141283

2. Name of Operator: AMEREDEV OPERATING, LLC

8. Lease Name and No.: HOLLY FED COM 26-36-05 111H

3. Address: 2901 VIA FORTUNA, SUITE 600 AUSTIN, TX 78746

3a. Phone No. (Include area code): Form 3160-4

9. API Well No.: 30-025-46494

4. Location of Well (report location clearly and in accordance with Federal requirements)*

At surface: LOT D / 230' FNL / 290' FWL / LAT 32.0789465 / LONG -103.2947380

at top prod. interval reported below: 100' FNL / 183' FWL / LAT 32.0793040 / LONG -103.2950853

At total depth: LOT M / 48' FSL / 397' FWL / LAT 32.0506760 / LONG -103.2943507

10. Field and Pool or Exploratory Area: WC-025 G-09 S263619C;WOLFCAMP

11. Sec., T., R., M., on Block and Survey or Area: SEC5 / T26S /R36E / NMP

12. County or Parish: LEA

13. State: NM

14. Date Spudded: 12/23/2019

15. Date T.D. Reached: 3/24/2020

16. Date Completed: [ ] D & A [✓] Ready to Prod. 6/2/2021

17. Elevations (DF, RKB, RT, GL)*: 3007' GL / 3034' RKB

18. Total Depth: MD 22457' TVD 11941'

19. Plug Back T.D.: MD 22300' TVD 11930'

20. Depth Bridge Plug Set: MD 22300' TVD 11930'

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

GAMMA

22. Was well cored? [✓] No [ ] Yes (Submit analysis)
Was DST run? [✓] No [ ] Yes (Submit report)
Directional Survey? [ ] No [✓] Yes (Submit copy)

23. Casing and Liner Record *(Report all strings set in well)*

Hole Size	Size/Grade	Wt. (#ft)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.5"	13.375" J55	68#	Surface	1275'	N/A	1340	315	Surface	
12.25"/ 9.875	7.625" HCL80	29.7#	Surface	10969'	3340'	1780 / 1010	1109 / 216	Surface	
6.75"	5.5" P110	23#	Surface	22439'	N/A	430 / 1050	188 / 220	Surface	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375"	11206'	11215'						

25. Producing Interval / 26. Perforation Interval

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A)	WOLFCAMP	12007'	22295'	12007' - 22295'	0.49	5106	
B)							
C)							
D)							

27. Acid, Fracture, Treatment, Cement Squeeze, Post hydraulic fracturing chemical disclosures on FracFocus.org when required by state or federal regulation

Depth Interval	Amount, Type of Material and Date of Chemical Disclosure upload on FracFocus.org as applicable
12007'-22120'	31,130,648 LBS PROPPANT / 683,790BBLS FLUIDS

28. Production Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API.	Gas Gravity	Production Method
6/3/2021	6/12/2021	24	→	1298	1518	2680	42.9	0.94	FLOWING

Choke Size	Tbg. Press. Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
128	947	682	→	1298	1518	2680	1170	PRODUCING

28a. Production Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API.	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					

*(See instructions and spaces for additional data on page 2)

28. Production Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API.	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

28a. Production Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API.	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

Sold

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Rustler	1032	1475	Anhydrite/Dolomite		
Salado	1475	3217	Anhydrite/Salt		
Capitan	3779	5094	Limestone/Dolomite		
Wolfcamp	11374		Silty Limestone		

32. Additional remarks (include plugging procedure).

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
- ☐ Geologic Report
- ☐ DST Report
- ☑ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
- ☐ Core Analysis
- ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name *(please print)* Shane McNeely Title Engineer

Signature  Date 6/18/2021

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.

(Continued on page 3)

INSTRUCTIONS

GENERAL: This form is designed for submitting a complete and correct well completion/recompletion report and log on all types of wells on Federal and Indian leases to a Federal agency, pursuant to applicable Federal laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal office.
If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, and all types electric), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal laws and regulations. All attachments should be listed on this form, see item 33.
ITEM 4: Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local Federal office for specific instructions.
ITEM 17: Indicate which reported elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.
ITEM 23: Show how reported top(s) of cement were determined, i.e. circulated (CIR), or calculated (CAL), or cement bond log (CBL), or temperature survey (TS).

NOTICES

The Privacy Act of 1974 and the regulation in 43 CFR 2.48 (d) provide that you be furnished the following information in connection with information required by this application.
AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. et seq.; 43 CFR 3160.
PRINCIPAL PURPOSE: The information is to be used to evaluate the actual operations performed in the drilling, completing and testing of a well on a Federal or Indian lease.
ROUTINE USES: (1) Evaluate the equipment and procedures used during the drilling and completing/recompleting of a well. (2) The review of geologic zones and formation encountered during drilling. (3) Analyze future applications to drill in light of data obtained and methods used. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.
EFFECT OF NOT PROVIDING INFORMATION: Filing of this report and disclosure of the information is mandatory once a well drilled on a Federal or Indian lease is completed/recompleted.

The Paperwork Reduction Act of 1995 requires us to inform you that:
The BLM collects this information to allow evaluation of the technical, safety, and environmental factors involved with drilling and completing/recompleting wells on Federal and Indian oil and gas leases.
This information will be used to analyze operations and to compare equipment and procedures actually used with those proposed and approved.
Response to this request is mandatory only if the operator elects to initiate drilling and completing/recompleting operations on an oil and gas lease.
The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C Street, N.W., Mail Stop 401 LS, Washington, D.C. 20240.

Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - *Other instructions on page 2.*

5. Lease Serial No.: NMNM137470

6. If Indian, Allottee or Tribe Name:

7. If Unit of CA/Agreement, Name and/or No.: NMNM 141283

1. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.: HOLLY FED COM 26-36-05 111H

2. Name Operator: AMEREDEV OPERATING, LLC

9. API Well No.: 30-025-46494

3a. Address: 2901 VIA FORTUNA, SUITE 600 AUSTIN, TX 78746

3b. Phone No. *(include area code)*: 737-300-4700

10. Field and Pool or Exploratory Area: WC-025 G-09 S263619C;WOLFCAMP

4. Location of Well *(Footage, Sec., T.R.M., or Survey Description)*: Sec 5 T26S R36E 230' FNL 290' FWL 32.0789465 N Lat, 103.2947380 W Lon

11. Country or Parish, State: LEA, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☑ Notice of Intent	☐ Acidize	☐ Deepen	☑ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other :
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be perfonned or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

SPUD DATE: 12/23/2019

RIG RELEASED: 3/25/2020

INTENT TO FLOW TEST HOLLY FED COM 26 36 05 111H (START DATE: 06/02/2021 - END DATE 08/31/2021)

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)*: Shane McNeely

Title: Engineer

Signature: Shane McNeely

Date: 737-300-4700

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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

(Instructions on page 2)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning th use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal offic for specific instructions.

Item 13 - Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of a casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve hydraulic fracturing operations, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resi tivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of Natural Resources lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Geoprog Form

Date

Well Name	Holly Fed Com 26-36-05 111H	API			Name	Email	Office	Cell
Region	Permian			Geologist	Eric Rhoden	erhoden@ameredev.com	(737) 300-4719	(504) 432-4999
Prospect				Engineer	Floyd Hammond	fhammond@ameredev.com	(737) 300-4724	(512) 783-6810
Field	Delaware_WCA			Land	Noah Bramble	nbramble@ameredev.com	(737) 300-4713	(303) 503-6491

Prod Type (Oil/Gas) Oil Borehole Type Horizontal

Location

	State		County		State		County	
Surface	Lat.		Long.		Lat.	32.0789466	Long.	-103.2947379
BH	Lat.		Long.		Lat.	32.0510946	Long.	-103.2944055
	Datum	NAD 27	Projection		Datum	NAD 83	Projection	

		State		County		Elevation	
Surface	Twn	26S	Rge	36E	Sec.	5	GR	3,007
BH	Twn	26S	Rge	36E	Sec.	8	KB	3,032

Vertical	Fm			Lateral	Fm					
Proposed TD	WFMP A	md	11793	BHL	WFMP A	md		tvd		ss	
1st Target	WFMP A	md	11793	FTP	WFMP A	md		tvd		ss	
2nd Target		md		LTP	WFMP A	md		tvd		ss	
3rd Target											

Fm Tops	ss	tvd	md	Lithology	Mineral Resources	ZOI (Y/N)	MW	Type	Bit Size	Casing Size	H2S	Comments
Dewey Lake						N						
Rustler	2,002	1,032		Anhydrite	None	N						
Salado	1,559	1,475		Salt	None	N						
Tansill	-177	3,211		Limestone	None	N						
Capitan	-737	3,771		Limestone	Useable Water	N						
Lamar	-2,045	5,079		Limestone	None	N						
Bell Canyon	-2,955	5,989		Sandstone	Oil/Natural Gas	N						
Brushy Canyon	-4,022	7,056		Sandstone	Oil/Natural Gas	N						
Bone Spring Lime	-5,162	8,196		Limestone	None	N						
First Bone Spring	-5,396	8,430		Sandstone	Oil/Natural Gas	N						
Second Bone Spring	-6,555	9,589		Sandstone	Oil/Natural Gas	N						
Upper Third Bone Spring	-7,064	10,098		Limestone	None	N						
Third Bone Spring	-7,657	10,691		Sandstone	Oil/Natural Gas	N						
Wolfcamp	-8,581	11,615		Shale	Oil/Natural Gas	Y						

Logging & Evaluation

Wireline	Log Type	Top Depth	Bottom Depth	Max Temp	Logging Co.	Contact	Phone

Mudlogs	Start Depth	Stop Depth	Logging Co.	Geologist	Phone
Interval					

Coring	Top Depth	Bottom Depth	Fm	Comments

Geosteering			Company	Contact	Phone

Offset Wells

Well Name	Location	Distance (ft)	Orig Operator	API

Remarks

Survey Report

Service Company: Aim Directional Services
Well: Holly 26 36 05 Fed Com #111H
API or UWI: 30-025-46494
State: NM
County: Lea
Country: USA
Comment

Location: Jal
Rig: Unit 103
Job Number: WT-20-004
Operating Company: Ameredev
Magnetic Declination: 5.94
Proposed Azimuth: 179.88
North Reference: GRID
Latitude: 32.0789472222222
Longitude: -103.294736111111

Tie-In Data

MD	Inclination	Azimuth	TVD	NS	EW
0.00	0.00	0.00	0.00	0.00	0.00

Survey Data

MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
120.00	0.20	310.00	120.00	0.13	-0.16	310.00	0.21	-0.13	0.17
214.00	0.70	164.00	214.00	-0.31	-0.13	202.29	0.34	0.31	0.93
301.00	0.70	129.00	300.99	-1.16	0.43	159.54	1.24	1.16	0.48
396.00	0.10	182.00	395.99	-1.61	0.88	151.28	1.83	1.61	0.68
491.00	0.30	227.00	490.99	-1.86	0.69	159.49	1.98	1.86	0.25
585.00	0.80	275.00	584.98	-1.97	-0.14	184.03	1.97	1.97	0.68
679.00	1.60	205.00	678.97	-3.10	-1.35	203.48	3.38	3.10	1.62
774.00	1.20	268.00	773.94	-4.34	-2.90	213.78	5.22	4.33	1.58
868.00	1.20	272.00	867.92	-4.34	-4.87	228.31	6.52	4.33	0.09
963.00	1.00	208.00	962.91	-5.03	-6.25	231.16	8.03	5.02	1.24
1086.00	1.10	253.00	1085.89	-6.33	-7.89	231.26	10.11	6.31	0.66
1181.00	1.20	210.00	1180.87	-7.46	-9.26	231.15	11.88	7.44	0.89
1275.00	0.60	256.00	1274.86	-8.43	-10.22	230.51	13.25	8.41	0.95
1329.00	1.22	284.74	1328.85	-8.35	-11.06	232.94	13.85	8.33	1.39
1430.00	1.07	280.66	1429.83	-7.90	-13.02	238.75	15.23	7.87	0.17
1525.00	0.99	280.71	1524.82	-7.58	-14.70	242.71	16.54	7.55	0.08

MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
1620.00	1.02	343.66	1619.81	-6.62	-15.74	247.19	17.08	6.59	1.10
1715.00	1.76	13.37	1714.78	-4.39	-15.64	254.33	16.25	4.36	1.06
1811.00	1.64	16.04	1810.74	-1.64	-14.92	263.75	15.01	1.60	0.15
1906.00	1.80	15.45	1905.69	1.11	-14.15	274.48	14.19	-1.14	0.17
2002.00	2.64	15.39	2001.62	4.69	-13.16	289.63	13.97	-4.72	0.88
2097.00	4.76	21.28	2096.42	10.48	-11.15	313.21	15.30	-10.50	2.26
2192.00	6.80	21.77	2190.93	19.37	-7.63	338.49	20.82	-19.39	2.15
2287.00	6.97	21.88	2285.25	29.95	-3.40	353.52	30.14	-29.95	0.18
2381.00	6.81	22.73	2378.57	40.38	0.88	1.25	40.39	-40.38	0.20
2476.00	6.86	23.87	2472.89	50.76	5.35	6.02	51.04	-50.75	0.15
2571.00	6.82	26.08	2567.22	61.02	10.13	9.42	61.85	-61.00	0.28
2667.00	6.60	20.05	2662.56	71.32	14.52	11.51	72.78	-71.29	0.77
2761.00	6.64	23.14	2755.93	81.39	18.51	12.81	83.47	-81.35	0.38
2857.00	6.16	25.11	2851.33	91.16	22.88	14.09	93.99	-91.11	0.55
2952.00	5.55	18.98	2945.84	100.12	26.54	14.84	103.58	-100.06	0.92
3045.00	5.05	21.71	3038.44	108.17	29.51	15.26	112.13	-108.11	0.60
3139.00	4.70	22.80	3132.10	115.57	32.53	15.72	120.06	-115.50	0.39
3235.00	4.57	4.89	3227.79	123.00	34.39	15.62	127.72	-122.93	1.51
3331.00	4.77	353.05	3323.48	130.78	34.23	14.67	135.18	-130.71	1.02
3426.00	4.38	358.88	3418.17	138.33	33.68	13.68	142.37	-138.25	0.64
3520.00	5.09	5.20	3511.85	146.07	33.99	13.10	149.97	-146.00	0.94
3615.00	5.48	11.15	3606.45	154.71	35.25	12.83	158.68	-154.64	0.71
3711.00	5.12	13.47	3702.04	163.38	37.13	12.80	167.54	-163.30	0.44
3807.00	4.60	15.04	3797.69	171.26	39.13	12.87	175.67	-171.18	0.56
3902.00	4.37	13.61	3892.40	178.46	40.97	12.93	183.10	-178.37	0.27
3997.00	4.16	10.95	3987.14	185.36	42.47	12.91	190.16	-185.27	0.30
4092.00	3.91	4.50	4081.90	191.97	43.38	12.73	196.81	-191.88	0.55
4188.00	3.64	2.93	4177.70	198.28	43.79	12.46	203.06	-198.19	0.30
4283.00	3.88	9.26	4272.49	204.46	44.47	12.27	209.24	-204.37	0.50
4377.00	5.60	13.95	4366.17	212.05	46.08	12.26	217.00	-211.96	1.87
4472.00	6.40	12.21	4460.65	221.73	48.32	12.29	226.93	-221.62	0.86
4567.00	6.07	11.47	4555.08	231.82	50.44	12.27	237.25	-231.72	0.36
4663.00	6.33	11.97	4650.52	241.97	52.55	12.25	247.61	-241.86	0.28
4758.00	7.25	12.80	4744.86	252.94	54.96	12.26	258.85	-252.83	0.97
4853.00	6.87	13.15	4839.13	264.32	57.58	12.29	270.52	-264.20	0.40
4949.00	6.41	13.15	4934.49	275.13	60.11	12.32	281.62	-275.01	0.48
5044.00	6.02	13.06	5028.93	285.15	62.44	12.35	291.90	-285.02	0.41

MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
5139.00	5.70	10.69	5123.44	294.64	64.44	12.34	301.60	-294.50	0.42
5234.00	5.12	13.35	5218.01	303.40	66.29	12.33	310.56	-303.26	0.66
5335.00	5.82	13.33	5318.55	312.77	68.52	12.36	320.18	-312.62	0.69
5428.00	6.42	10.05	5411.02	322.47	70.51	12.33	330.09	-322.32	0.75
5523.00	5.90	11.75	5505.47	332.48	72.43	12.29	340.28	-332.33	0.58
5613.00	5.70	13.13	5595.01	341.36	74.39	12.29	349.38	-341.21	0.27
5714.00	5.67	12.76	5695.52	351.12	76.63	12.31	359.38	-350.95	0.05
5807.00	6.22	10.43	5788.01	360.55	78.56	12.29	369.01	-360.39	0.65
5902.00	7.39	9.61	5882.34	371.64	80.51	12.22	380.26	-371.47	1.24
5996.00	6.90	9.47	5975.61	383.17	82.45	12.14	391.94	-382.99	0.52
6091.00	6.83	7.34	6069.93	394.40	84.11	12.04	403.27	-394.22	0.28
6186.00	6.82	9.23	6164.26	405.57	85.73	11.94	414.53	-405.39	0.24
6282.00	6.88	10.07	6259.57	416.86	87.65	11.87	425.97	-416.67	0.12
6375.00	6.55	8.57	6351.94	427.59	89.42	11.81	436.83	-427.40	0.40
6470.00	6.03	6.92	6446.36	437.90	90.83	11.72	447.22	-437.71	0.58
6563.00	5.67	16.13	6538.88	447.16	92.69	11.71	456.67	-446.96	1.08
6659.00	5.51	18.98	6634.43	456.07	95.51	11.83	465.97	-455.87	0.33
6753.00	5.23	17.54	6728.01	464.43	98.27	11.95	474.71	-464.22	0.33
6849.00	4.30	24.61	6823.68	471.87	101.08	12.09	482.58	-471.66	1.14
6944.00	3.11	32.41	6918.48	477.28	103.95	12.29	488.47	-477.07	1.36
7038.00	2.62	37.68	7012.36	481.14	106.63	12.50	492.81	-480.91	0.59
7131.00	1.80	37.75	7105.29	483.97	108.82	12.67	496.06	-483.75	0.88
7227.00	1.77	48.79	7201.25	486.14	110.86	12.85	498.62	-485.91	0.36
7322.00	1.87	48.83	7296.20	488.13	113.13	13.05	501.07	-487.89	0.11
7416.00	1.67	45.68	7390.15	490.10	115.27	13.23	503.47	-489.85	0.24
7511.00	1.75	43.11	7485.11	492.12	117.25	13.40	505.90	-491.88	0.12
7606.00	1.31	60.54	7580.08	493.72	119.18	13.57	507.90	-493.47	0.67
7700.00	0.84	106.59	7674.06	494.05	120.78	13.74	508.60	-493.79	1.01
7795.00	0.89	121.68	7769.05	493.46	122.07	13.90	508.34	-493.20	0.24
7891.00	1.08	98.24	7865.04	492.94	123.60	14.08	508.20	-492.68	0.46
7985.00	1.15	143.43	7959.02	492.06	125.04	14.26	507.70	-491.79	0.91
8081.00	1.54	154.76	8055.00	490.12	126.17	14.44	506.09	-489.85	0.49
8176.00	1.16	152.27	8149.97	488.11	127.16	14.60	504.40	-487.84	0.40
8272.00	0.89	161.57	8245.95	486.54	127.85	14.72	503.06	-486.27	0.33
8366.00	1.13	148.49	8339.94	485.06	128.56	14.84	501.81	-484.79	0.35
8461.00	0.84	138.79	8434.93	483.74	129.51	14.99	500.77	-483.46	0.35
8557.00	0.62	144.71	8530.92	482.78	130.27	15.10	500.05	-482.51	0.24

MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
8652.00	0.52	139.13	8625.91	482.04	130.85	15.19	499.48	-481.76	0.12
8746.00	0.70	179.91	8719.91	481.14	131.13	15.25	498.69	-480.87	0.49
8841.00	0.65	188.39	8814.90	480.03	131.06	15.27	497.60	-479.75	0.12
8937.00	0.85	204.15	8910.89	478.84	130.68	15.27	496.35	-478.56	0.30
9032.00	1.02	188.50	9005.88	477.36	130.27	15.26	494.82	-477.09	0.32
9127.00	1.00	179.13	9100.87	475.69	130.16	15.30	493.18	-475.42	0.17
9222.00	1.24	178.78	9195.85	473.84	130.19	15.36	491.40	-473.56	0.25
9318.00	0.97	154.21	9291.83	472.07	130.57	15.46	489.79	-471.79	0.56
9413.00	0.93	150.67	9386.82	470.67	131.30	15.59	488.64	-470.40	0.07
9507.00	0.70	118.97	9480.81	469.73	132.17	15.72	487.97	-469.45	0.53
9601.00	1.29	76.29	9574.79	469.70	133.70	15.89	488.36	-469.42	0.97
9696.00	1.47	62.22	9669.77	470.52	135.82	16.10	489.73	-470.24	0.40
9792.00	1.38	60.92	9765.74	471.66	137.92	16.30	491.41	-471.37	0.10
9886.00	1.54	54.36	9859.71	472.94	139.94	16.48	493.21	-472.65	0.25
9981.00	1.44	58.31	9954.68	474.32	141.99	16.67	495.11	-474.02	0.15
10076.00	1.36	64.57	10049.65	475.43	144.02	16.85	496.76	-475.12	0.18
10171.00	1.26	64.93	10144.62	476.35	145.99	17.04	498.22	-476.05	0.11
10266.00	0.87	46.77	10239.61	477.29	147.46	17.17	499.55	-476.98	0.54
10362.00	0.71	352.17	10335.60	478.38	147.91	17.18	500.72	-478.07	0.77
10457.00	1.04	321.00	10430.59	479.63	147.29	17.07	501.74	-479.32	0.60
10552.00	1.60	303.37	10525.56	481.03	145.64	16.84	502.59	-480.72	0.72
10647.00	2.34	298.21	10620.51	482.68	142.82	16.48	503.36	-482.38	0.80
10741.00	2.75	299.48	10714.41	484.69	139.16	16.02	504.28	-484.40	0.44
10836.00	2.50	297.09	10809.31	486.76	135.34	15.54	505.22	-486.47	0.29
10893.00	2.74	294.78	10866.25	487.90	132.99	15.25	505.70	-487.62	0.46
11058.00	2.81	297.06	11031.06	491.39	125.81	14.36	507.24	-491.12	0.08
11152.00	2.73	299.11	11124.95	493.53	121.80	13.86	508.33	-493.27	0.14
11215.00	3.59	289.05	11187.85	494.90	118.63	13.48	508.92	-494.65	1.62
11247.00	7.08	280.48	11219.71	495.59	115.74	13.15	508.92	-495.34	11.16
11343.00	19.86	274.43	11312.88	497.93	93.57	10.64	506.65	-497.73	13.38
11438.00	31.99	260.62	11398.24	495.06	52.47	6.05	497.84	-494.95	14.18
11534.00	42.07	243.55	11474.98	476.50	-1.70	359.80	476.50	-476.50	14.92
11628.00	46.47	222.40	11542.64	437.07	-53.18	353.06	440.29	-437.18	16.33
11723.00	53.93	206.77	11603.63	377.06	-93.90	346.02	388.57	-377.25	14.84
11818.00	61.55	189.91	11654.57	301.14	-118.55	338.51	323.63	-301.38	16.98
11913.00	65.76	172.99	11696.96	216.47	-120.46	330.91	247.73	-216.73	16.55
12007.00	69.40	171.88	11732.81	130.35	-109.01	320.10	169.93	-130.58	4.02

MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
12102.00	81.75	171.70	11756.43	39.47	-95.89	292.37	103.70	-39.67	13.00
12197.00	89.66	168.85	11763.54	-53.82	-79.89	236.04	96.33	53.65	8.85
12293.00	90.63	165.92	11763.30	-147.49	-58.93	201.78	158.83	147.36	3.21
12387.00	88.71	165.09	11763.84	-238.49	-35.40	188.44	241.10	238.42	2.23
12482.00	89.97	166.08	11764.93	-330.49	-11.76	182.04	330.70	330.46	1.69
12576.00	90.61	169.65	11764.45	-422.37	8.00	178.91	422.45	422.39	3.86
12670.00	90.91	171.21	11763.21	-515.05	23.63	177.37	515.60	515.10	1.69
12763.00	89.50	168.17	11762.88	-606.54	40.27	176.20	607.87	606.62	3.60
12858.00	88.72	169.99	11764.35	-699.80	58.26	175.24	702.22	699.92	2.08
12953.00	89.87	175.30	11765.52	-793.98	70.42	174.93	797.09	794.12	5.72
13047.00	89.35	175.98	11766.16	-887.70	77.56	175.01	891.09	887.86	0.91
13142.00	87.05	174.62	11769.14	-982.33	85.34	175.03	986.03	982.51	2.81
13237.00	87.84	176.78	11773.38	-1076.96	92.46	175.09	1080.92	1077.15	2.42
13331.00	89.26	177.14	11775.76	-1170.80	97.44	175.24	1174.84	1171.00	1.56
13426.00	86.16	177.96	11779.55	-1265.62	101.50	175.41	1269.68	1265.83	3.38
13521.00	88.68	181.34	11783.83	-1360.50	102.07	175.71	1364.32	1360.71	4.43
13616.00	87.28	178.18	11787.18	-1455.43	102.47	175.97	1459.03	1455.64	3.64
13709.00	88.72	179.38	11790.43	-1548.34	104.45	176.14	1551.86	1548.56	2.02
13804.00	88.59	174.56	11792.66	-1643.16	109.47	176.19	1646.80	1643.38	5.07
13898.00	88.94	175.67	11794.68	-1736.79	117.47	176.13	1740.76	1737.04	1.24
13994.00	87.43	174.39	11797.72	-1832.38	125.78	176.07	1836.69	1832.64	2.06
14089.00	88.49	175.98	11801.11	-1926.98	133.75	176.03	1931.62	1927.26	2.01
14184.00	91.16	176.68	11801.40	-2021.78	139.83	176.04	2026.61	2022.06	2.91
14278.00	92.18	178.40	11798.66	-2115.64	143.86	176.11	2120.53	2115.94	2.13
14373.00	89.41	179.08	11797.34	-2210.60	145.95	176.22	2215.42	2210.90	3.00
14469.00	92.06	182.04	11796.11	-2306.57	145.02	176.40	2311.12	2306.87	4.14
14562.00	92.26	181.30	11792.60	-2399.46	142.31	176.61	2403.68	2399.76	0.82
14658.00	93.38	181.03	11787.88	-2495.33	140.36	176.78	2499.27	2495.62	1.20
14753.00	90.75	178.93	11784.46	-2590.25	140.39	176.90	2594.05	2590.54	3.54
14848.00	91.12	179.72	11782.91	-2685.23	141.51	176.98	2688.96	2685.52	0.92
14943.00	91.37	178.46	11780.84	-2780.19	143.02	177.06	2783.87	2780.49	1.35
15038.00	90.74	177.13	11779.09	-2875.11	146.67	177.08	2878.84	2875.41	1.55
15133.00	91.49	178.58	11777.24	-2970.02	150.23	177.10	2973.81	2970.33	1.72
15228.00	88.44	178.31	11777.30	-3064.97	152.81	177.15	3068.78	3065.28	3.22
15342.00	89.98	180.18	11778.87	-3178.94	154.31	177.22	3182.69	3179.26	2.12
15438.00	89.79	180.28	11779.07	-3274.94	153.92	177.31	3278.56	3275.26	0.22
15534.00	89.14	180.45	11779.96	-3370.93	153.31	177.40	3374.42	3371.25	0.70

MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
15628.00	92.72	182.32	11778.44	-3464.88	151.04	177.50	3468.17	3465.18	4.30
15723.00	90.66	181.75	11775.63	-3559.77	147.67	177.62	3562.83	3560.07	2.25
15816.00	92.56	182.02	11773.02	-3652.68	144.61	177.73	3655.54	3652.97	2.06
15912.00	94.13	182.36	11767.42	-3748.44	140.95	177.85	3751.09	3748.73	1.67
16007.00	90.22	181.02	11763.82	-3843.31	138.15	177.94	3845.79	3843.59	4.35
16102.00	88.93	180.40	11764.52	-3938.30	136.98	178.01	3940.68	3938.58	1.51
16197.00	86.95	178.87	11767.94	-4033.23	137.58	178.05	4035.57	4033.51	2.63
16293.00	88.22	178.04	11771.98	-4129.10	140.17	178.06	4131.48	4129.39	1.58
16388.00	89.70	178.87	11773.70	-4224.05	142.73	178.06	4226.46	4224.34	1.79
16484.00	83.20	178.47	11779.65	-4319.79	144.95	178.08	4322.22	4320.08	6.78
16579.00	84.12	177.12	11790.14	-4414.13	148.58	178.07	4416.63	4414.44	1.71
16675.00	86.58	177.23	11797.92	-4509.70	153.30	178.05	4512.30	4510.01	2.57
16770.00	87.86	176.08	11802.53	-4604.42	158.83	178.02	4607.16	4604.74	1.81
16865.00	89.45	177.62	11804.76	-4699.24	164.05	178.00	4702.11	4699.58	2.33
16961.00	87.01	177.88	11807.72	-4795.12	167.82	178.00	4798.05	4795.46	2.56
17055.00	88.78	178.42	11811.17	-4889.00	170.85	178.00	4891.98	4889.35	1.97
17150.00	92.98	180.62	11809.72	-4983.96	171.65	178.03	4986.91	4984.31	4.99
17246.00	90.70	182.00	11806.63	-5079.87	169.45	178.09	5082.70	5080.22	2.78
17341.00	86.53	182.22	11808.93	-5174.76	165.96	178.16	5177.42	5175.10	4.40
17436.00	86.34	180.33	11814.84	-5269.55	163.85	178.22	5272.10	5269.88	2.00
17531.00	93.04	181.58	11815.35	-5364.48	162.26	178.27	5366.93	5364.81	7.17
17627.00	89.92	180.77	11812.87	-5460.41	160.30	178.32	5462.77	5460.74	3.36
17722.00	88.19	179.25	11814.44	-5555.39	160.28	178.35	5557.71	5555.72	2.42
17817.00	85.61	177.62	11819.58	-5650.21	162.87	178.35	5652.56	5650.54	3.21
17912.00	87.14	177.84	11825.58	-5744.94	166.62	178.34	5747.36	5745.28	1.63
18008.00	88.19	176.74	11829.49	-5840.75	171.16	178.32	5843.26	5841.10	1.58
18103.00	90.21	177.26	11830.82	-5935.61	176.13	178.30	5938.22	5935.96	2.20
18198.00	90.89	178.05	11829.91	-6030.52	180.02	178.29	6033.21	6030.89	1.10
18293.00	92.19	179.56	11827.35	-6125.46	182.00	178.30	6128.17	6125.83	2.10
18389.00	91.73	180.01	11824.07	-6221.40	182.36	178.32	6224.08	6221.77	0.67
18484.00	91.85	180.22	11821.10	-6316.36	182.17	178.35	6318.98	6316.73	0.25
18579.00	90.12	179.37	11819.47	-6411.34	182.51	178.37	6413.94	6411.71	2.03
18674.00	87.95	178.38	11821.07	-6506.30	184.37	178.38	6508.91	6506.67	2.51
18769.00	89.54	178.38	11823.15	-6601.24	187.06	178.38	6603.89	6601.61	1.67
18863.00	87.38	176.54	11825.68	-6695.10	191.22	178.36	6697.83	6695.49	3.02
18958.00	89.19	178.38	11828.52	-6789.96	195.43	178.35	6792.77	6790.35	2.72
19054.00	87.41	177.79	11831.37	-6885.86	198.63	178.35	6888.72	6886.26	1.95

MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
19149.00	87.43	179.17	11835.64	-6980.72	201.15	178.35	6983.62	6981.13	1.45
19244.00	86.94	180.69	11840.31	-7075.61	201.27	178.37	7078.47	7076.01	1.68
19339.00	87.87	181.02	11844.61	-7170.50	199.85	178.40	7173.28	7170.90	1.04
19434.00	90.17	181.50	11846.24	-7265.45	197.76	178.44	7268.15	7265.85	2.47
19529.00	90.82	181.37	11845.42	-7360.42	195.38	178.48	7363.01	7360.81	0.70
19625.00	91.75	181.19	11843.26	-7456.37	193.24	178.52	7458.87	7456.76	0.99
19720.00	91.33	181.03	11840.71	-7551.32	191.40	178.55	7553.74	7551.70	0.47
19815.00	91.70	180.27	11838.20	-7646.28	190.32	178.57	7648.65	7646.66	0.89
19907.00	91.93	179.77	11835.28	-7738.23	190.29	178.59	7740.57	7738.61	0.60
20002.00	89.02	179.32	11834.50	-7833.22	191.04	178.60	7835.54	7833.60	3.10
20097.00	89.09	179.51	11836.06	-7928.20	192.01	178.61	7930.52	7928.58	0.21
20192.00	86.90	180.46	11839.39	-8023.13	192.04	178.63	8025.43	8023.52	2.51
20288.00	86.72	181.21	11844.73	-8118.97	190.64	178.65	8121.21	8119.35	0.80
20383.00	91.26	181.83	11846.40	-8213.90	188.12	178.69	8216.05	8214.28	4.82
20479.00	87.66	180.90	11847.31	-8309.85	185.84	178.72	8311.93	8310.22	3.87
20574.00	85.45	178.65	11853.02	-8404.67	186.21	178.73	8406.73	8405.04	3.32
20667.00	86.61	179.52	11859.46	-8497.43	187.69	178.73	8499.50	8497.80	1.56
20763.00	86.02	178.76	11865.63	-8593.22	189.13	178.74	8595.30	8593.60	1.00
20858.00	84.69	178.29	11873.32	-8687.87	191.56	178.74	8689.98	8688.26	1.48
20954.00	84.09	177.45	11882.70	-8783.35	195.11	178.73	8785.51	8783.74	1.07
21049.00	84.90	176.80	11891.82	-8877.79	199.86	178.71	8880.04	8878.19	1.09
21144.00	84.86	177.27	11900.30	-8972.28	204.75	178.69	8974.62	8972.69	0.49
21240.00	86.12	177.94	11907.84	-9067.90	208.75	178.68	9070.30	9068.32	1.49
21335.00	86.95	179.16	11913.59	-9162.69	211.15	178.68	9165.12	9163.11	1.55
21430.00	87.01	179.45	11918.59	-9257.55	212.30	178.69	9259.99	9257.98	0.31
21524.00	88.69	179.04	11922.12	-9351.47	213.54	178.69	9353.91	9351.90	1.84
21620.00	88.09	179.50	11924.81	-9447.43	214.76	178.70	9449.87	9447.86	0.79
21715.00	89.29	179.23	11926.99	-9542.40	215.81	178.70	9544.84	9542.83	1.29
21810.00	91.16	179.68	11926.61	-9637.39	216.72	178.71	9639.82	9637.82	2.02
21906.00	91.68	179.36	11924.23	-9733.35	217.52	178.72	9735.78	9733.79	0.64
22001.00	91.64	179.86	11921.48	-9828.31	218.17	178.73	9830.73	9828.75	0.53
22096.00	89.18	179.60	11920.80	-9923.30	218.61	178.74	9925.71	9923.74	2.60
22191.00	86.88	180.05	11924.07	-10018.24	218.90	178.75	10020.63	10018.67	2.47
22285.00	87.30	180.86	11928.84	-10112.11	218.16	178.76	10114.46	10112.55	0.97
22380.00	85.73	179.62	11934.62	-10206.93	217.76	178.78	10209.25	10207.36	2.10
22394.00	84.81	179.04	11935.77	-10220.88	217.92	178.78	10223.20	10221.31	7.76

Projected Survey

MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
22457.00	84.81	179.04	11941.47	-10283.61	218.98	178.78	10285.95	10284.05	0.00

Aim Directional Services

Holly 26 36 05 Fed Com #111H
Scale 2":100' - MD
3/21/2020 9:31 AM

Oper. Company: Ameredev
Well: Holly 26 36 05 Fed Com #111H
Field: Delaware Basin
Rig: Unit 103
Well ID: 30-025-46494
Job Number: WT-20-004

State: NM
County: Lea
Country: USA
Location: Jal
Start Date: 01/07/2020 20:26:38
End Date: 03/20/2020 05:00:00

Latitude: 32° 4' 44.213 N
Longitude: 103° 17' 41.059 W

Elev GL: 3007
Elev DF: 3034
Elev KB: 3034

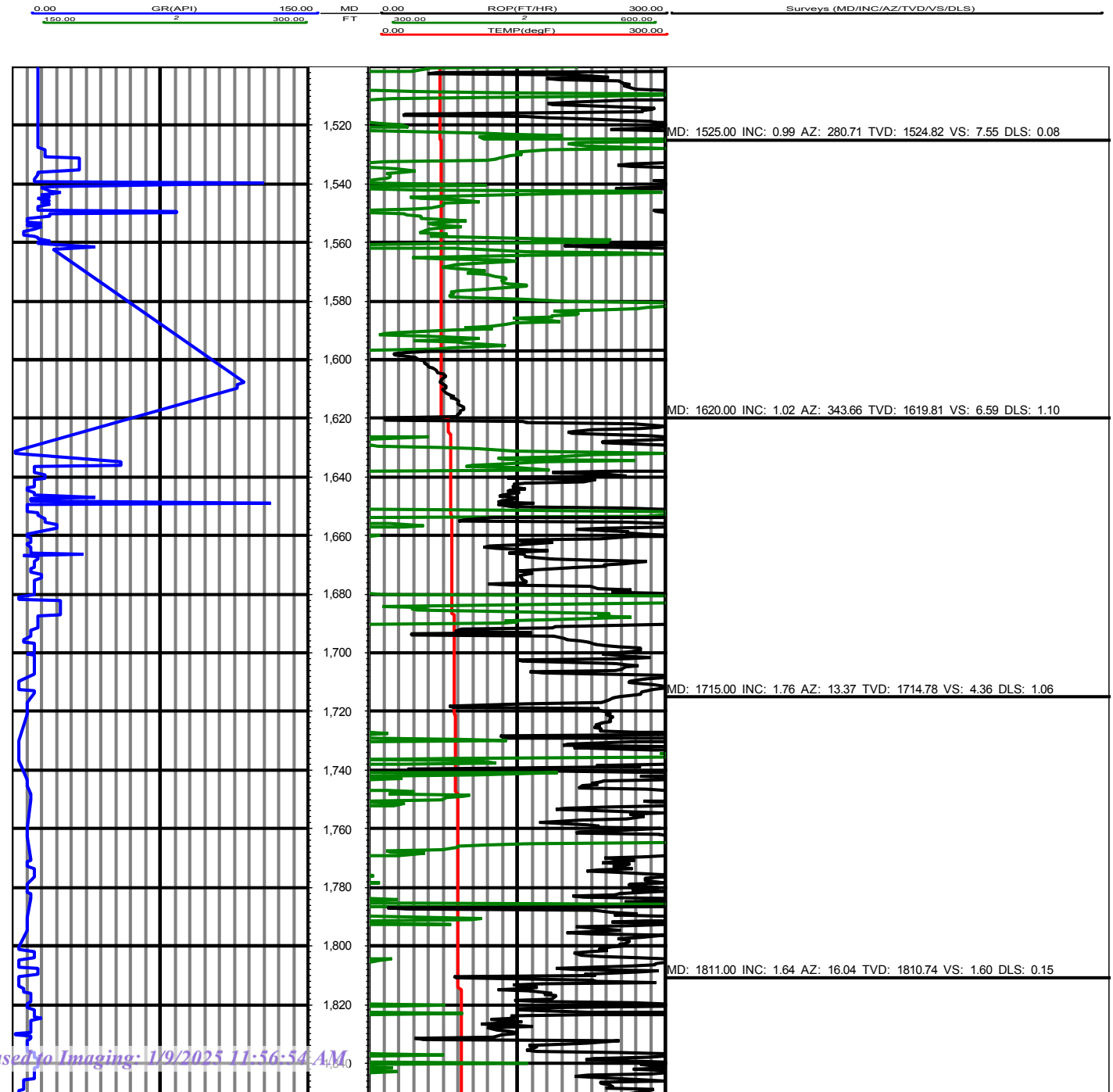
Operator 1: Charles Caron
Operator 2: RTOC

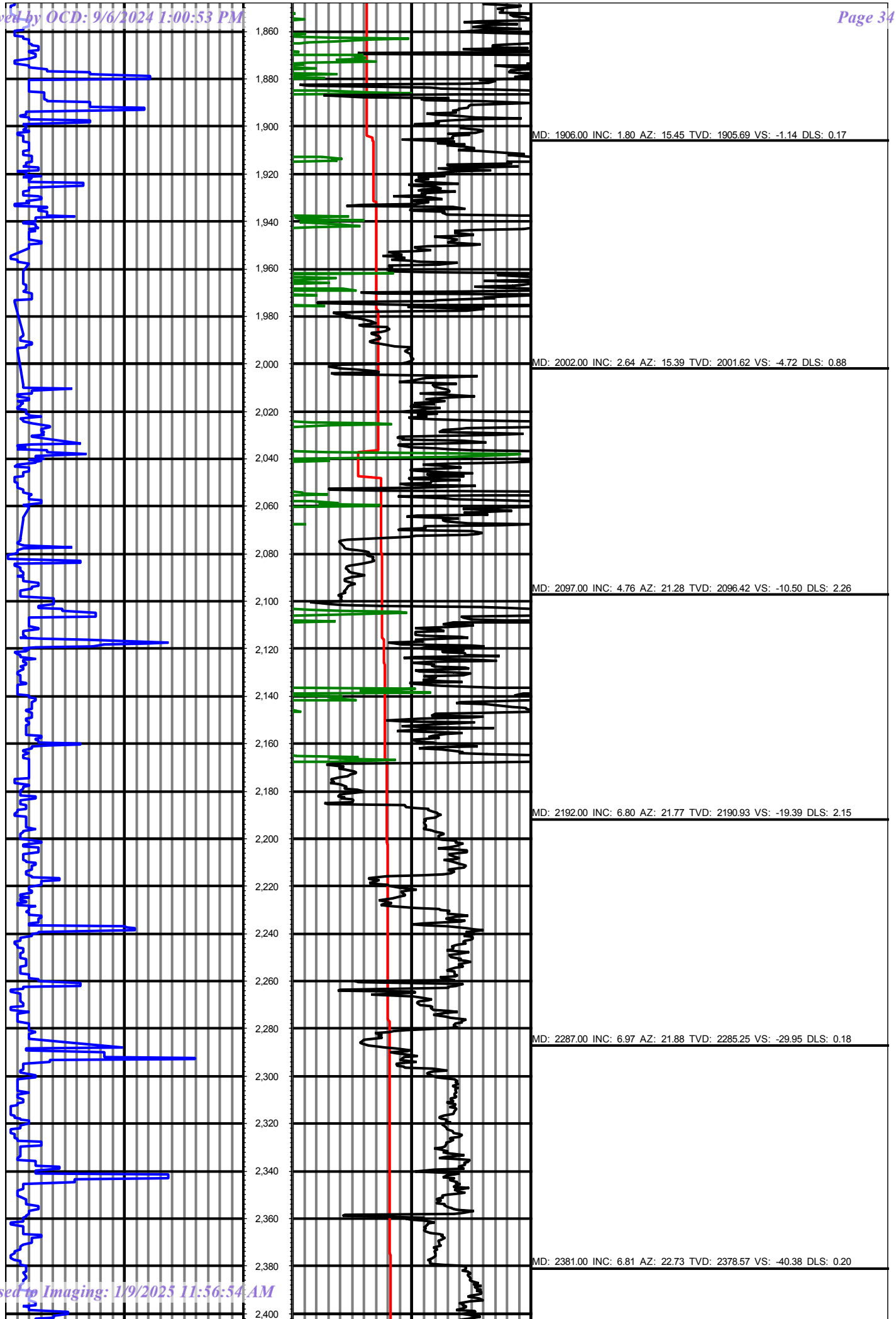
Tool Run Data	Run #1	Run #2	Run #3	Run #4	Run #5
Tool S/N	G-084	G-084	G-084	G-084	G-084
Bit Size	12 1/4	9 7/8	9 7/8	9 7/8	9 7/8
Cal Factor	7.612	7.612	7.612	7.612	7.612
Survey Offset	72.00	70.00	70.00	69.00	69.00
Gamma Offset	57.17	55.55	55.55	55.03	55.03
Resisitivity Offset	0.00	0.00	0.00	0.00	0.00
Start Depth	1275.00	5300.00	8577.00	8981.00	9941.00
StartDate	1/7/2020	1/11/2020	1/14/2020	1/15/2020	1/17/2020
StartTime	20:28	05:10	03:45	08:30	09:30
EndDepth	5300.00	8577.00	8981.00	9941.00	10972.00
EndDate	1/11/2020	1/14/2020	1/15/2020	1/17/2020	1/19/2020
EndTime	04:10	04:45	07:00	08:30	15:30
Mud Type	WBM	WBM	WBM	WBM	WBM
Mud Weight	8.6 (ppg)	8.8 (ppg)	8.8 (ppg)	9 (ppg)	9.1 (ppg)
Funnel Viscosity	86 (sec/qt)	81 (sec/qt)	77 (sec/qt)	80 (sec/qt)	73 (sec/qt)
Plastic Viscosity	27 (cP)	23 (cP)	26 (cP)	26 (cP)	23 (cP)
Yield Point	24 (lbf/100ft2)	20 (lbf/100ft2)	21 (lbf/100ft2)	24 (lbf/100ft2)	23 (lbf/100ft2)
Gel Strength		4 (10sec)(lbf/100ft2)	5 (10sec)(lbf/100ft2)	4 (10sec)(lbf/100ft2)	4 (10sec)(lbf/100ft2)
Solids Content	10.50%	11.00%	11.25%	12.00%	12.00%
Sand Content	Trc	Trc	Trc	Trc	Trc
Mud Alkalinity	1.3 (Pm) (ml)	1.7 (Pm) (ml)	1.2 (Pm) (ml)	1.3 (Pm) (ml)	1.5 (Pm) (ml)
Filtrate Alkalinity	0.15 (Pf) (ml)	0.15 (Pf) (ml)	0.05 (Pm) (ml)	0.15 (Pf) (ml)	0.15 (Pf) (ml)
Chlorides	190875 (mg/L)	187124 (mg/L)	187200 (mg/L)	189670 (mg/L)	190875 (mg/L)
Temperature	125.6°F	152.6°F	147.2°F	158.0°F	158.0°F
Tool Run Data	**Run #6**	**Run #7**	**Run #8**	**Run #9**	**Run #10**
Tool S/N	G-032	G-032	G-032	G-080	G-080
Bit Size	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4
Cal Factor	3.056	3.056	3.056	3.346	3.346
Survey Offset	59.00	59.00	63.00	63.00	63.00
Gamma Offset	43.76	43.76	57.50	47.52	46.88
Resisitivity Offset	0.00	0.00	0.00	0.00	0.00
Start Depth	10972.00	11559.00	15311.00	17879.00	19878.00
StartDate	3/1/2020	3/3/2020	3/7/2020	3/12/2020	3/15/2020
StartTime	05:30	05:08	15:30	02:30	21:30
EndDepth	11559.00	15311.00	17879.00	19878.00	22457.00
EndDate	3/3/2020	3/7/2020	3/11/2020	3/15/2020	3/21/2020
EndTime	03:30	08:45	20:30	20:00	03:00
Mud Type	OBM	OBM	OBM	OBM	OBM
Mud Weight	12.2 (ppg)	11.9 (ppg)	11.9 (ppg)	12.0 (ppg)	11.9 (ppg)

Funnel Viscosity	59 (sec/qt)	54 (sec/qt)	53 (sec/qt)	58 (sec/qt)	56 (sec/qt)
Plastic Viscosity	15 (cP)	14 (cP)	15 (cP)	15 (cP)	17 (cP)
Yield Point	12 (lbf/100ft2)	10 (lbf/100ft2)	12 (lbf/100ft2)	12 (lbf/100ft2)	11 (lbf/100ft2)
Gel Strength	8 (10sec)(lbf/100ft2)	8 (10sec)(lbf/100ft2)	11 (10sec)(lbf/100ft2)	11 (10sec)(lbf/100ft2)	11 (10sec)(lbf/100ft2)
Solids Content	22.00%	20.8%	20.75%	21.75%	21.00%
Sand Content	Trc	Trc	Trc	Trc	Trc
Mud Alkalinity	6.0 (Pm) (cc/cc)	5.7 (Pm) (cc/cc)	5.8 (Pm) (cc/cc)	5.1 (Pm) (cc/cc)	4.8 (Pm) (cc/cc)
Chlorides	57500 (mg/L)	51000 (mg/L)	45000 (mg/L)	44500 (mg/L)	46000 (mg/L)
Temperature	149.0°F	182..2°F	208.0°F	210.0°F	217.4°F

Hole Data			Casing Data		
Size	**From**	**To**	**Size**	**From**	**To**
13.375	0.00	1275.00	13.375	0.00	1275.00
12.25	1275.00	5300.00	7.625	0.00	10972.00
9.875	5300.00	10962.00			
6.75	10962.00	22457.00			

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, cost damages or expenses incurred or sustained by anyone resulting from an interpretation made by any of our officers, agents, or employees.

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MD: 2097.00 INC: 4.76 AZ: 21.28 TVD: 2096.42 VS: -10.50 DLS: 2.26
MD: 2192.00 INC: 6.80 AZ: 21.77 TVD: 2190.93 VS: -19.39 DLS: 2.15
MD: 2287.00 INC: 6.97 AZ: 21.88 TVD: 2285.25 VS: -29.95 DLS: 0.18
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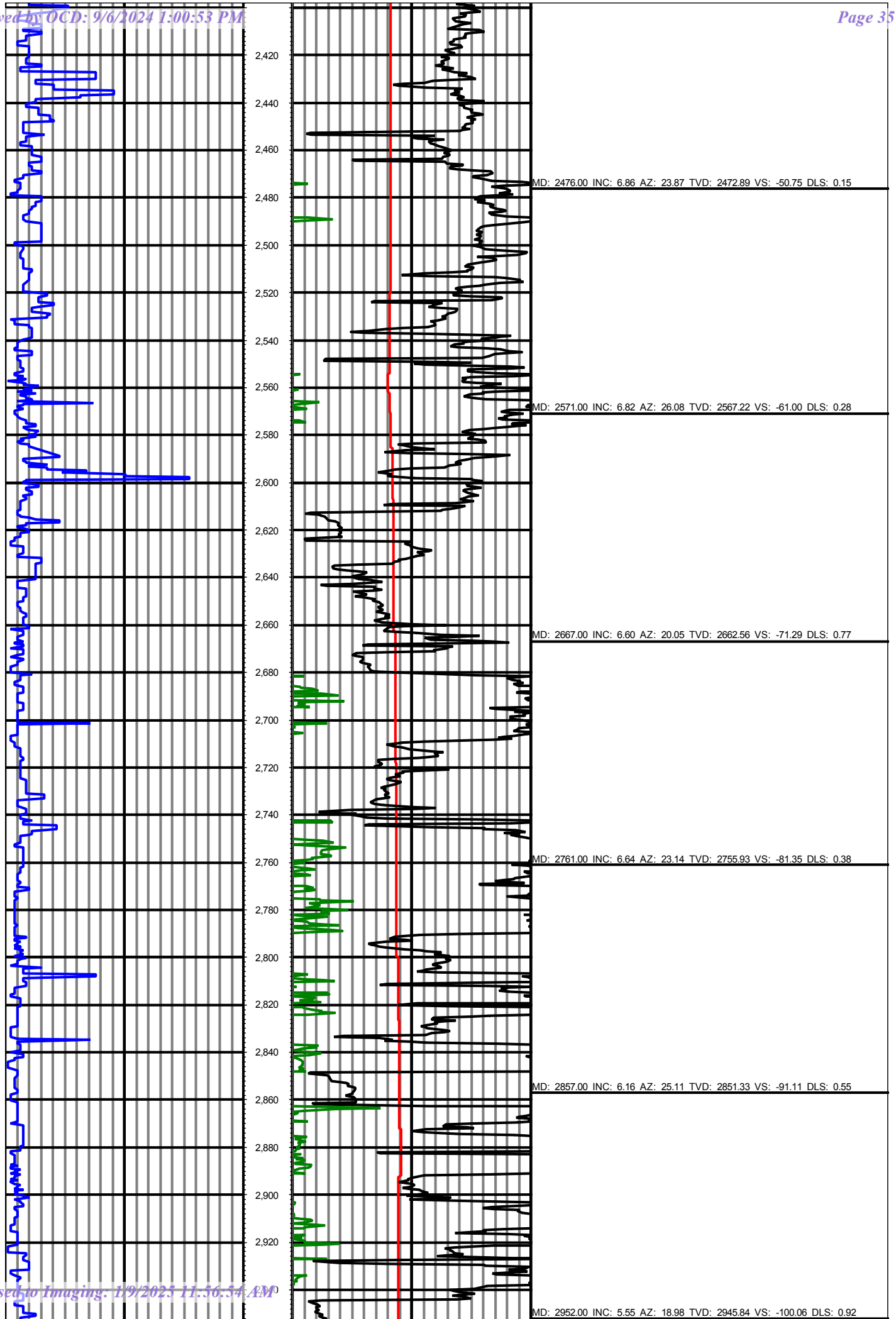
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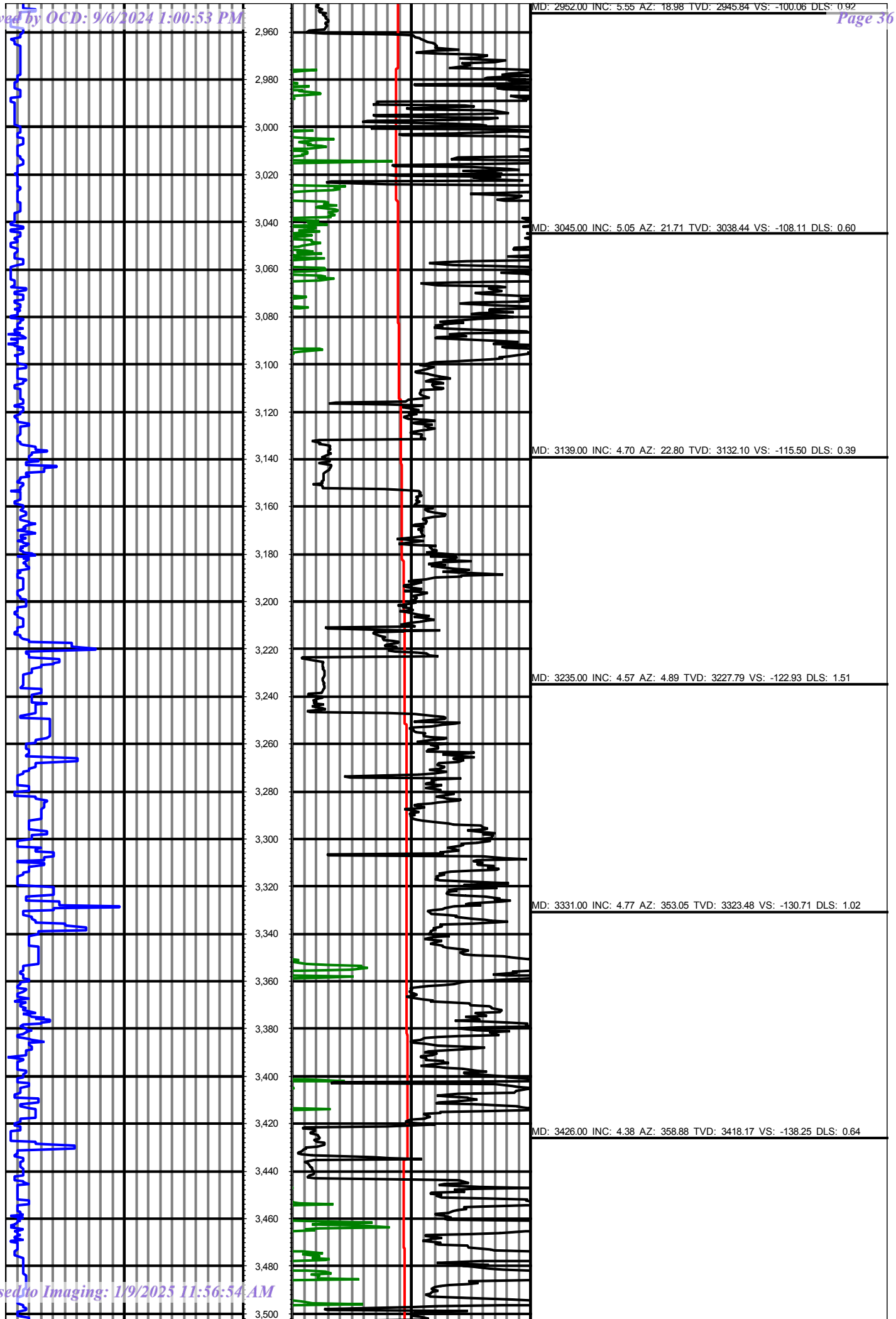
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MD: 3235.00 INC: 4.57 AZ: 4.89 TVD: 3227.79 VS: -122.93 DLS: 1.51
MD: 3331.00 INC: 4.77 AZ: 353.05 TVD: 3323.48 VS: -130.71 DLS: 1.02
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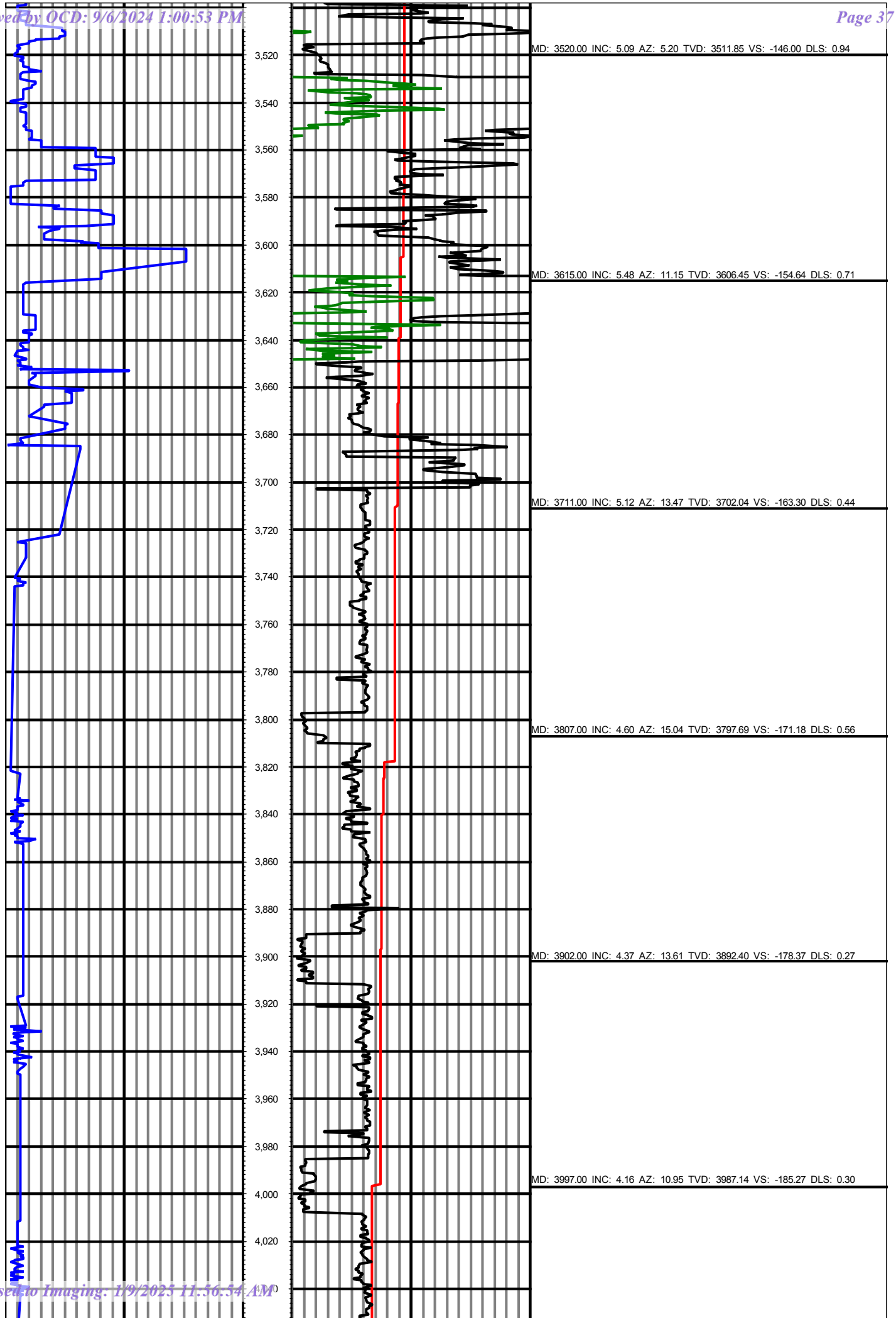
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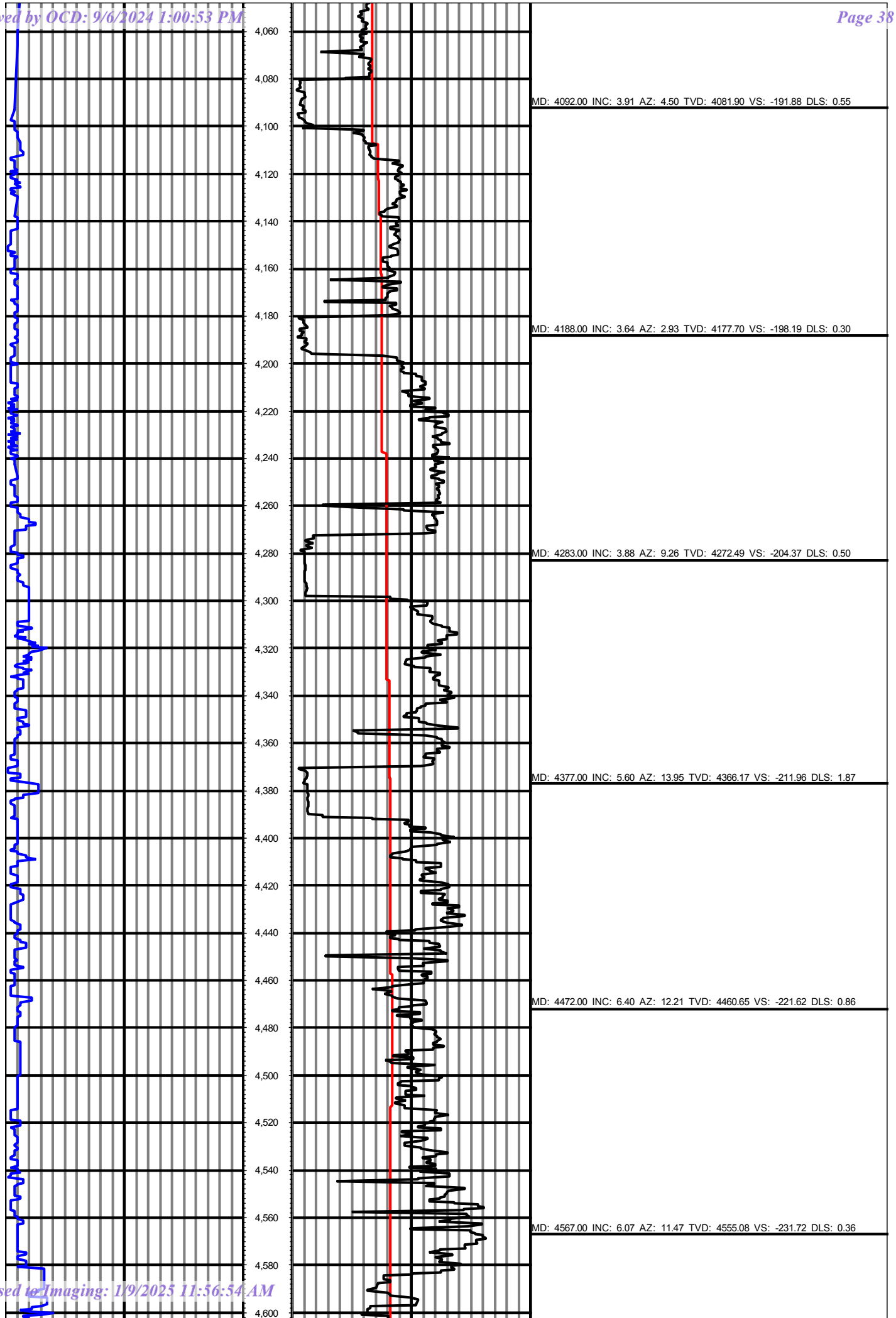
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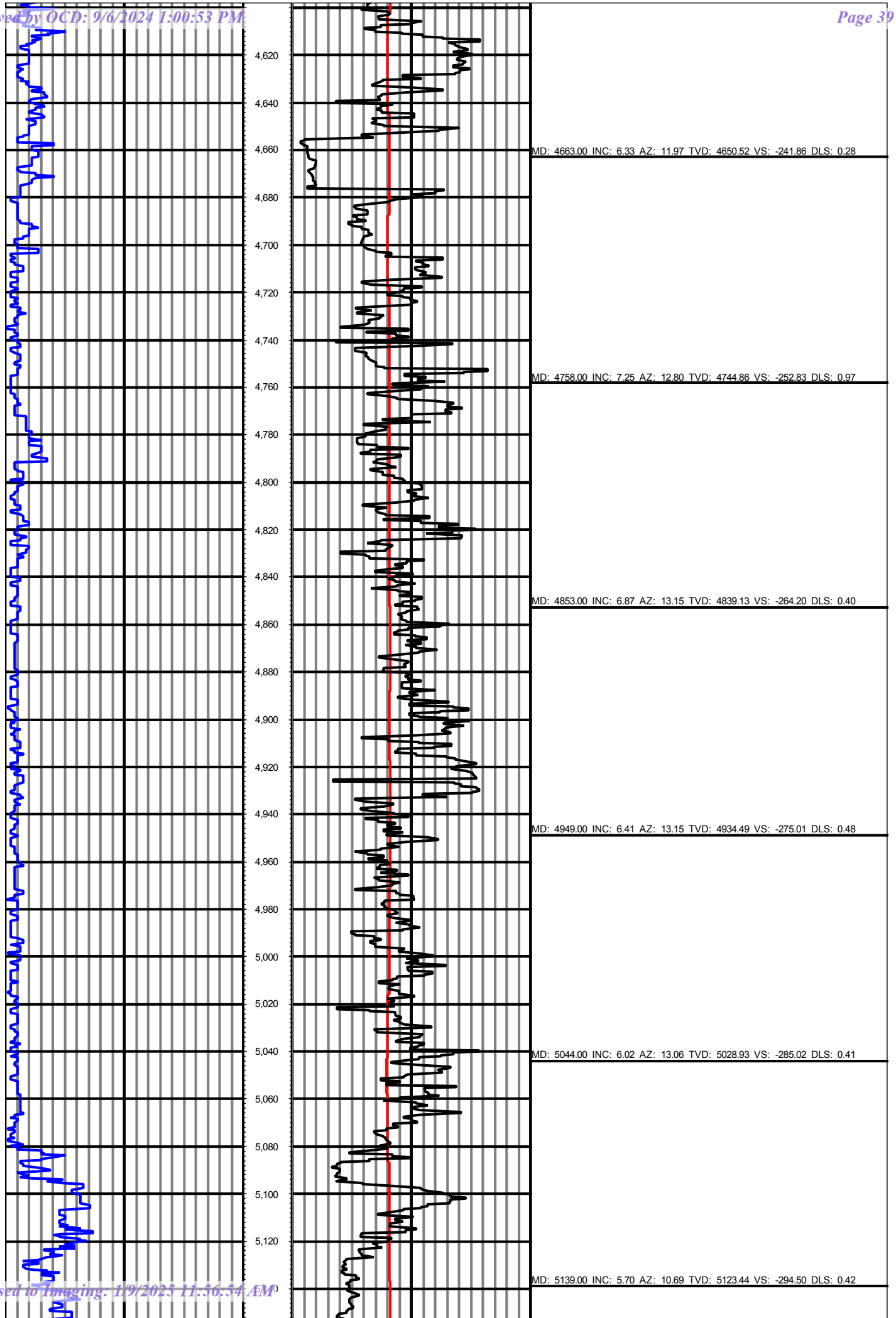
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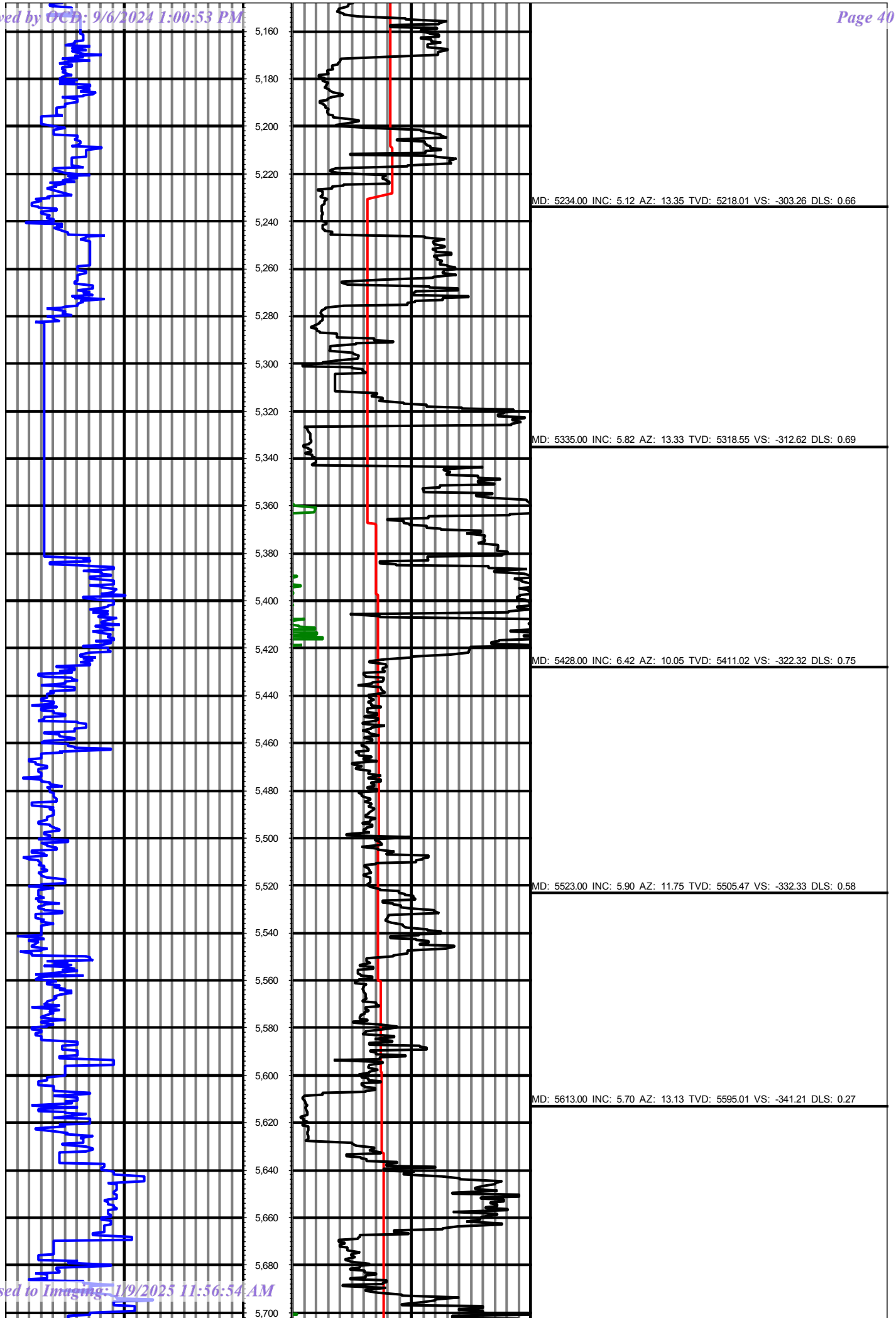
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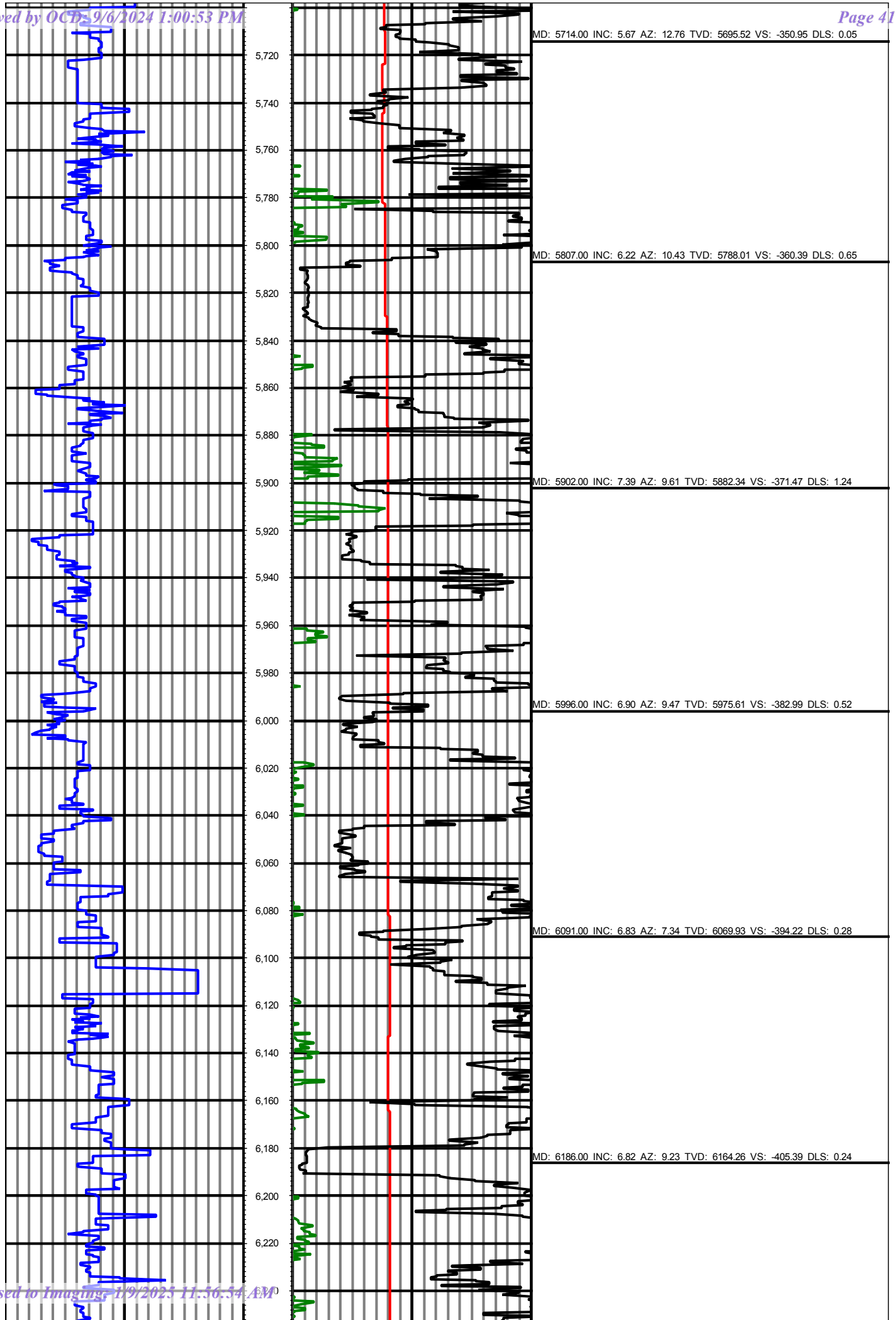
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MD: 5902.00 INC: 7.39 AZ: 9.61 TVD: 5882.34 VS: -371.47 DLS: 1.24
MD: 5996.00 INC: 6.90 AZ: 9.47 TVD: 5975.61 VS: -382.99 DLS: 0.52
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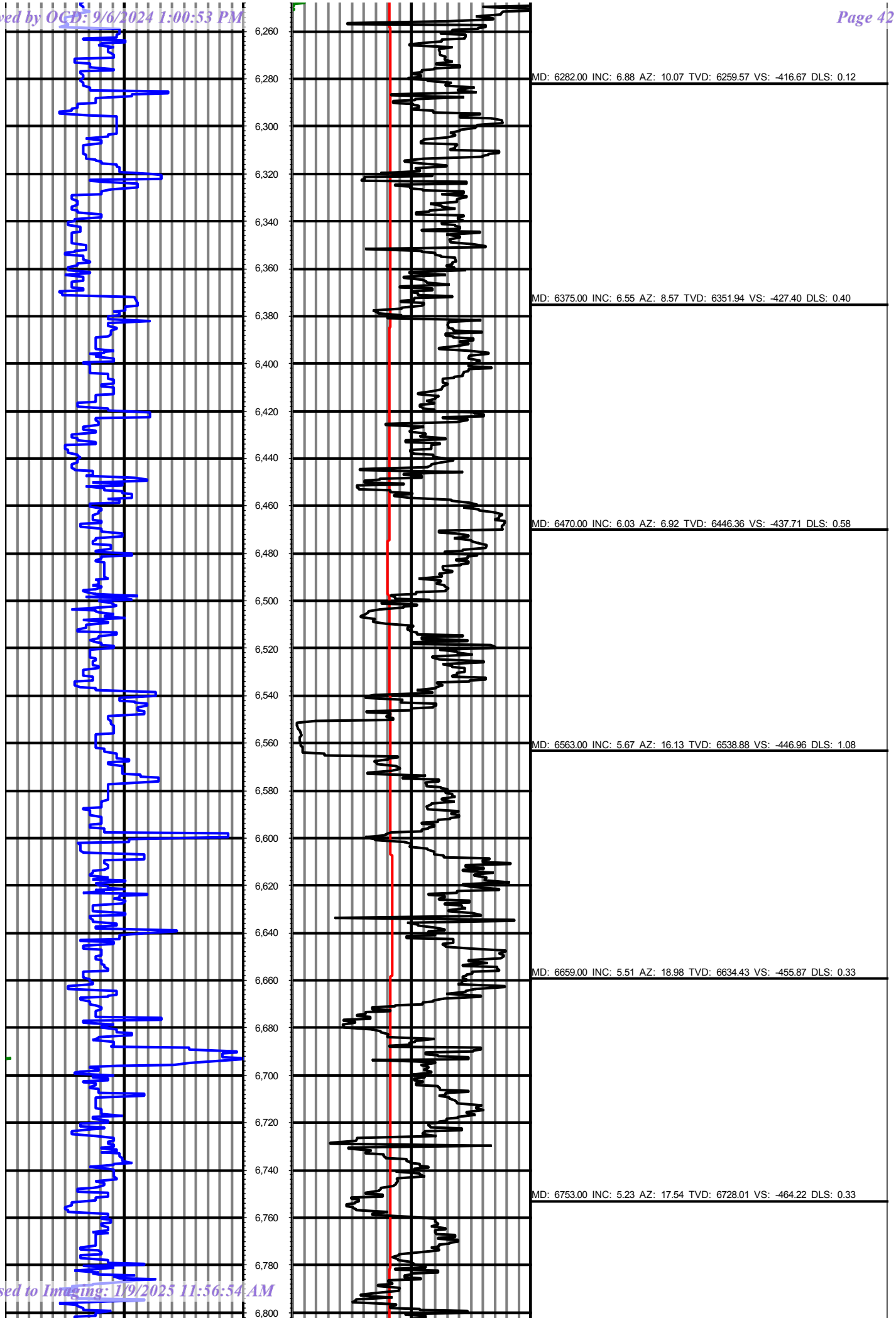
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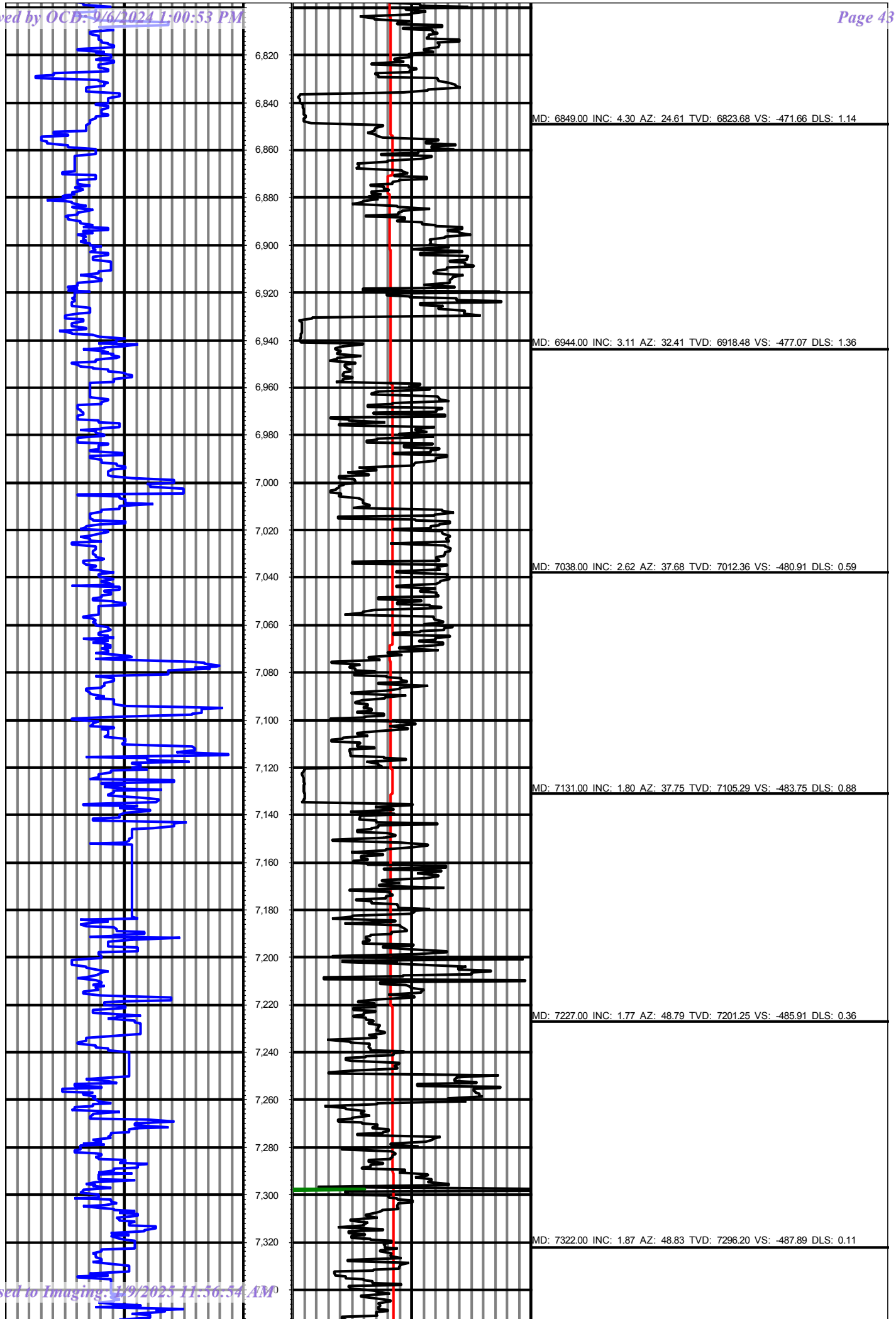
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MD: 7038.00 INC: 2.62 AZ: 37.68 TVD: 7012.36 VS: -480.91 DLS: 0.59
MD: 7131.00 INC: 1.80 AZ: 37.75 TVD: 7105.29 VS: -483.75 DLS: 0.88
MD: 7227.00 INC: 1.77 AZ: 48.79 TVD: 7201.25 VS: -485.91 DLS: 0.36
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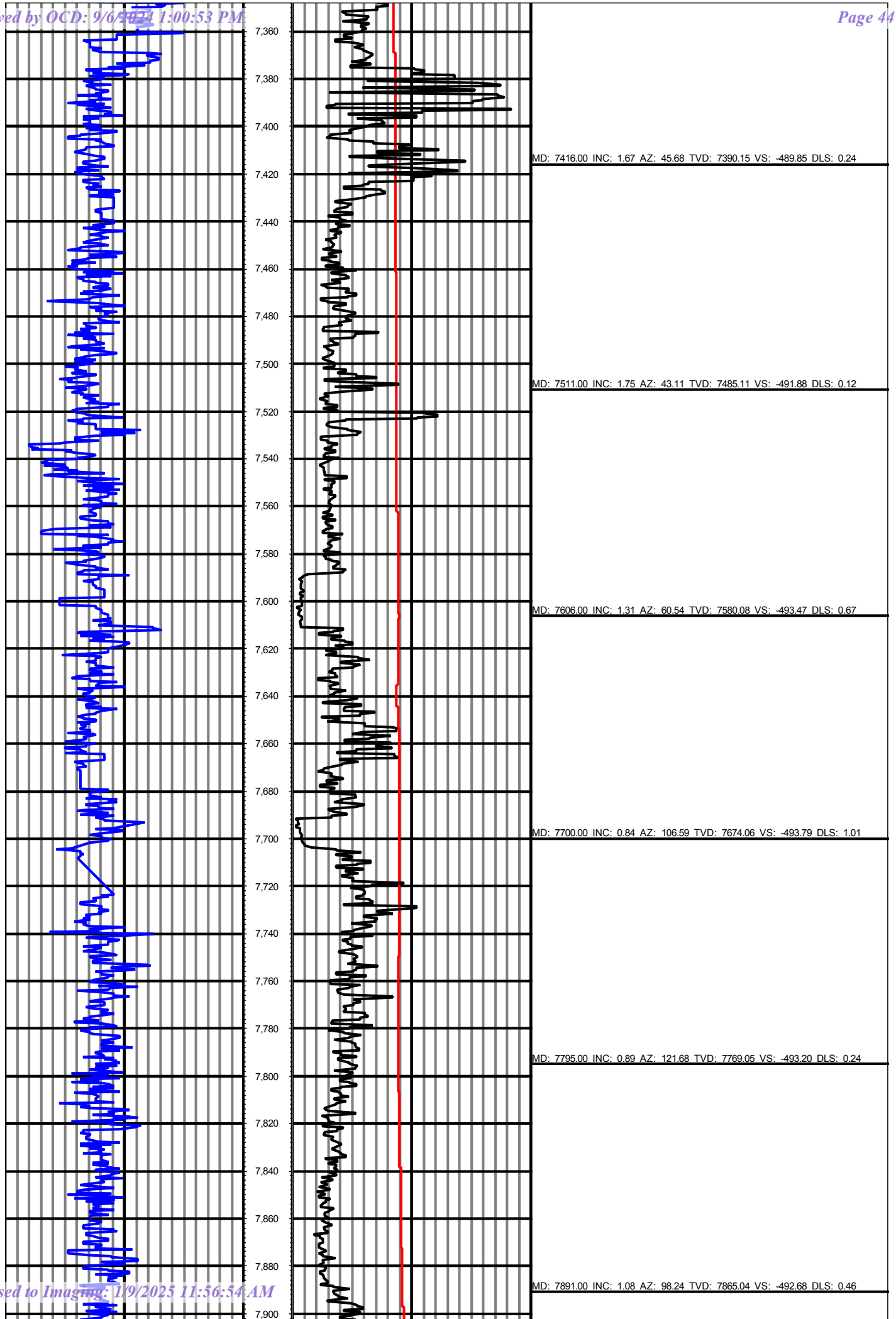
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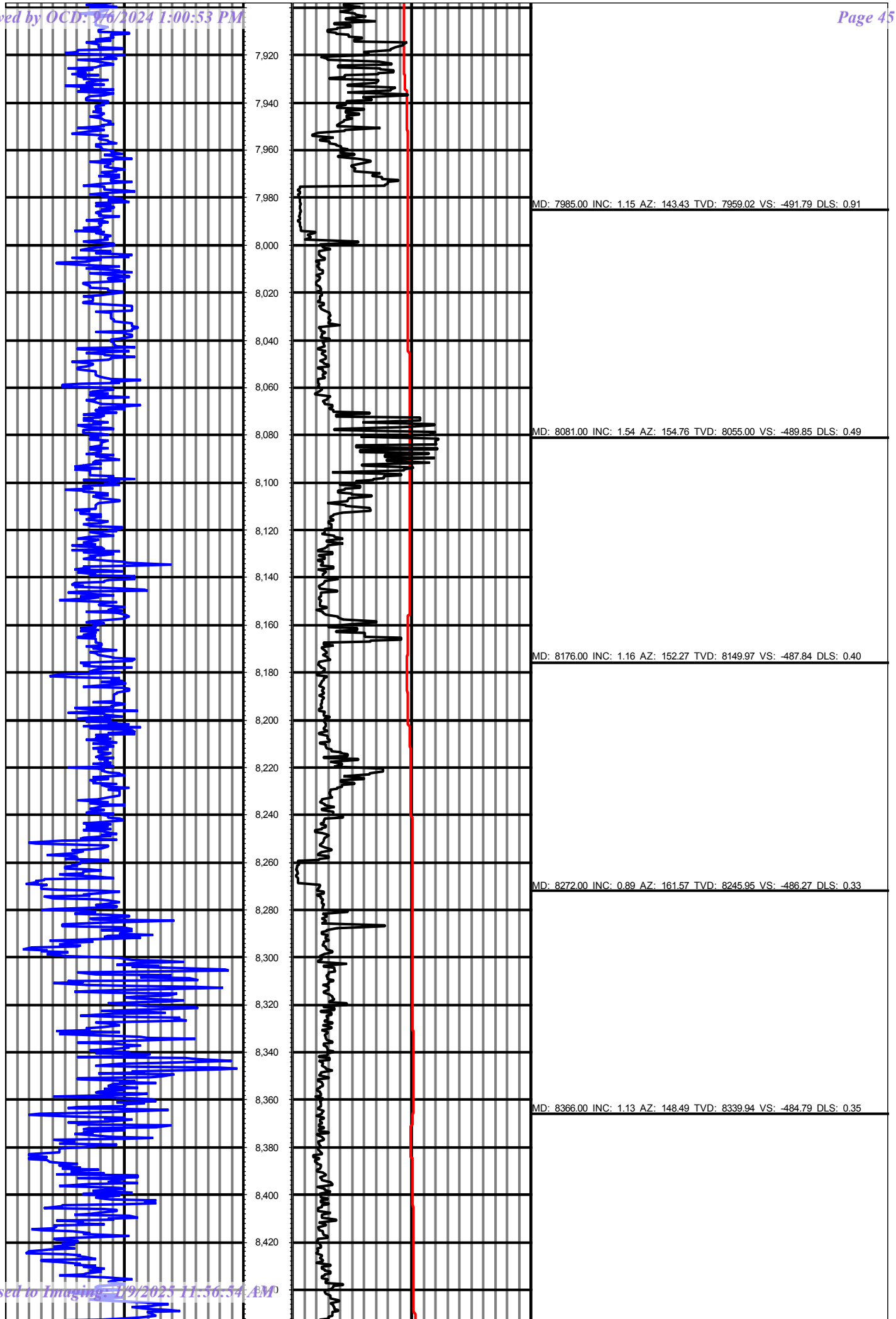
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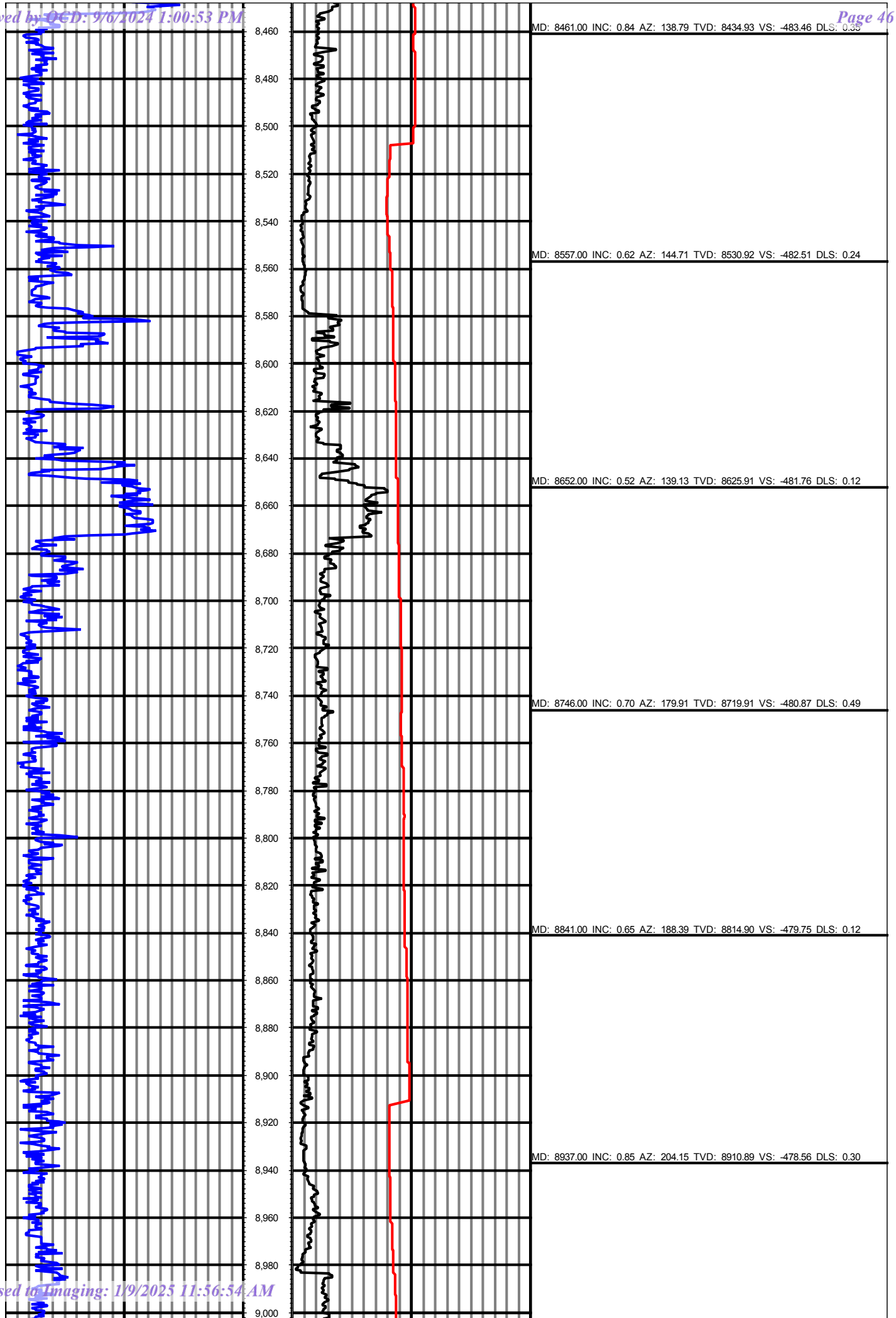
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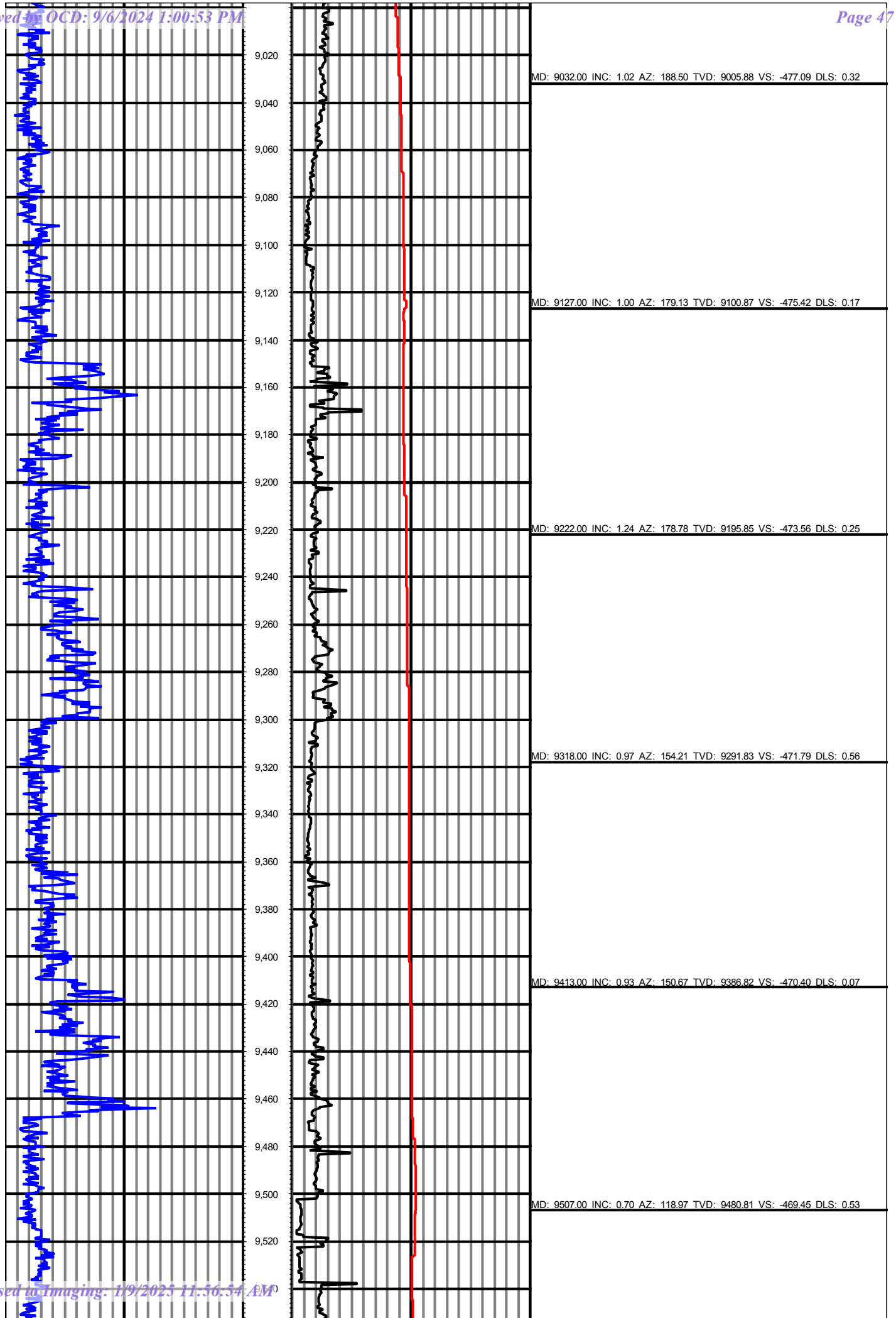
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MD: 9318.00 INC: 0.97 AZ: 154.21 TVD: 9291.83 VS: -471.79 DLS: 0.56
MD: 9413.00 INC: 0.93 AZ: 150.67 TVD: 9386.82 VS: -470.40 DLS: 0.07
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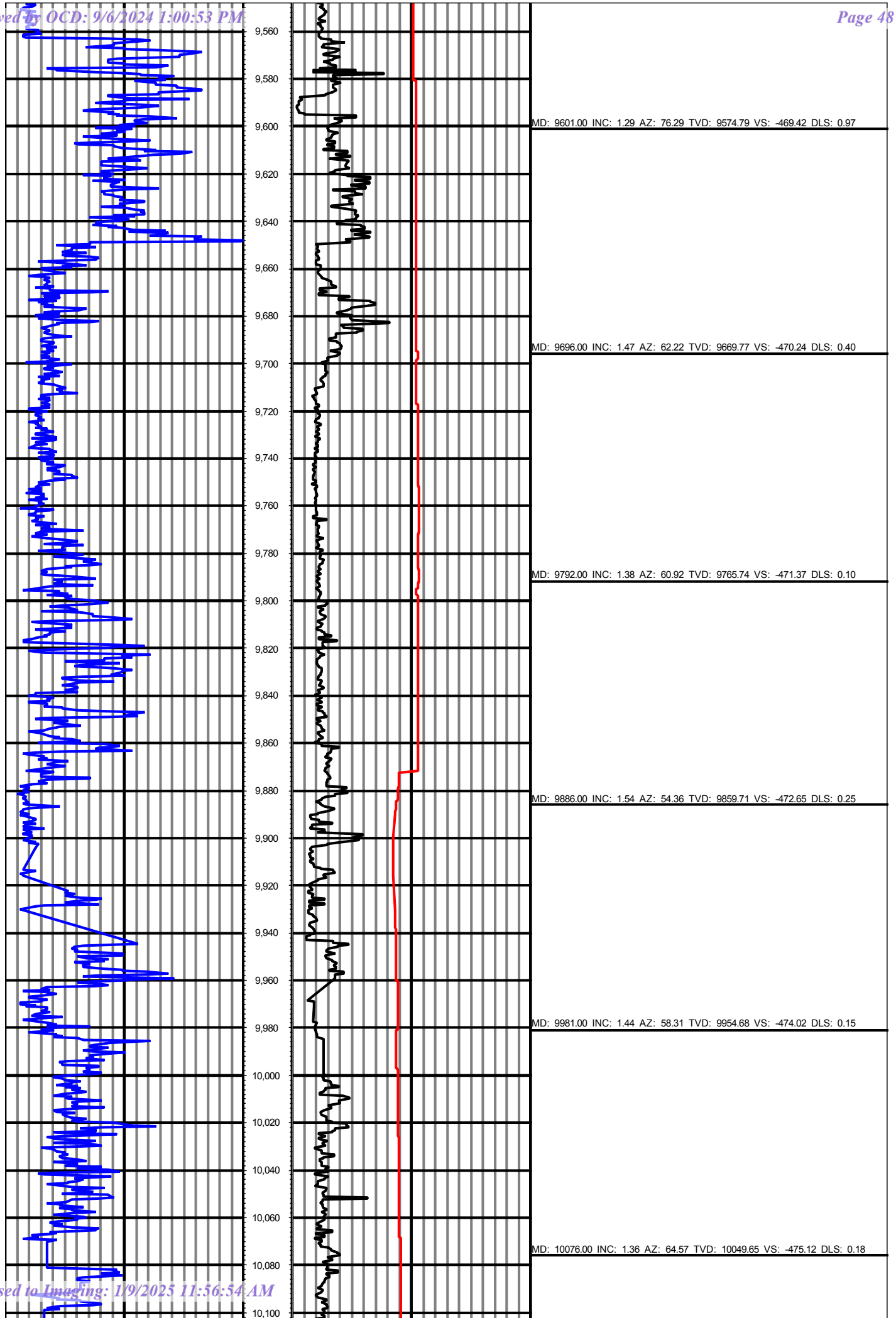
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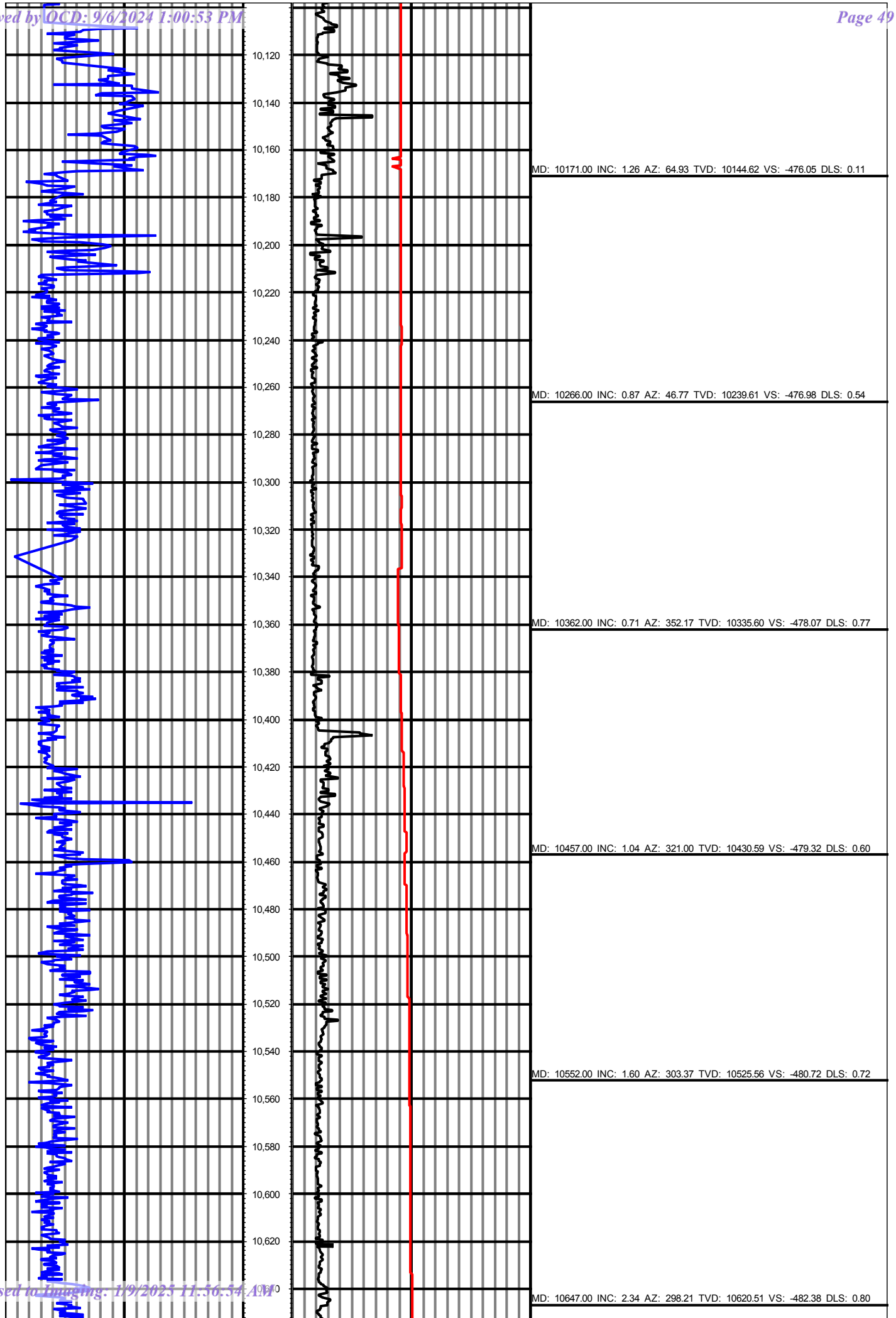
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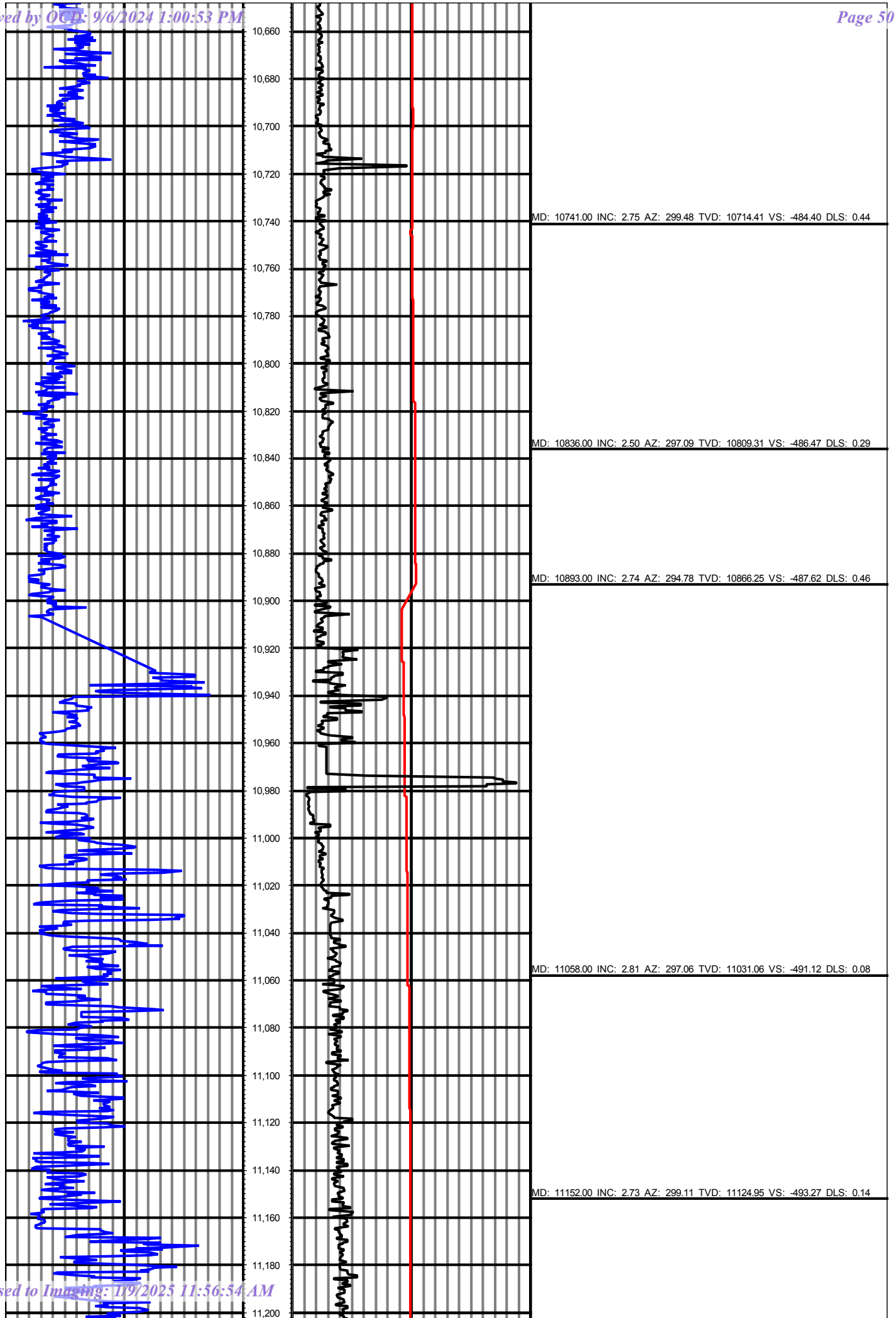
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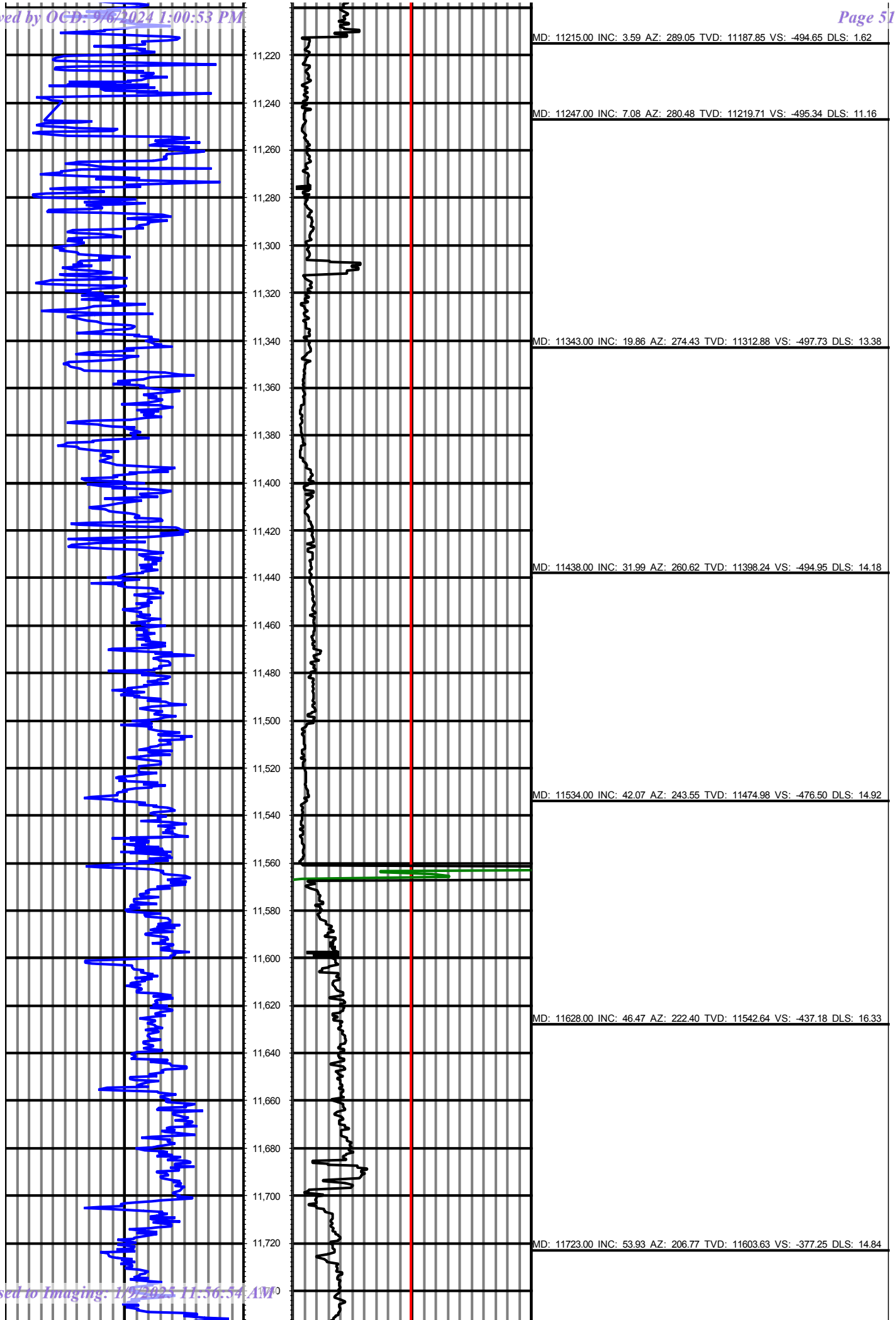
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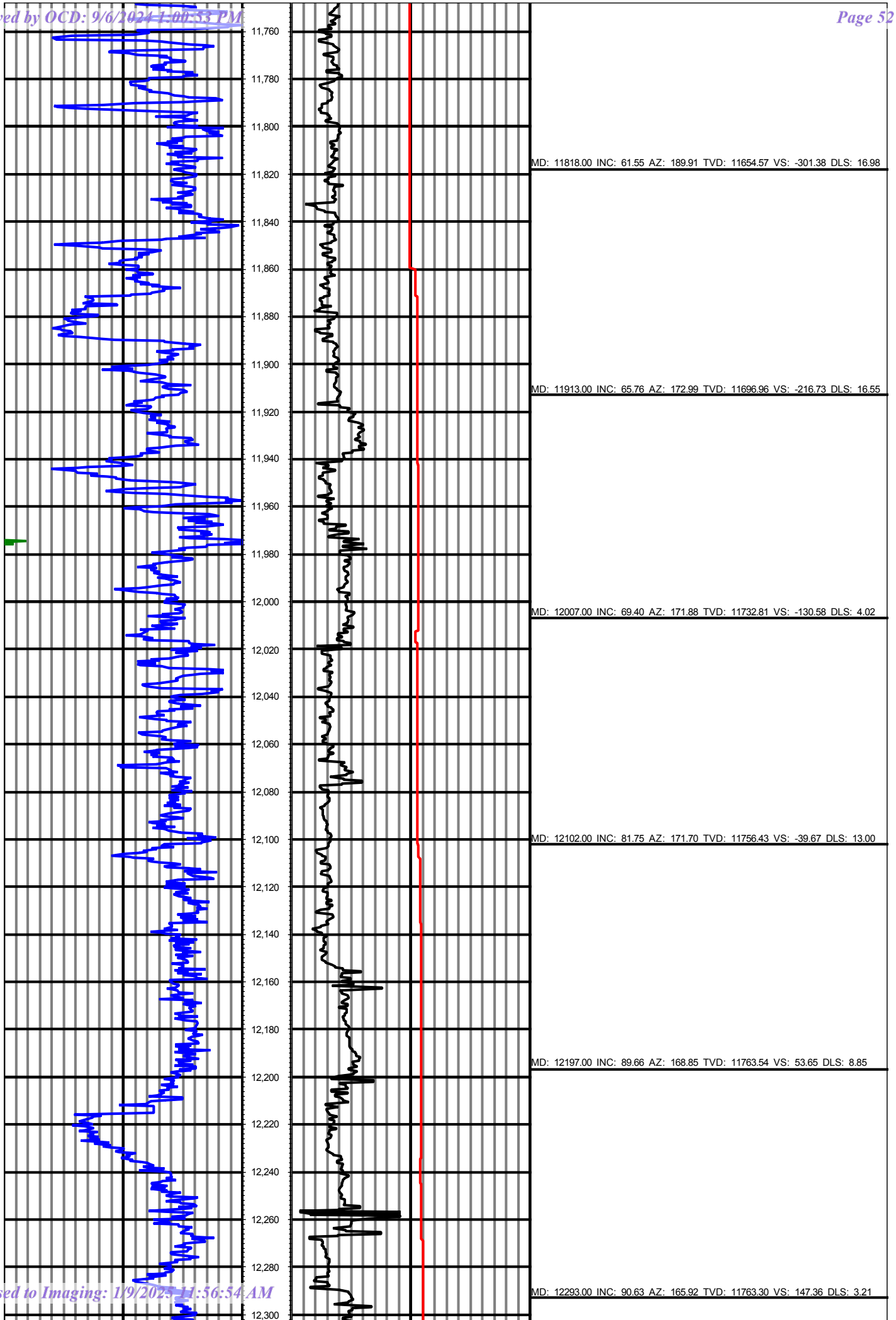
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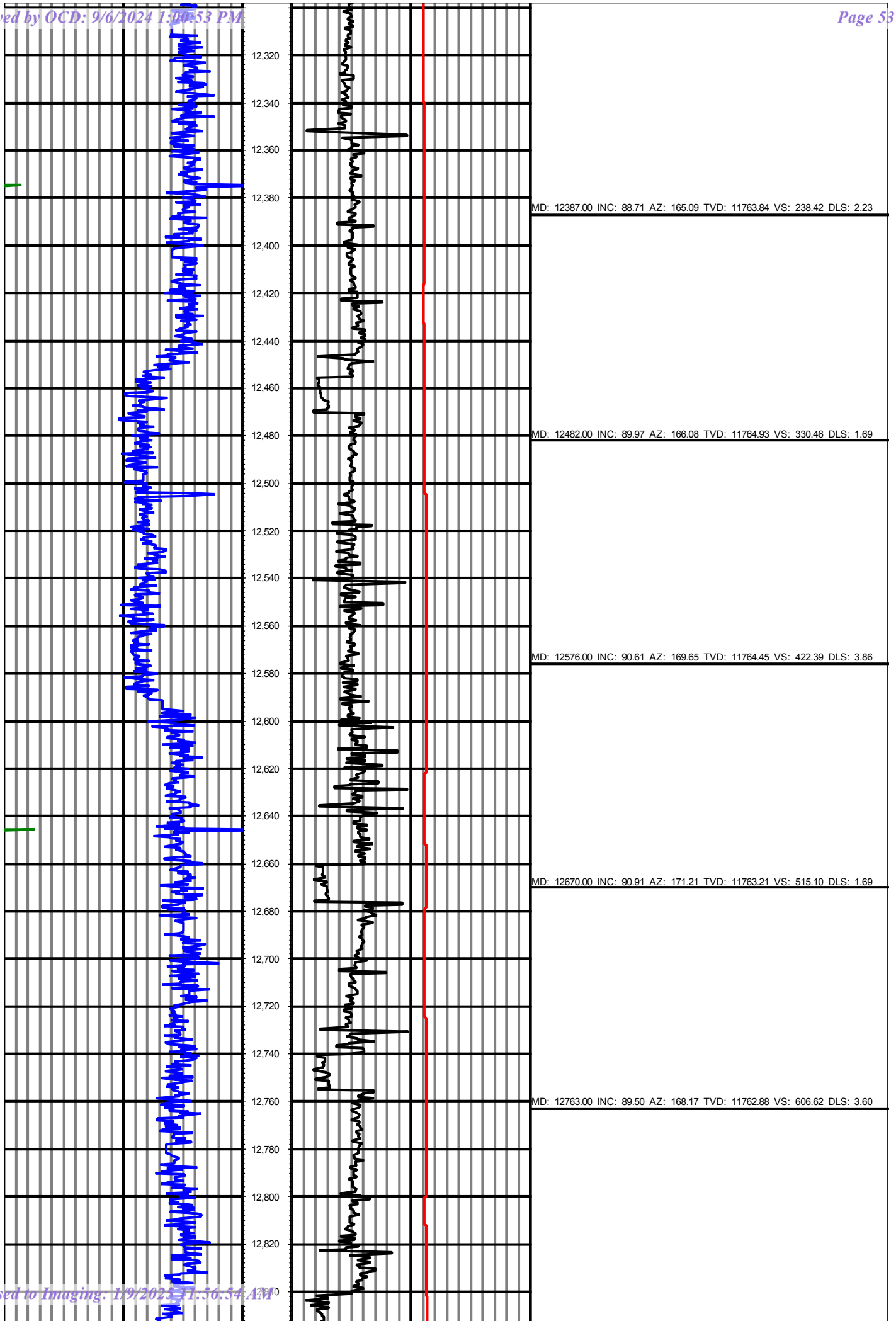
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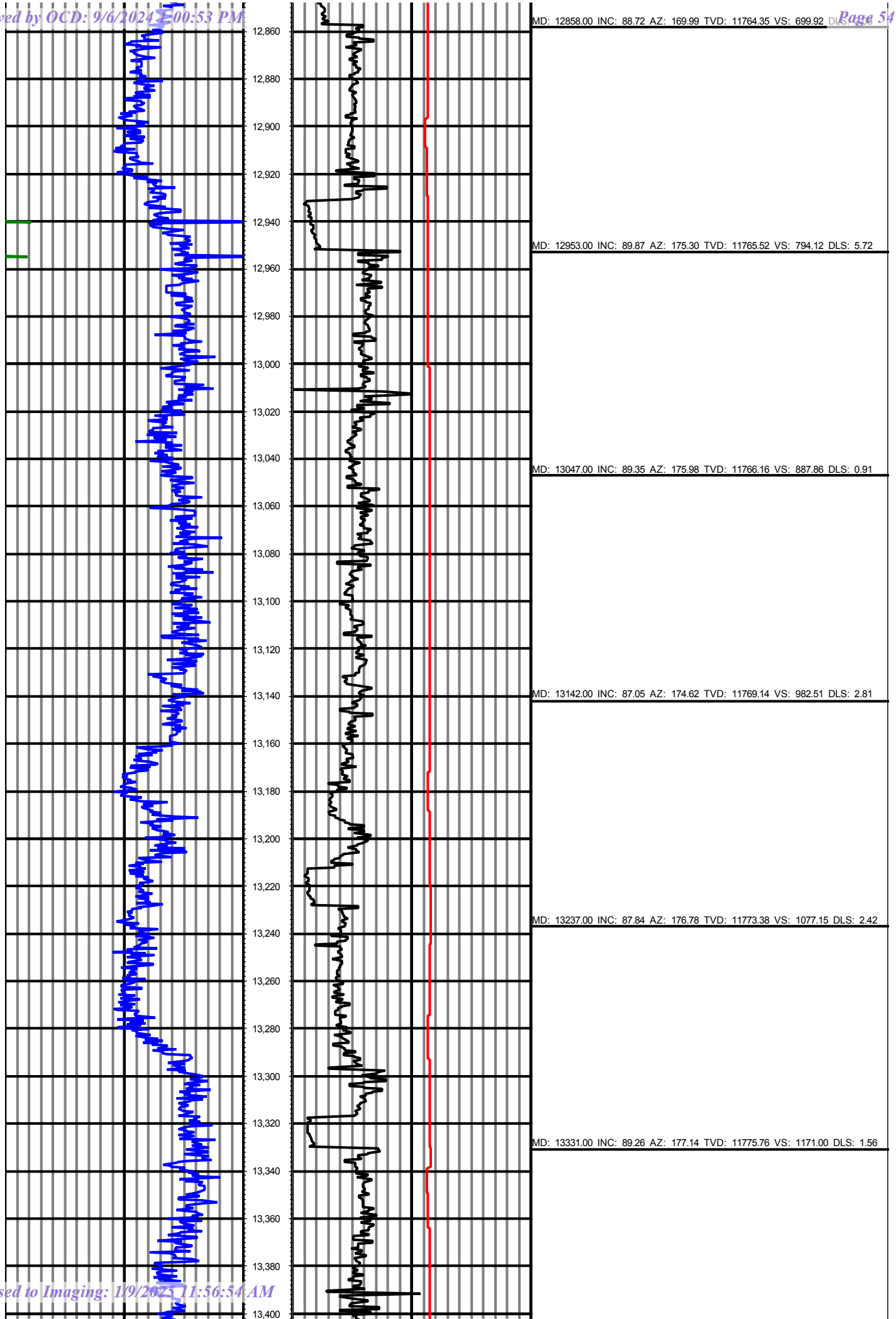
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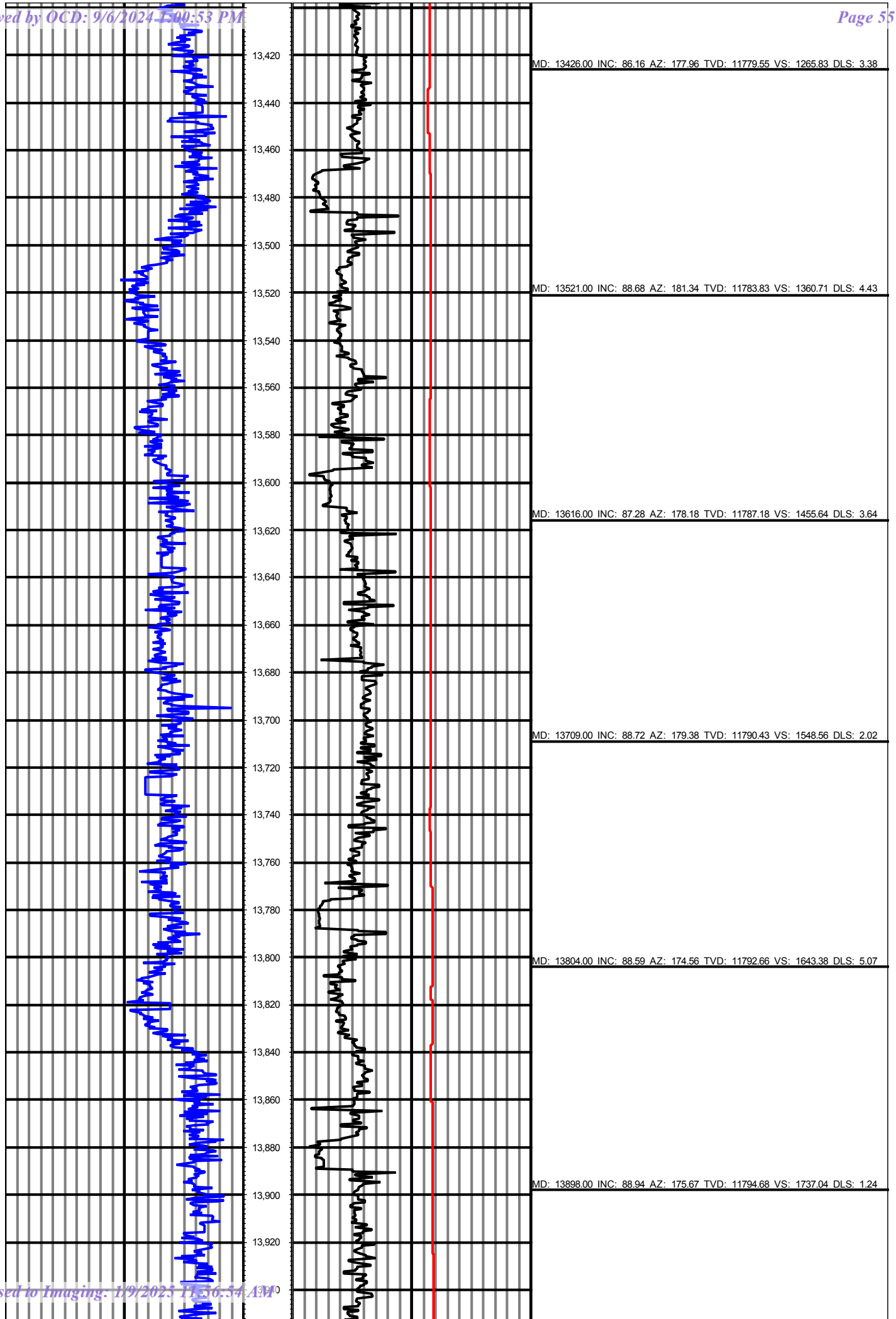
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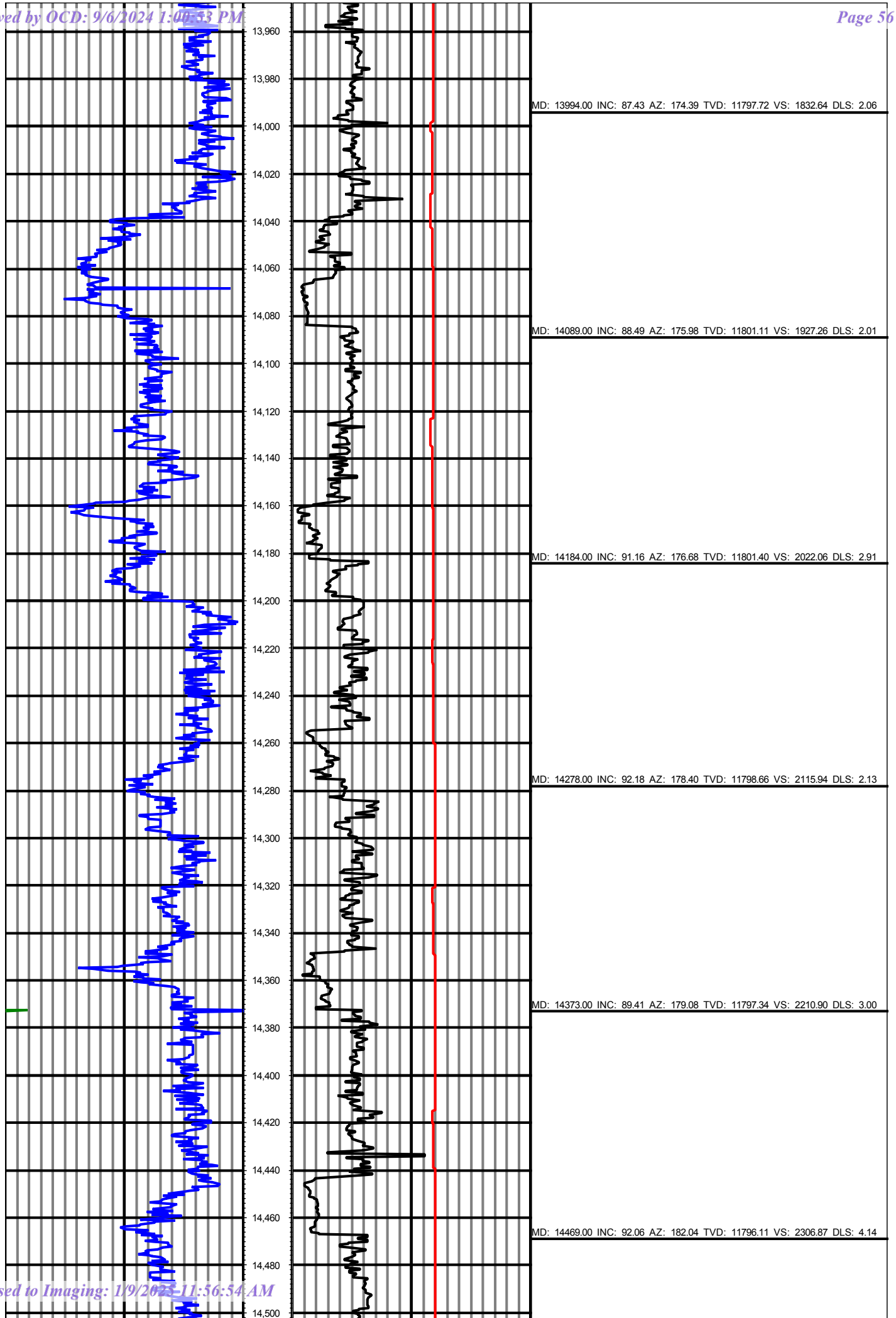
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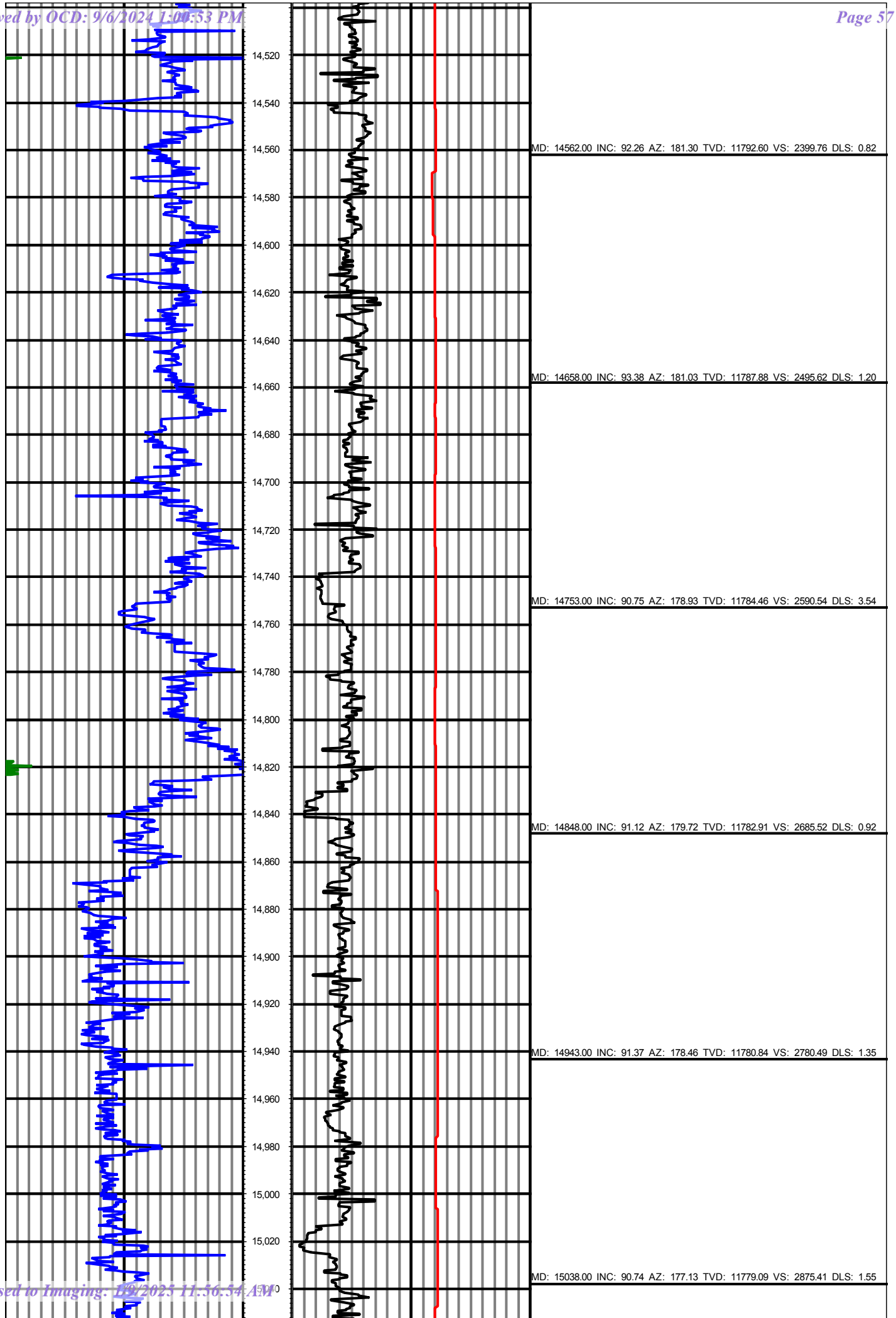
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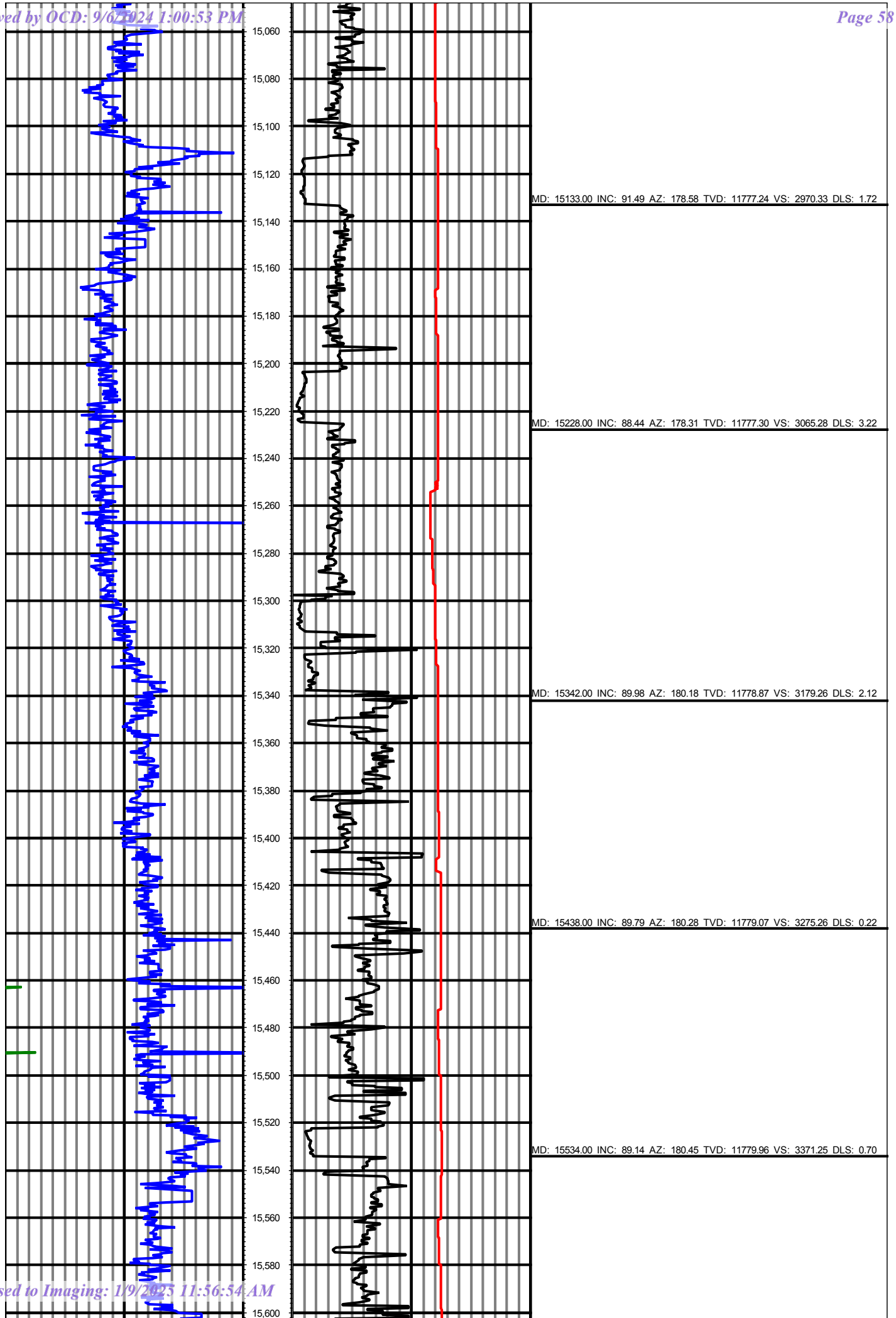
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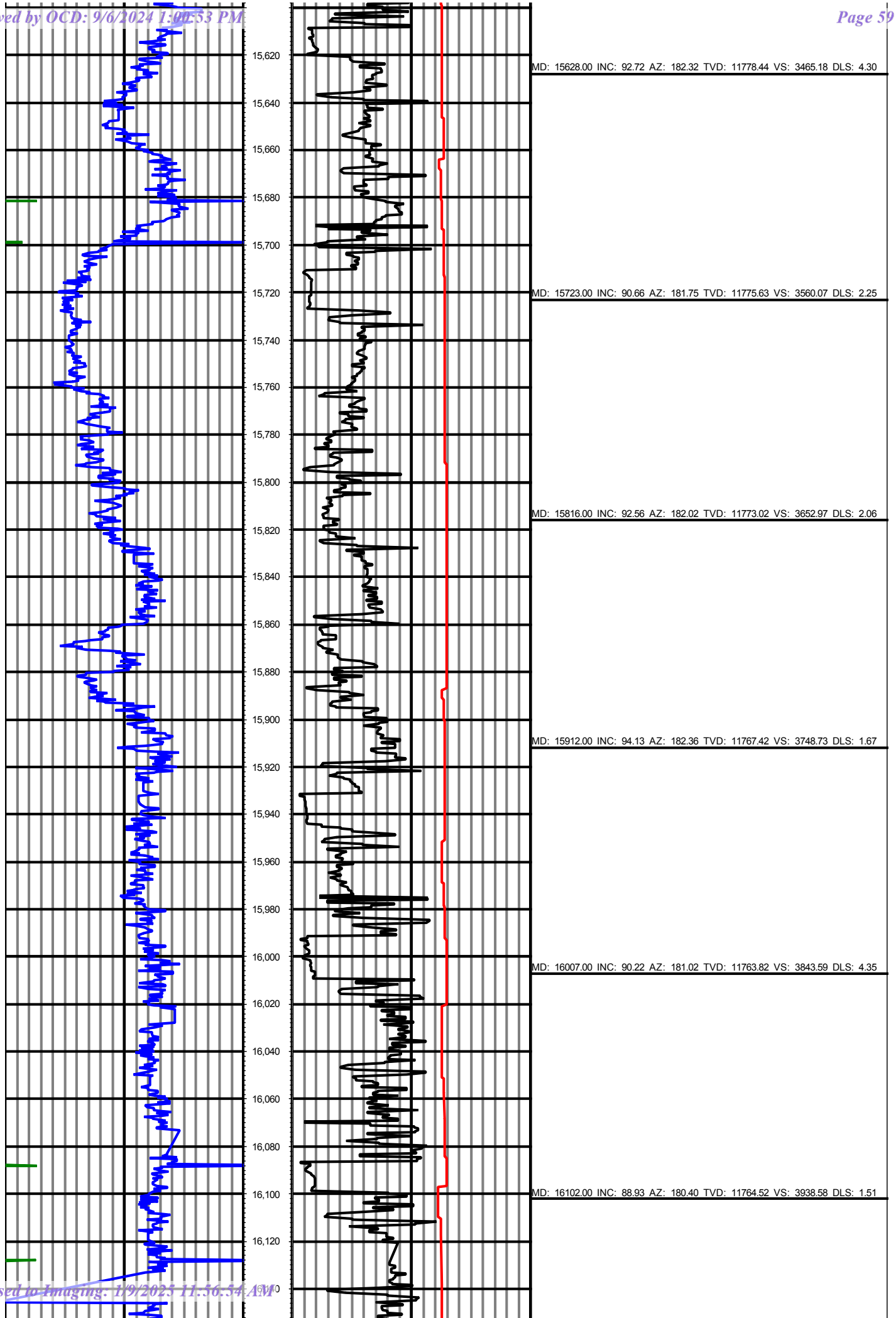
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MD: 15912.00 INC: 94.13 AZ: 182.36 TVD: 11767.42 VS: 3748.73 DLS: 1.67
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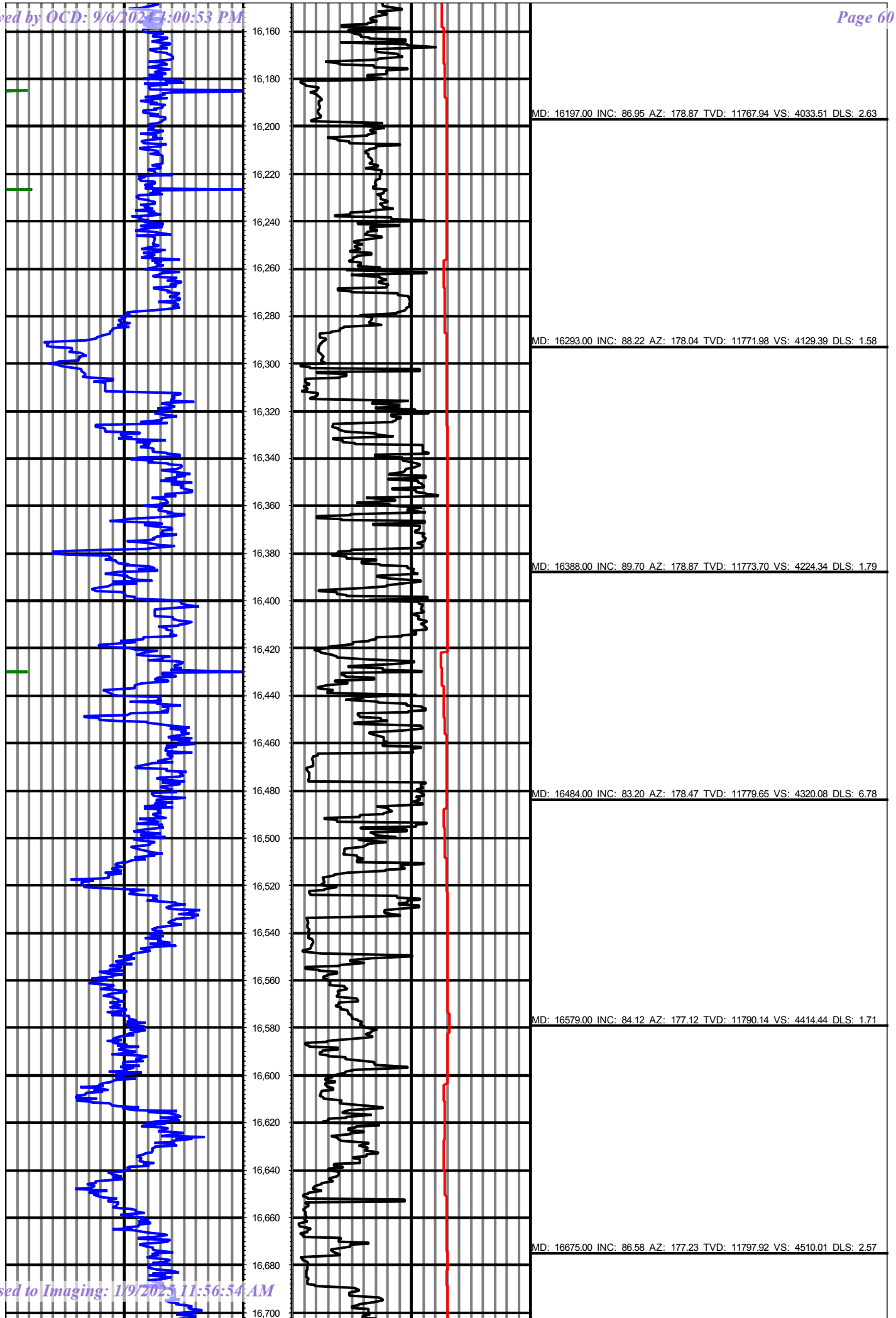
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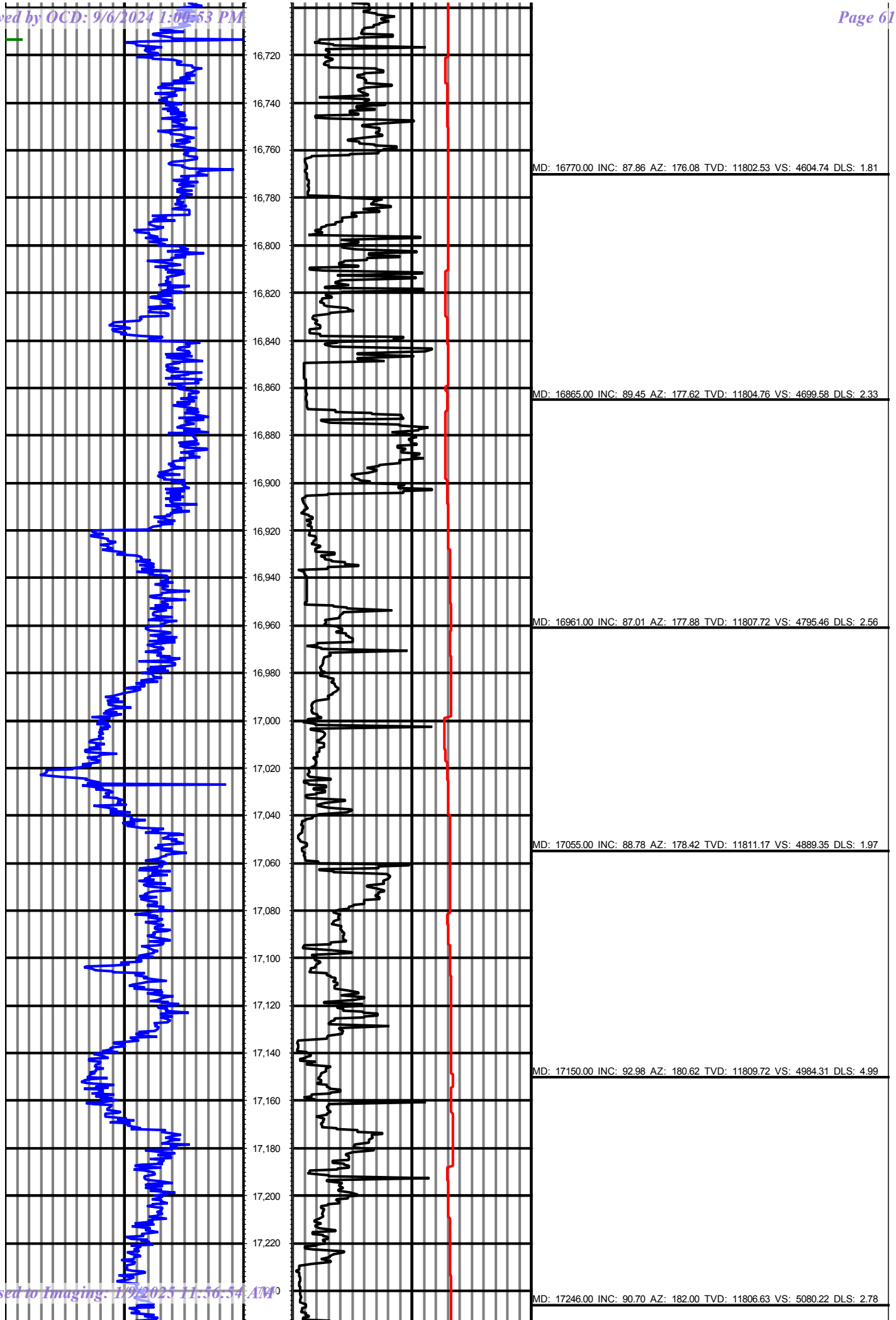
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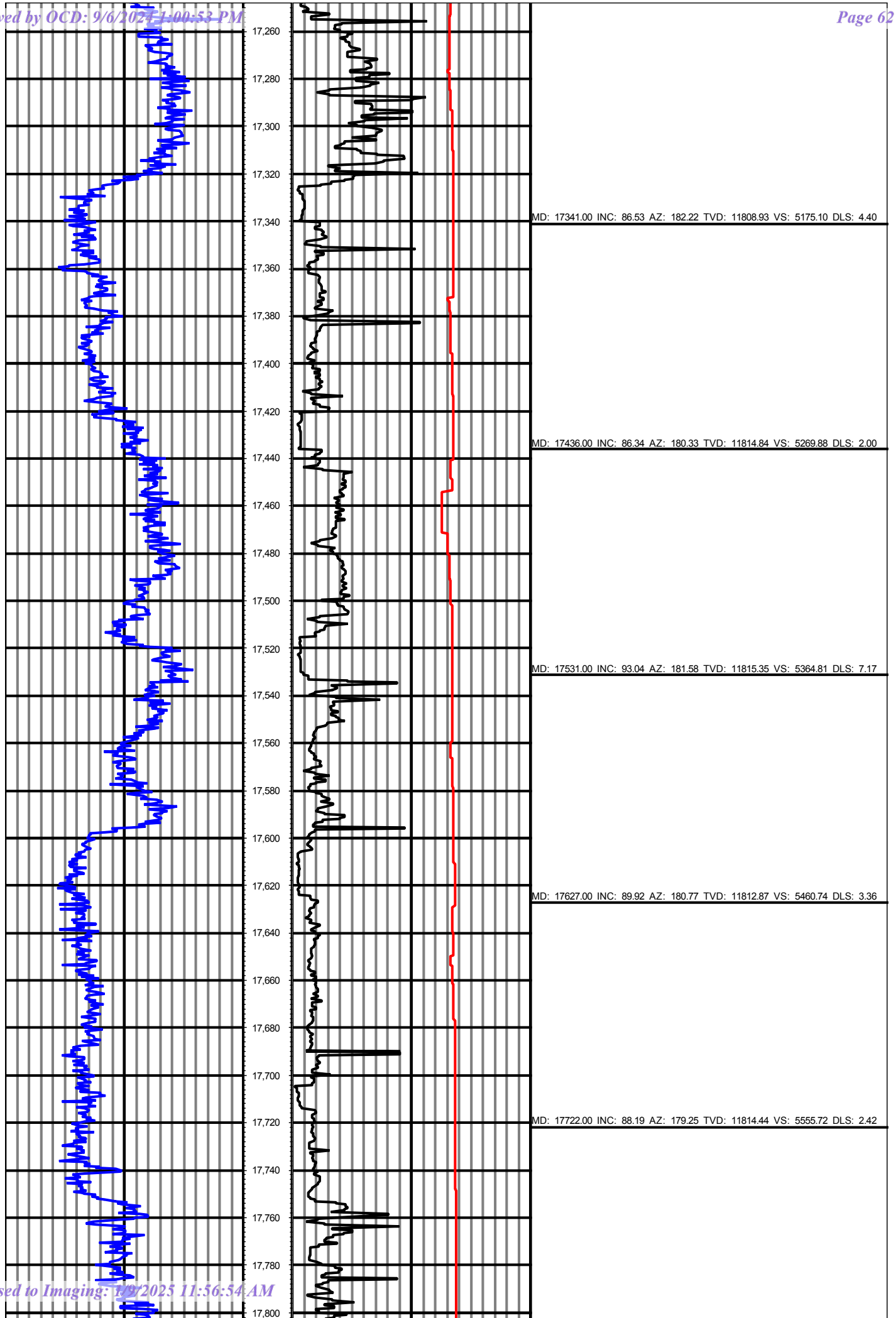
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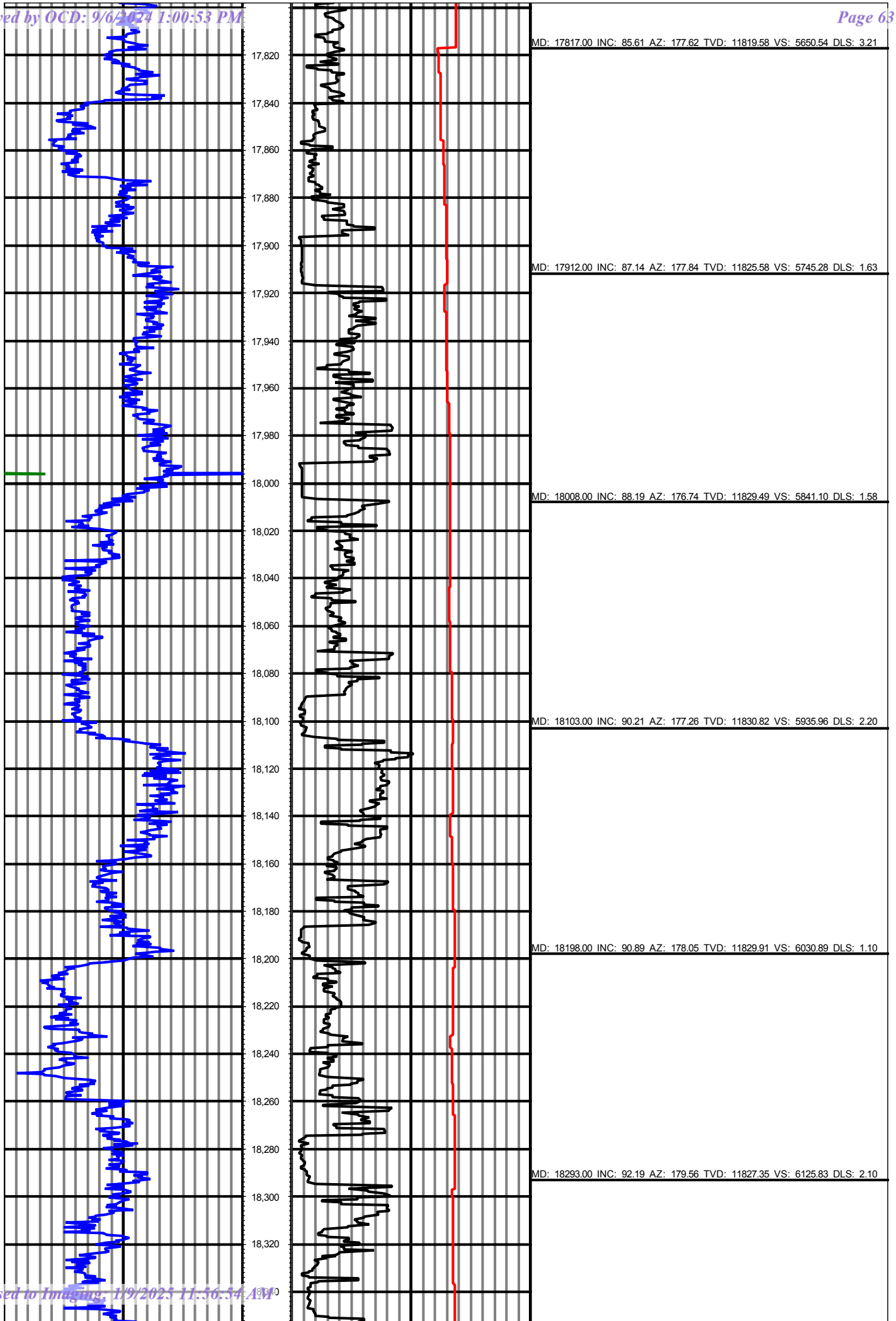
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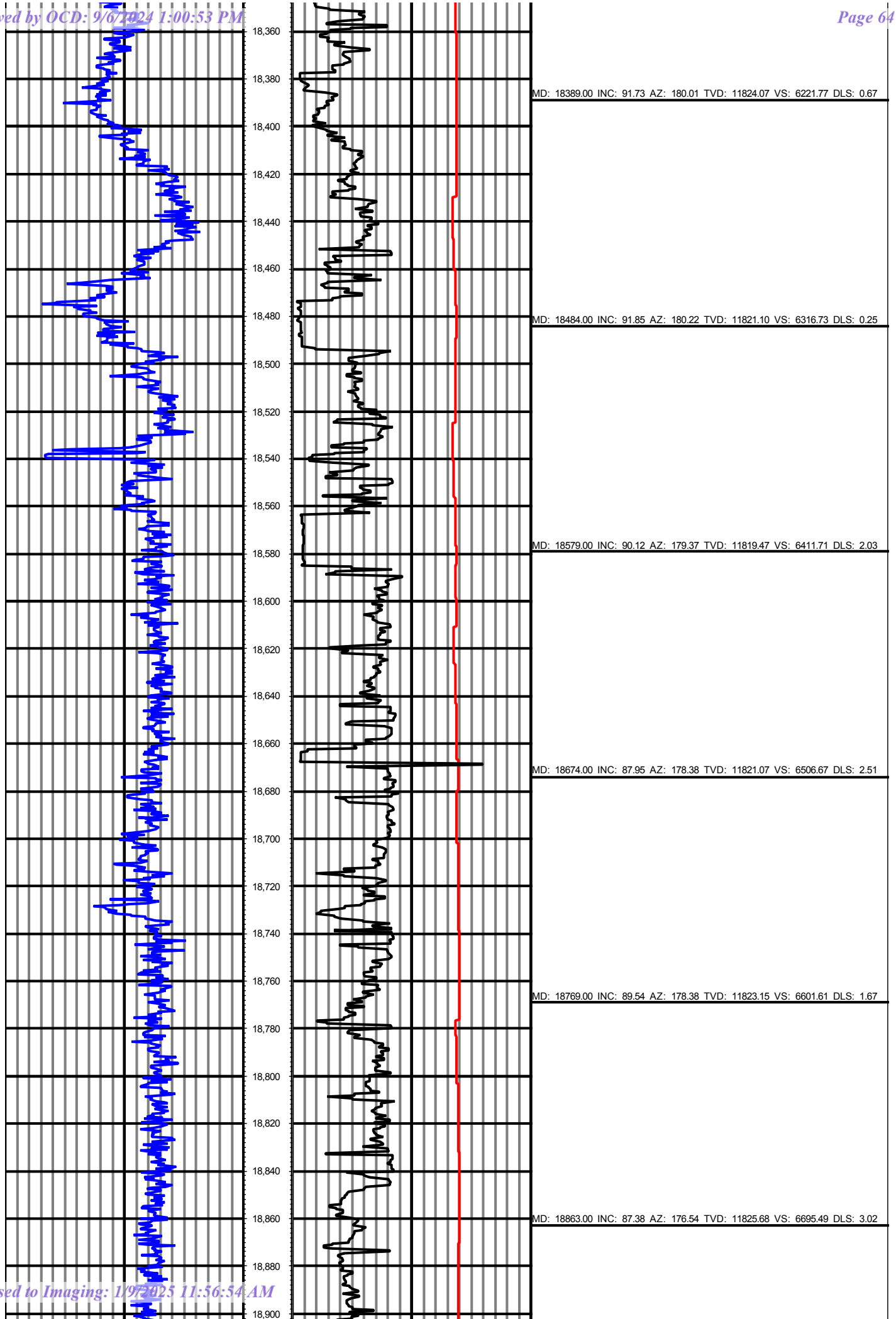
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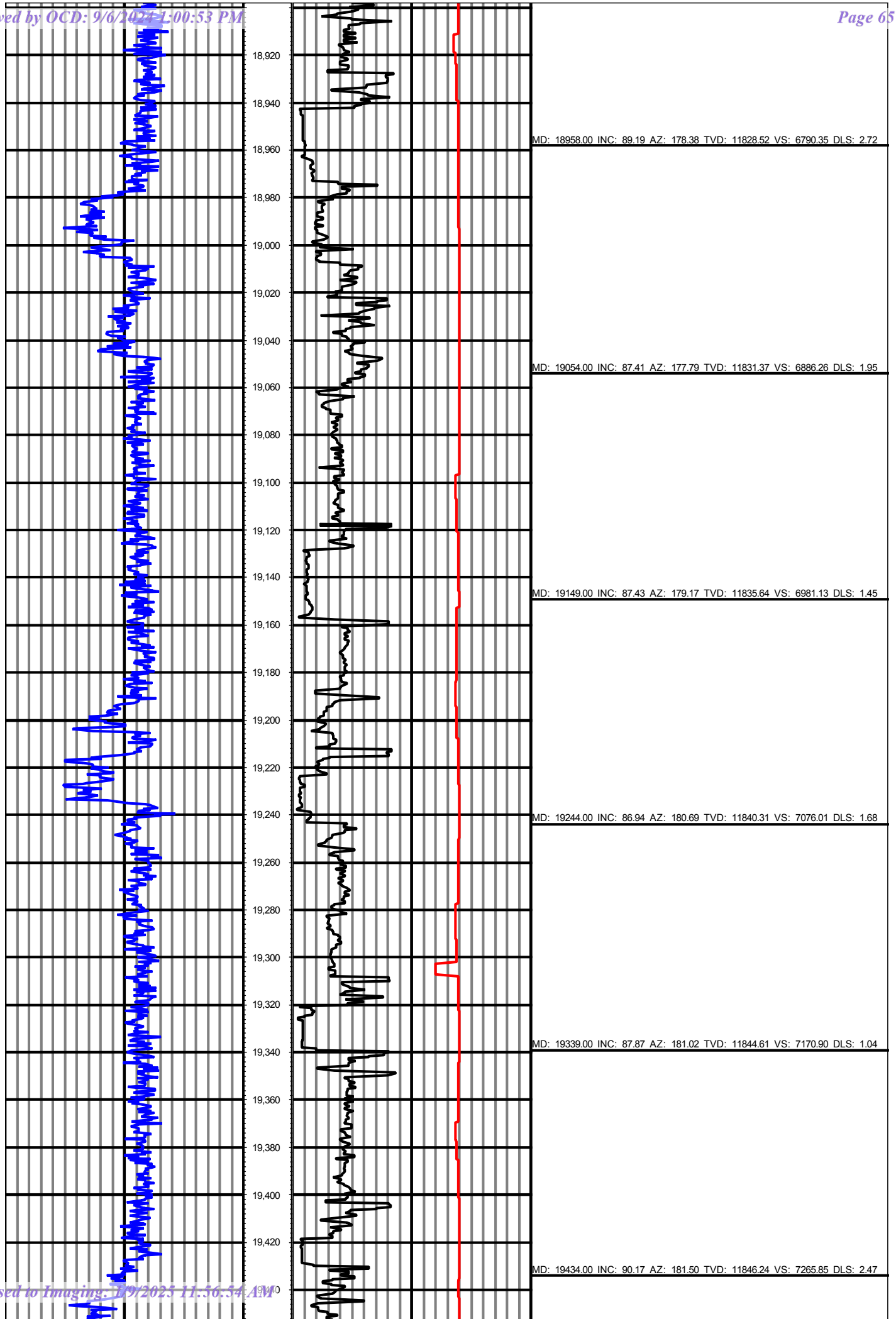
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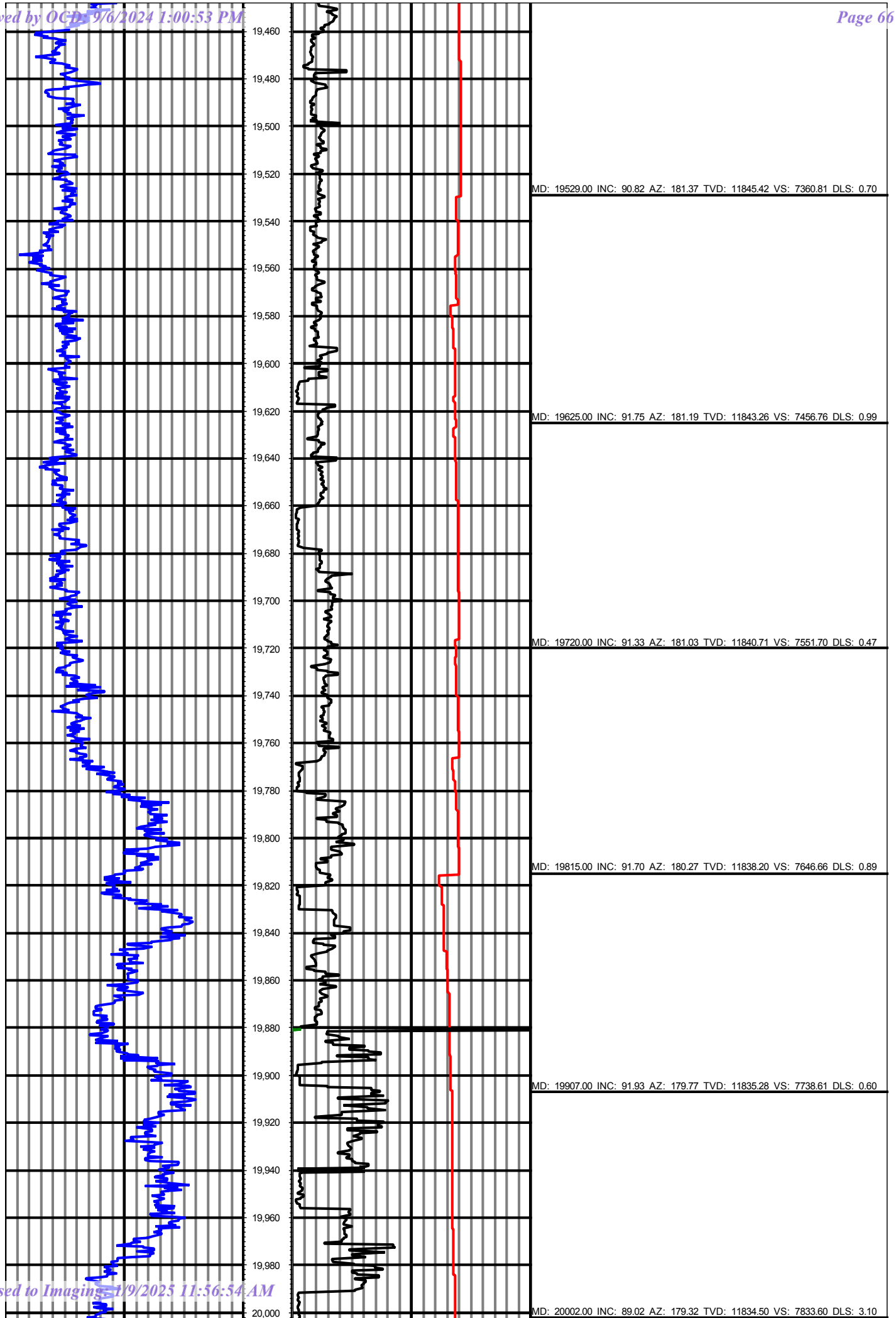
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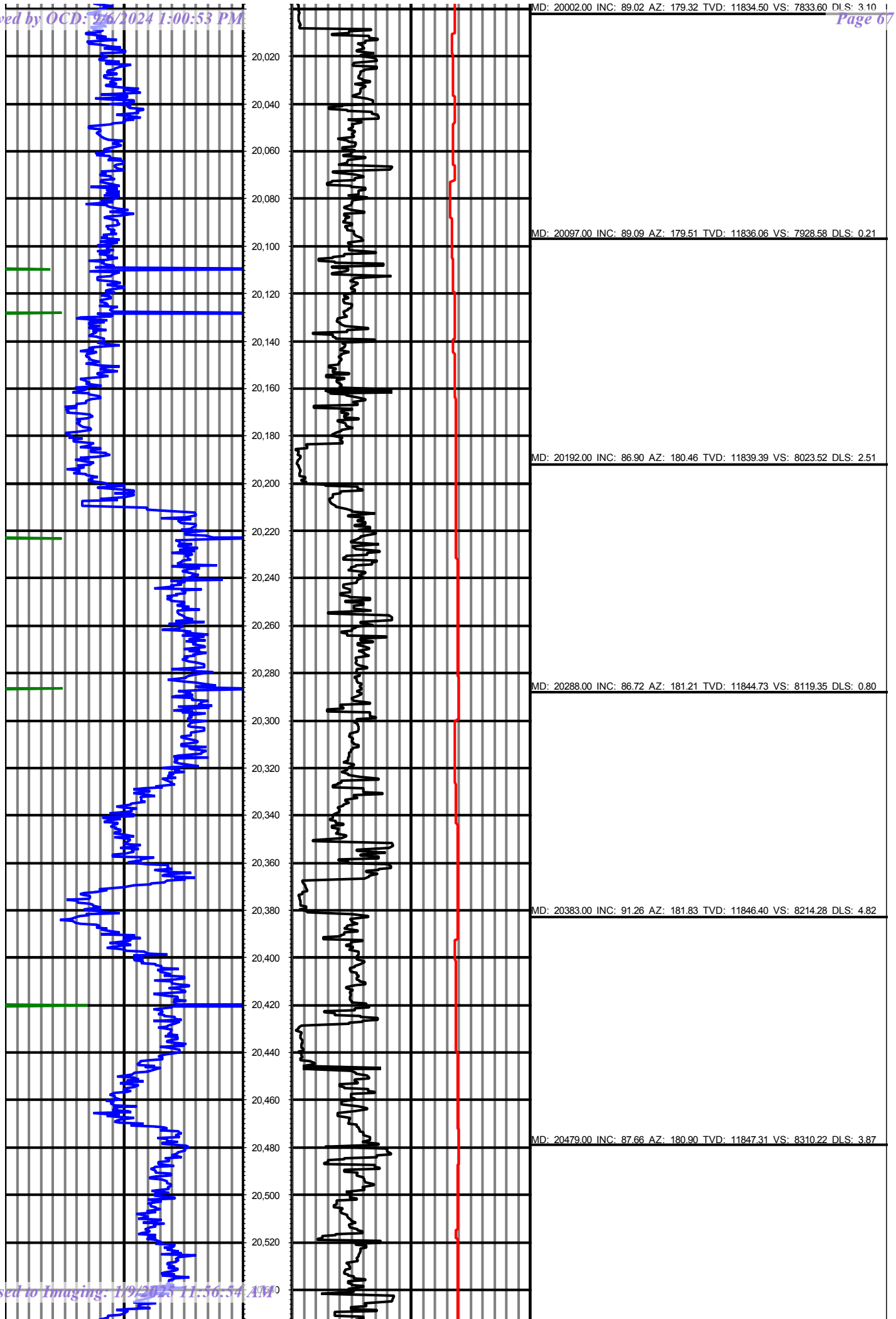
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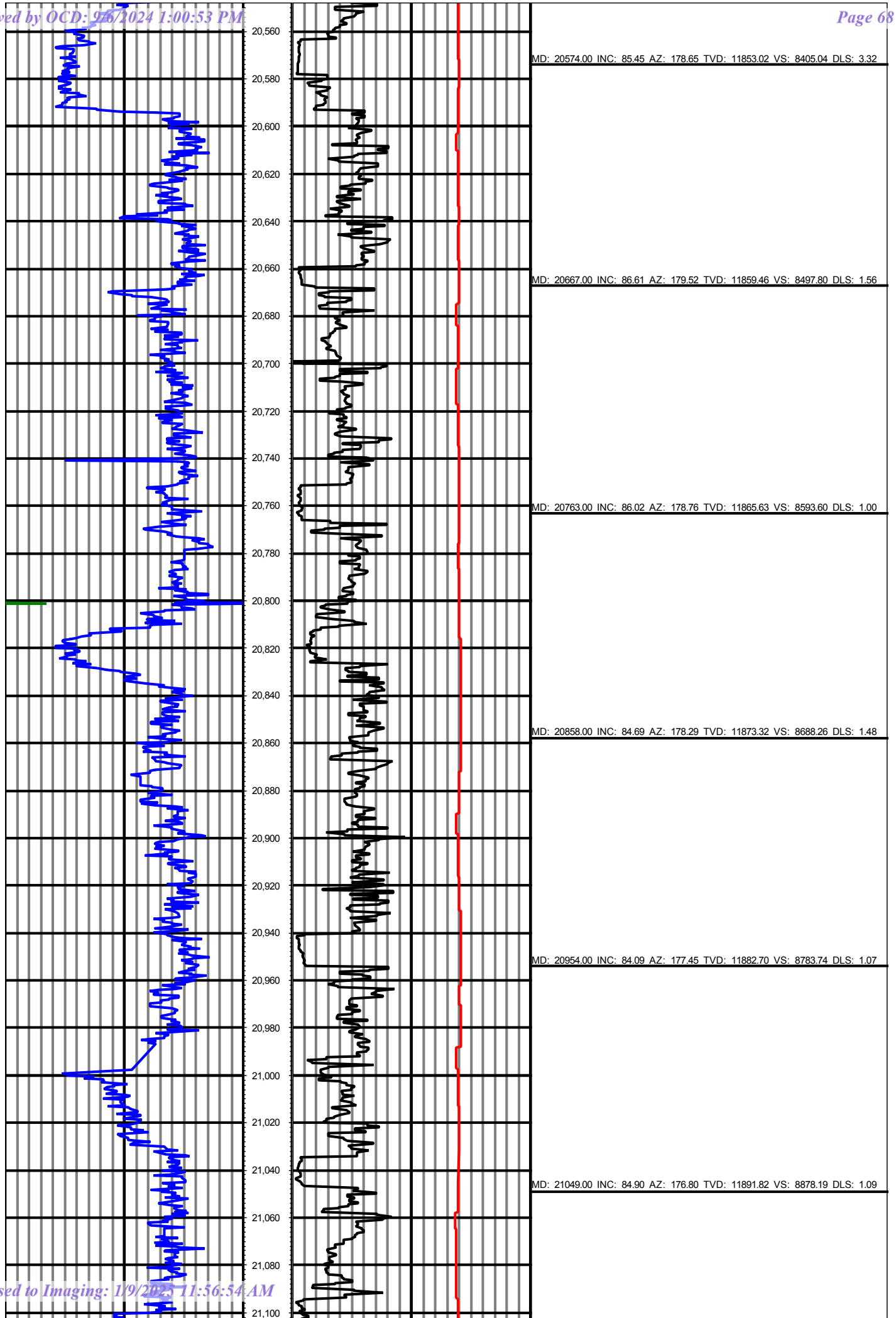
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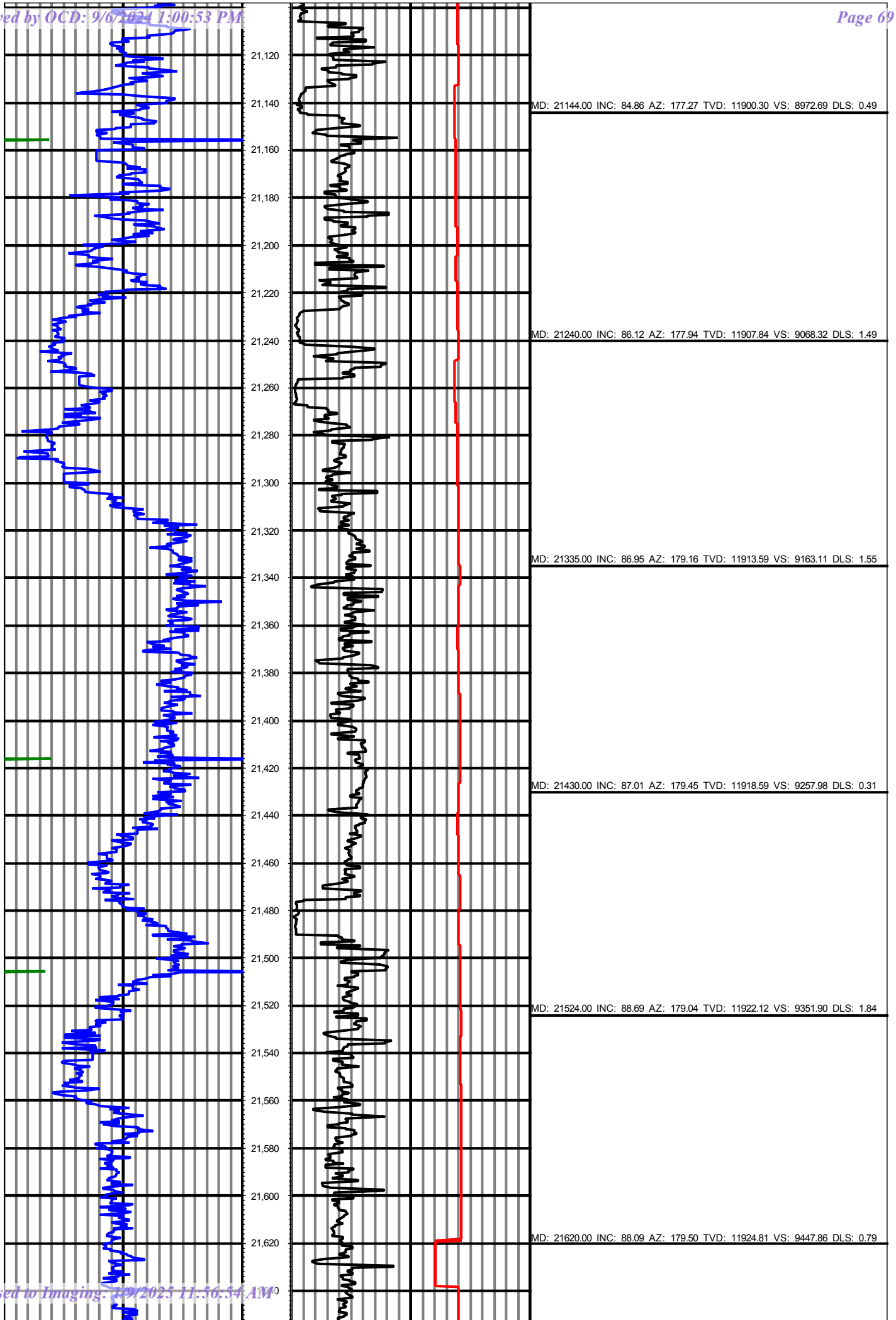
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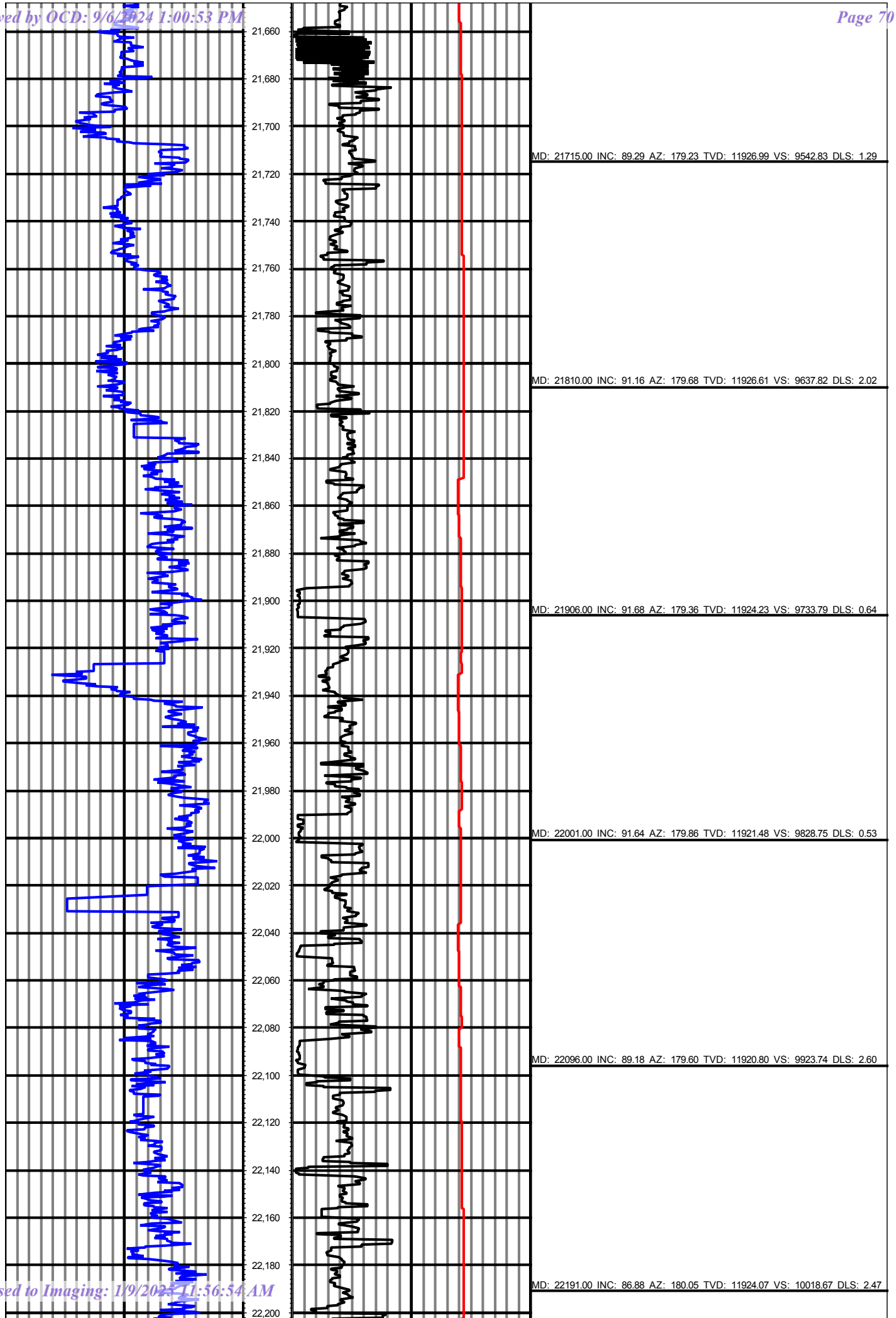
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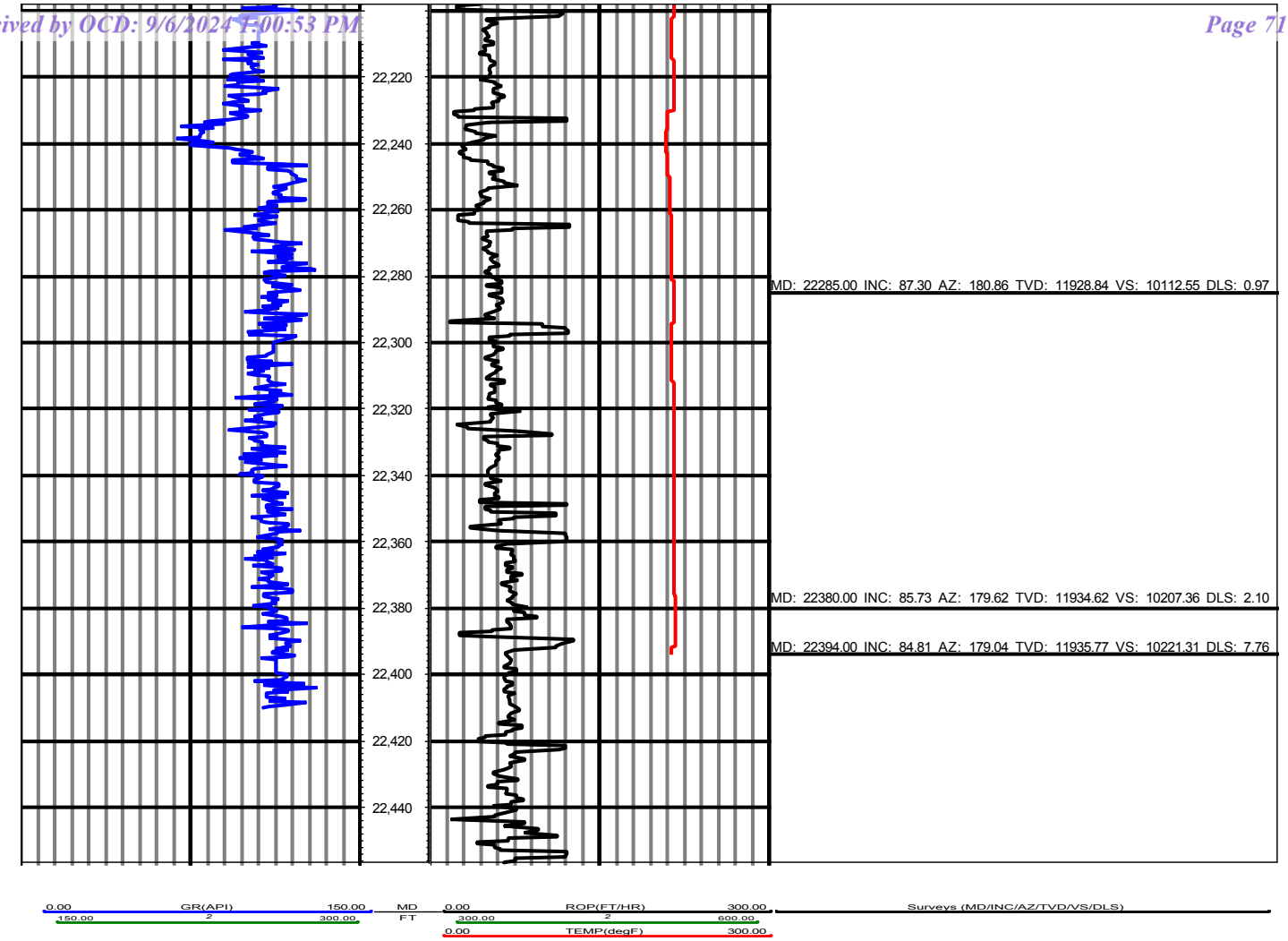
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MD: 22380.00 INC: 85.73 AZ: 179.62 TVD: 11934.62 VS: 10207.36 DLS: 2.10
MD: 22394.00 INC: 84.81 AZ: 179.04 TVD: 11935.77 VS: 10221.31 DLS: 7.76
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150.00 2 300.00
MD FT
0.00 ROP(FT/HR) 300.00
300.00 2 600.00
0.00 TEMP(degF) 300.00
Surveys (MD/INC/AZ/TVD/VS/DLS)

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

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

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

[1] Operator name and Address	[2] OGRID Number	372224
AMEREDEV OPERATING, LLC 2901 VIA FORTUNA, SUITE 600 AUSTIN, TX 78746	[3] Reason for Filing Code/ Effective Date	NW

[4] API Number	[5] Pool Name	[6] Pool Code
30-025-46494	WC-025 G-09 S263619C;WOLFCAMP	98234

[7] Property Code	[8] Property Name	[9] Well Number
326326	HOLLY FED COM 26-36-05	111H

II. [10] Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
D	5	26-S	36-E	-	230'	North	290'	West	LEA

[11] Bottom Hole Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
LEA	8	26-S	36-E	-	48'	SOUTH	397'	WEST	LEA

[12] Lse Code	[13] Producing Method Code	[14] Gas Connection Date	[15] C-129 Permit Number	[16] C-129 Effective Date	[17] C-129 Expiration Date
	F	6/2/2021	N/A	N/A	N/A

III. Oil and Gas Transporters

[18] Transporter OGRID	[19] Transporter Name and Address	[20] O/G/W
35103/371677	SUNOCO PARTNERS MARKETING & TERMINALS L.P. (35103) 1735 MARKET STREET, SUITE LL PHILADELPHIA, PA 19103 MIDCON GATHERING, LLC (371677) 4295 SAN FELIPE ST. HOUSTON, TX 79027	O
38785/267255	DCP OPERATING COMPANY, LP (38785) 370 17TH ST. STE. 2500 DENVER, CO 80202 ENERGY TRANSFER PARTNERS, LP (267255) 8111 WESTCHESTER DR. DALLAS, TX 75225	G
703107	LUCID ENERGY DELAWARE, LLC (703107) 3100 MCKINNON ST. STE. 800 DALLAS, TX 75201	G
372224	AMEREDEV OPERATING, LLC 2901 VIA FORTUNA, SUITE 600 AUSTIN, TX 78746	W

IV. Well Completion Data

[21] Spud Date	[22] Ready Date	[23] TD	[24] PBTD	[25] Perforations	[26] DHC, MC
12/23/2019	6/2/2021	22457'	22300'	12007' - 22295'	N/A

[27] Hole Size	[28] Casing and Tubing Size	[29] Depth Set	[30] Sacks Cement
17.5"	13.375" J55	1275'	1340
12.25"/ 9.875"	7.625" HCL80	10969'	1780 / 1010
6.75"	5.5" P110	22439'	430 / 1050
	2.375"	11206'	

V. Well Test Data

[31] Date New Oil	[32] Gas Delivery Date	[33] Test Date	[34] Test Length	[35] Tbg. Pressure	[36] Csg. Pressure
6/3/2021	6/3/2021	6/12/2021	24	947	682
[37] Choke Size	**[38] Oil**	**[39] Water**	**[40] Gas**		**[41] Test Method**
128	1298	2680	1518		Flowing

[42] I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed Name: Shane McNeely

Title: Engineer

E-mail Address: smcneely@ameredev.com

Date: 6/18/2021

Phone: 737-300-4700

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Two Copies
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-105
Revised April 3, 2017

1. WELL API NO. 30-025-46494
2. Type of Lease ☐ STATE ☐ FEE ☑ FED/INDIAN
3. State Oil & Gas Lease No. NMNM137470

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing:

☑ **COMPLETION REPORT** (Fill in boxes #1 through #31 for State and Fee wells only)

☐ **C-144 CLOSURE ATTACHMENT** (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)

5. Lease Name or Unit Agreement Name: HOLLY FED COM 26-36-05
6. Well Number: 111H

7. Type of Completion: ☑ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER

8. Name of Operator: AMEREDEV OPERATING, LLC
9. OGRID: 372224
10. Address of Operator: 2901 VIA FORTUNA, SUITE 600 AUSTIN, TX 78746
11. Pool name or Wildcat: WC-025 G-09 S263619C;WOLFCAMP

12.Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	D	5	26-S	36-E	-	230'	North	290'	West	LEA
BH:	M	8	26-S	36-E	-	48'	SOUTH	397'	WEST	LEA

13. Date Spudded	14. Date T.D. Reached	15. Date Rig Released	16. Date Completed (Ready to Produce)	17. Elevations (DF and RKB, RT, GR, etc.)
12/23/2019	3/24/2020	3/25/2020	6/2/2021	3007' GL / 3034' RKB

18. Total Measured Depth of Well	19. Plug Back Measured Depth	20. Was Directional Survey Made?	21. Type Electric and Other Logs Run
22457'	22300'	YES	GR

22. Producing Interval(s), of this completion - Top, Bottom, Name: 12007' - 22295' WOLFCAMP

23. **CASING RECORD** (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13.375" J55	68#	1275'	17.5"	1340	
7.625" HCL80	29.7#	10969'	12.25"/ 9.875"	1780 / 1010	
5.5" P110	23#	22439'	6.75"	430 / 1050	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2.375"	11206'	11215'

26. Perforation record (interval, size, and number): 12007' - 22295', 0.49, 5106

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
12007'-22120'	31,130,648 LBS PROPPANT / 683,790BBLS FLUIDS

23. **PRODUCTION**

Date First Production	Production Method *(Flowing, gas lift, pumping - Size and type pump)*	Well Status *(Prod. or Shut-in)*
6/3/2021	FLOWING	PRODUCING

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
6/12/2021	24	128		1298	1518	2680	1170

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - *(Corr.)*
947	682		1298	1518	2680	42.9

29. Disposition of Gas *(Sold, used for fuel, vented, etc.)*: Sold
30. Test Witnessed By

31. List Attachments

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.

33. If an on-site burial was used at the well, report the exact location of the on-site burial:
Latitude Longitude NAD 1927 1983

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature [signature] Printed Name Shane McNeely Title Engineer Date 6/18/2021

E-mail Address smcneely@ameredev.com

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy 1032	T. Canyon	T. Ojo Alamo	T. Penn "A"
T. Salt 1475	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andreas	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebury	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs 8222	T. Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp 11745	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from ..... to ..... No. 3, from ..... to .....

No. 2, from ..... to ..... No. 4, from ..... to .....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from ..... to ..... feet .....

No. 2, from ..... to ..... feet .....

No. 3, from ..... to ..... feet .....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology
0	1032	1032	Sand/Silts/Clay				
1032	1475	443	Anhydrite/Dolomite				
1475	3779	2304	Anhydrite/Salt				
3779	8222	4443	Limestone/Dolomite/Sandstone				
8222	9614	1392	Sands/Silts/Limestone				
9614	11374	1760	Limestone w/ minor Sands & Silts				
11374	TD		Silty Limestone				

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

ACKNOWLEDGMENTS

Operator: AMEREDEV OPERATING, LLC 2901 Via Fortuna Austin, TX 78746	OGRID: 372224
	Action Number: 381342
	Action Type: [C-105] Well (Re)Completion (C-105)

ACKNOWLEDGMENTS

☑	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☑	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.
☑	I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Operator:	OGRID:
AMEREDEV OPERATING, LLC 2901 Via Fortuna Austin, TX 78746	372224
	Action Number: 381342
	Action Type: [C-105] Well (Re)Completion (C-105)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	Log (s) if applicable need to be submitted as a [UF-WL] EP Well Log Submission separately and not with the C-104 Completion Packet.	1/9/2025
plmartinez	Going forward submit the approved BLM 3160-4 Completion Report as a standalone (C-105). No need for the additional -C-102/Wellbore Schematic/3160-5 Completion Report/Well Log as forms are within the approved C-104 Completion Packet and the Well Log should be submitted separately.	1/9/2025