

Well Name: BURCH KEELY UNIT	Well Location: T17S / R29E / SEC 24 / NWSW / 32.8199771 / -104.032672	County or Parish/State: EDDY / NM
Well Number: 85	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC028784A	Unit or CA Name: BURCH KEELY UNIT	Unit or CA Number: NMNM88525X
US Well Number: 3001521663	Operator: SPUR ENERGY PARTNERS LLC	

Subsequent Report

Sundry ID: 2814053

Type of Submission: Subsequent Report	Type of Action: Plug and Abandonment
Date Sundry Submitted: 09/26/2024	Time Sundry Submitted: 02:02
Date Operation Actually Began: 08/20/2024	

Actual Procedure: Please find PJR plugged WBD and CBL attached for your review.

SR Attachments

Actual Procedure

- spur_burchkeelyunit85_20240926140238.pdf
- BKU_85___AS_PLUGGED_WBD_20240926140238.pdf
- BKU_85___P_A_SUMMARY_20240926140238.pdf

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Operator

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

Operator Electronic Signature: SARAH CHAPMAN	Signed on: SEP 26, 2024 02:02 PM
Name: SPUR ENERGY PARTNERS LLC	
Title: Regulatory Director	
Street Address: 9655 KATY FREEWAY SUITE 500	
City: HOUSTON	State: TX
Phone: (281) 642-5503	
Email address: SCHAPMAN@SPURENERGY.COM	

Field

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

BLM Point of Contact

BLM POC Name: JAMES A AMOS	BLM POC Title: Acting Assistant Field Manager
BLM POC Phone: 5752345927	BLM POC Email Address: jamos@blm.gov
Disposition: Accepted	Disposition Date: 10/07/2024
Signature: James A Amos	

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 <i>Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.</i>		5. Lease Serial No.
		6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2		7. If Unit of CA/Agreement, Name and/or No.
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No.
2. Name of Operator		9. API Well No.
3a. Address	3b. Phone No. (include area code)	10. Field and Pool or Exploratory Area
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)		11. Country or Parish, State

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA				
TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 recompleate 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.)

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)		
	Title	
Signature	Date	

THE 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 the 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 office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the 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 any 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 resistivity 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 National Resource 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

Additional Information

Location of Well

0. SHL: NWSW / 2615 FSL / 1295 FWL / TWSP: 17S / RANGE: 29E / SECTION: 24 / LAT: 32.8199771 / LONG: -104.032672 (TVD: 0 feet, MD: 0 feet)

BHL: NWSW / 2615 FSL / 1295 FWL / TWSP: 17S / SECTION: / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)



Radial Bond Log Gamma Ray /CCL

Company Spur Energy

Well Burch Keely Unit No. 85

Field

County Eddy State New Mexico

Location:

2615' FSL & 1295' FWL

API # : 30-0152-1663

SEC 24 TWP 17S RGE 29E

Permanent Datum	Ground Level	Elevation
Log Measured From	Kelly Bushing	
Drilling Measured From	Kelly Bushing	

Other Services	Elevation
Set 4.5" Plug	
Perf. Squeeze	
Hydrate	
K.B.	
D.F.	
G.L.	

Date August 21, 2024

Run Number

One

Depth Driller

N/A

Depth Logger

N/A

Bottom Logged Interval

2290'

Top Log Interval

Surface

Open Hole Size

7.625"

Type Fluid

Water

Density / Viscosity

N/A

Max. Recorded Temp.

N/A

Estimated Cement Top

1926'

Time Well Ready

09:00

Time Logger on Bottom

10:00

Equipment Number

03

Location

Hobbs

Recorded By

Bert Pacheco

Witnessed By

Alex Silva

Borehole Record

From

To

Size

Weight

From

To

Casing Record

Size

Wd/Ft

Top

Bottom

Sludge String

Production String

4.5"

Surface

Comments

Zero Correction On The Log .

>>> Fold Here >>>

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

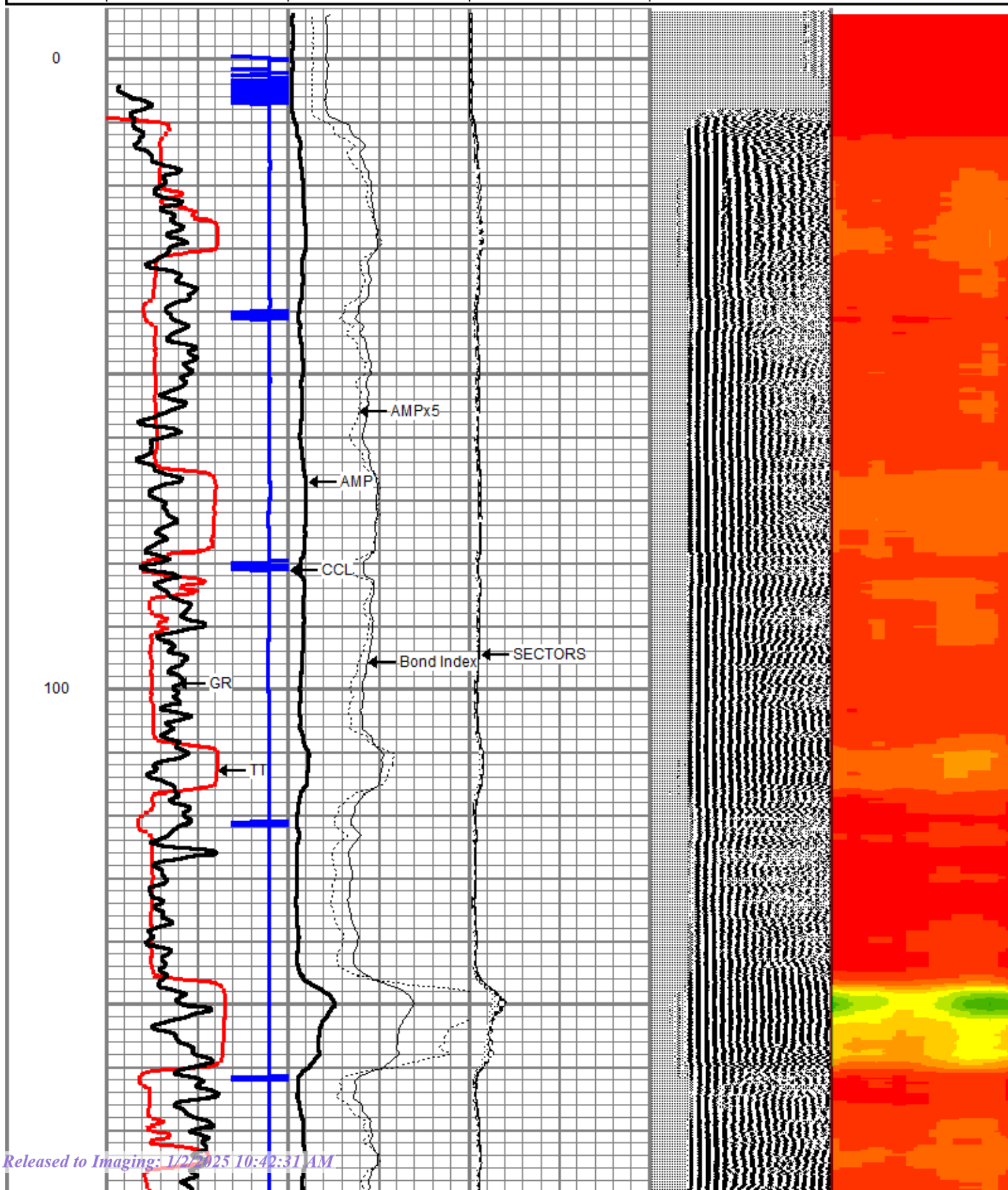
Main Pass

4.5" Casing

Zero PSI

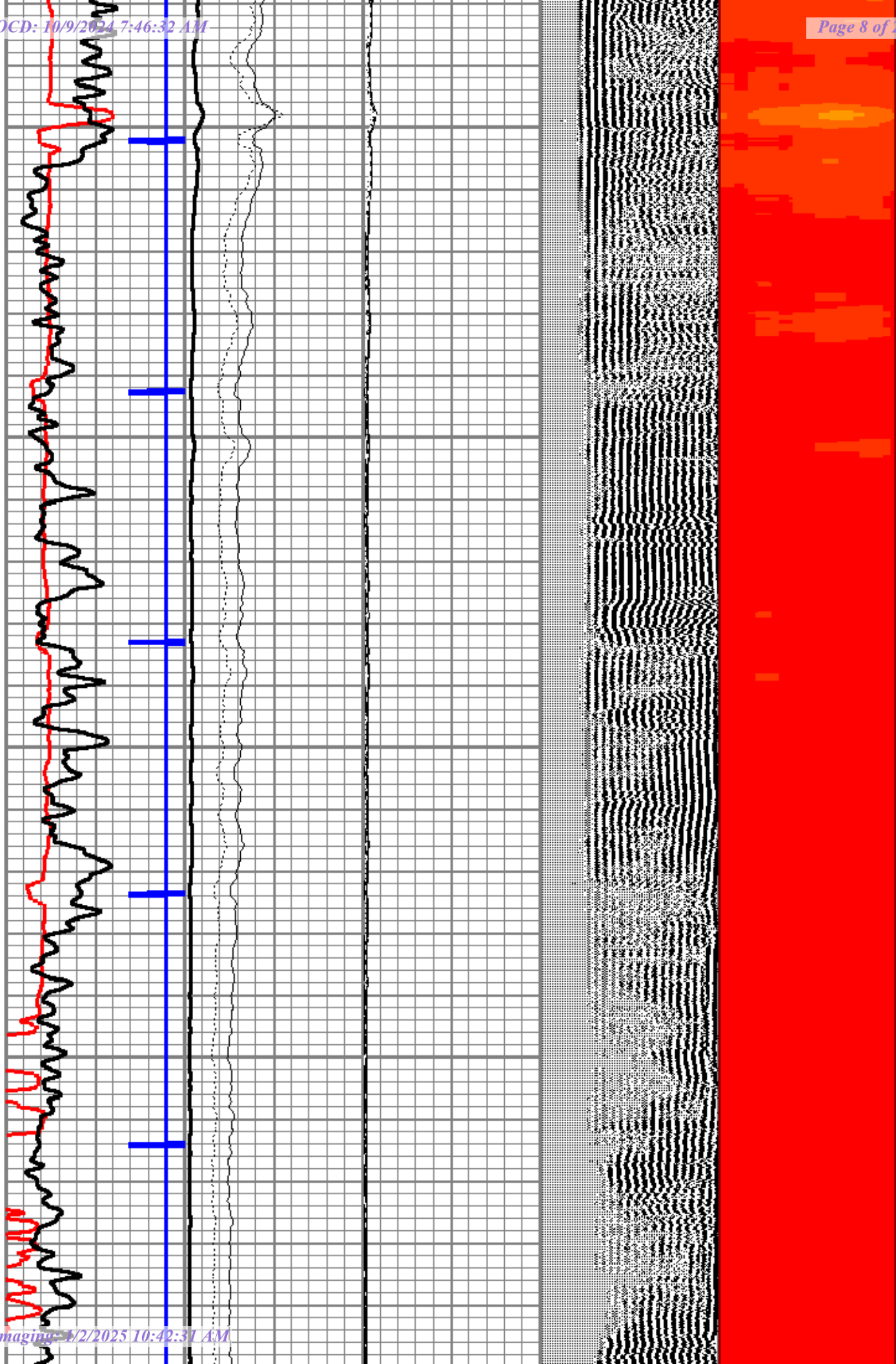


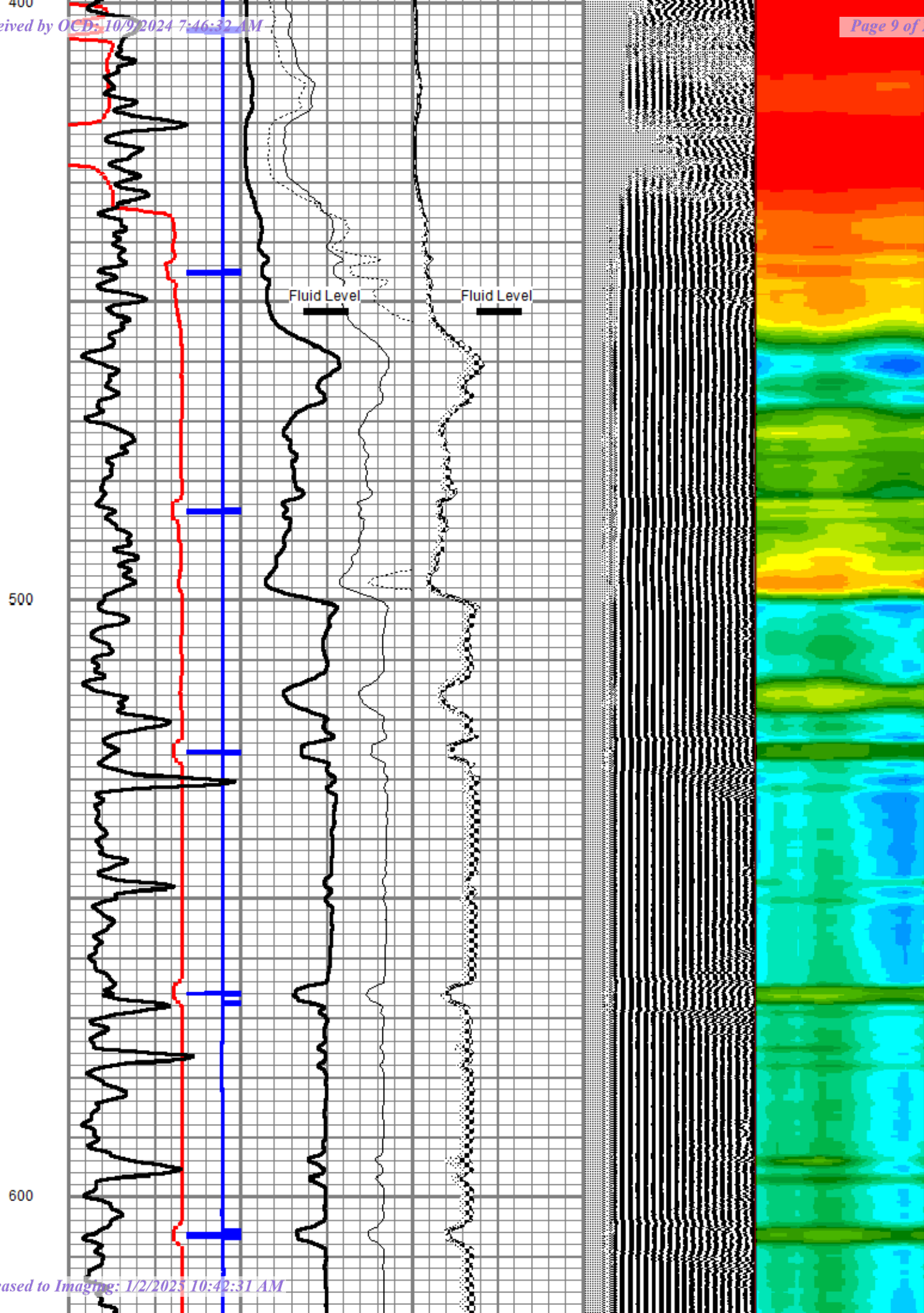
328	TT (usec)	228	0	AMP (mV)	100	-2	AMPAVG	200	200	VDL (usec)	1200	1	Cement Map	8
-9	CCL	1	0	AMPx5 (mV)	20	-2	AMPMAX	200						
0	GR (GAPI)	120	1	Bond Index	0	-2	AMPMIN	200						



200

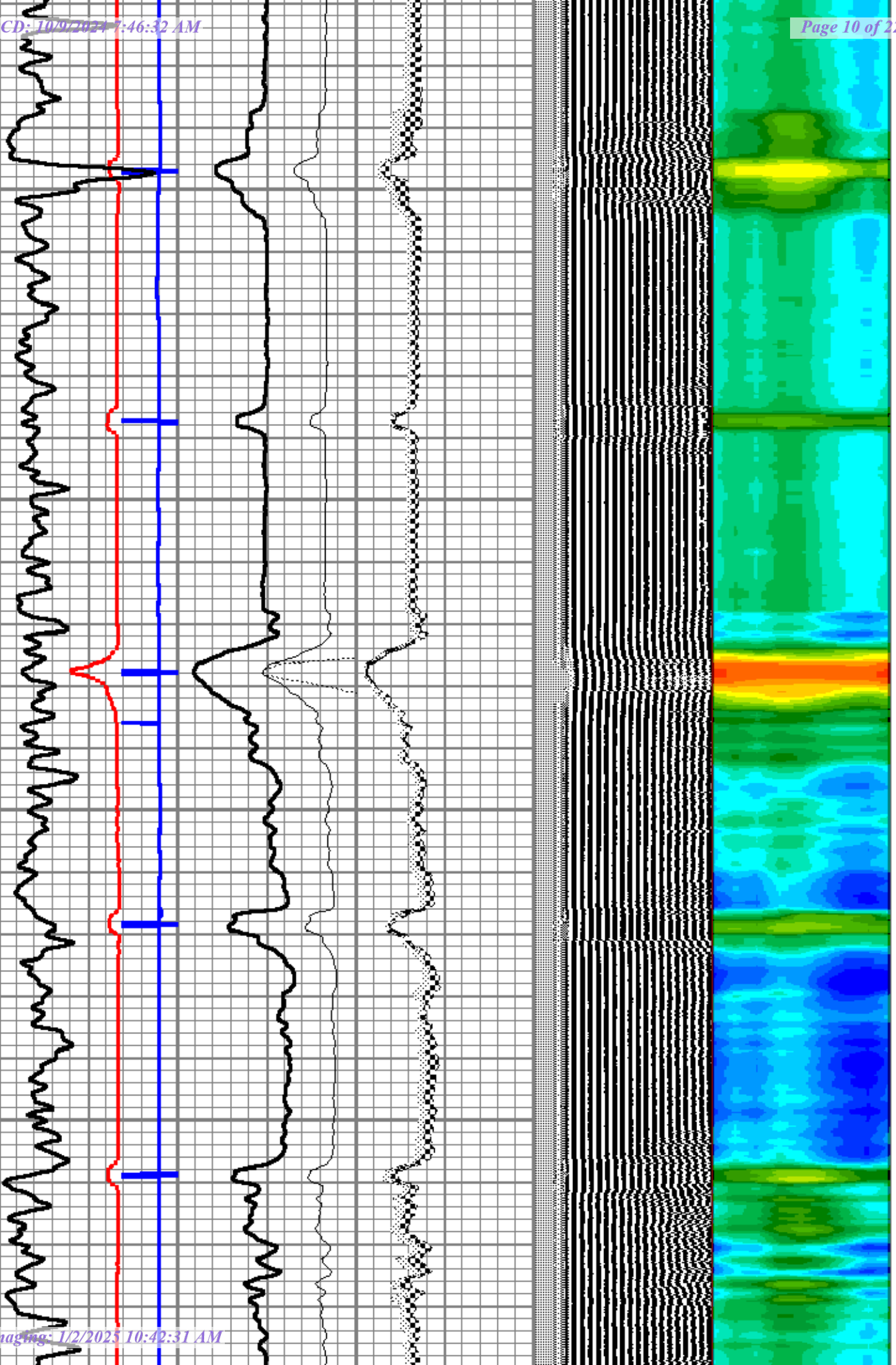
300





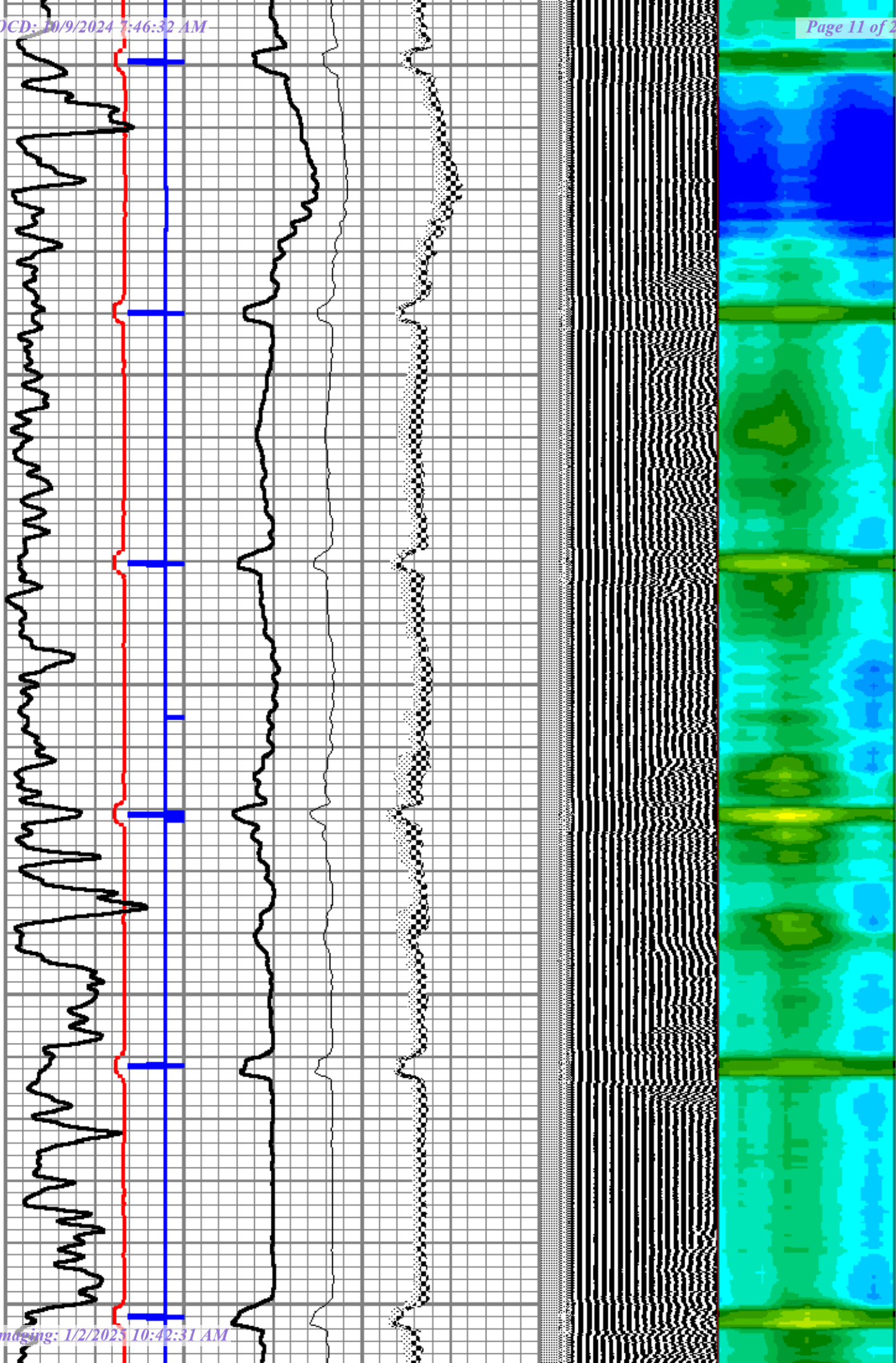
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800



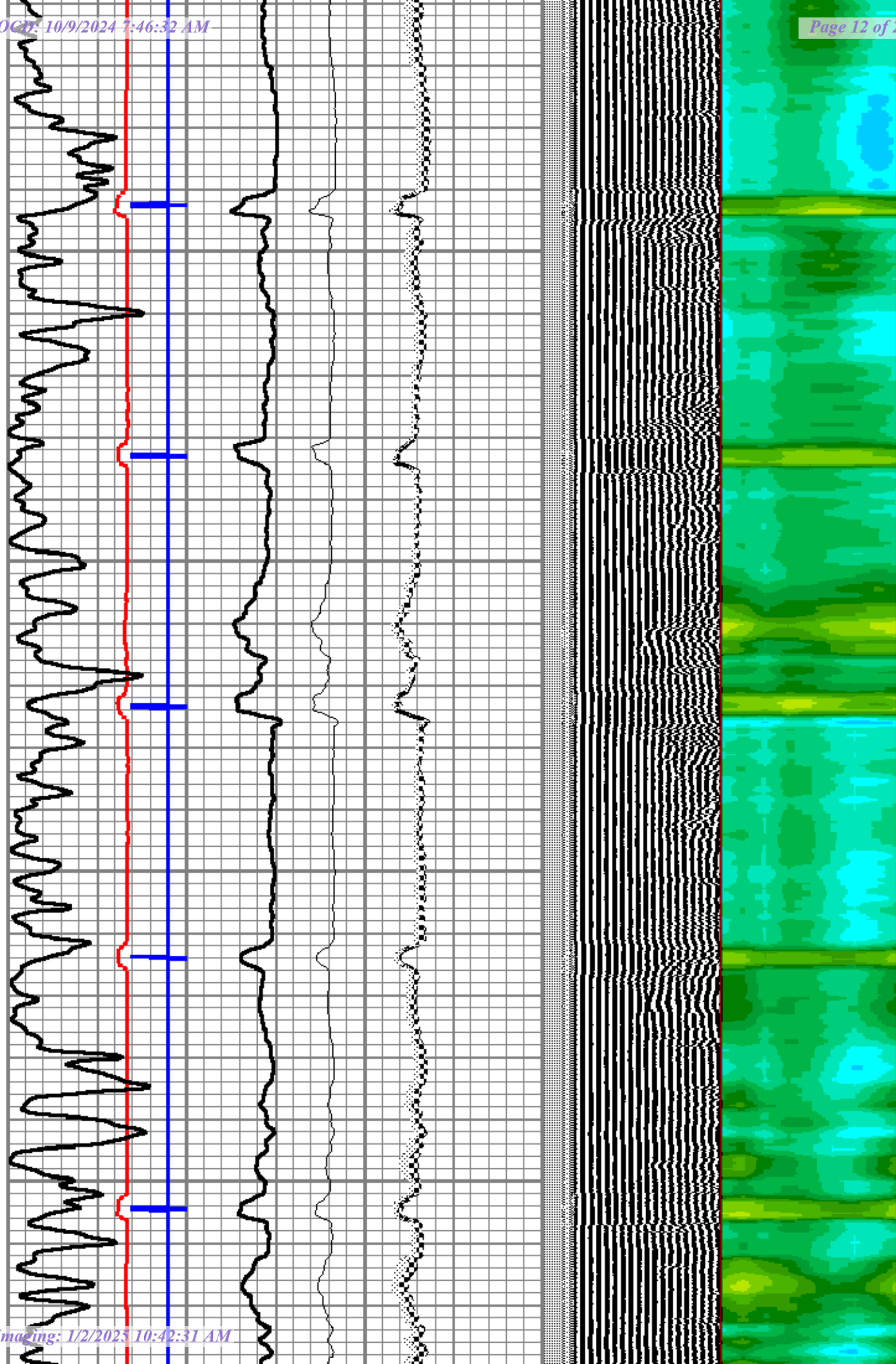
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1000



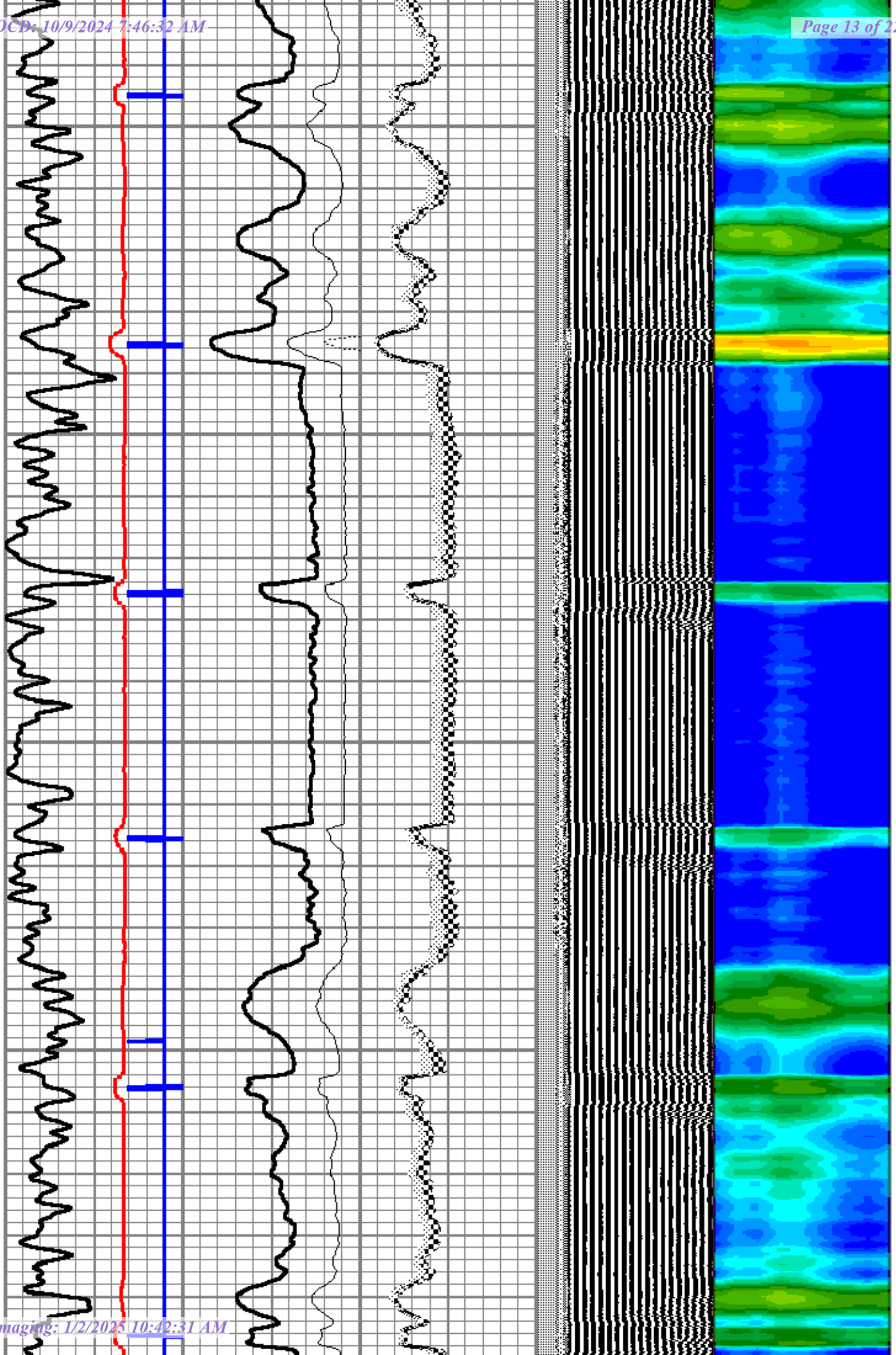
1100

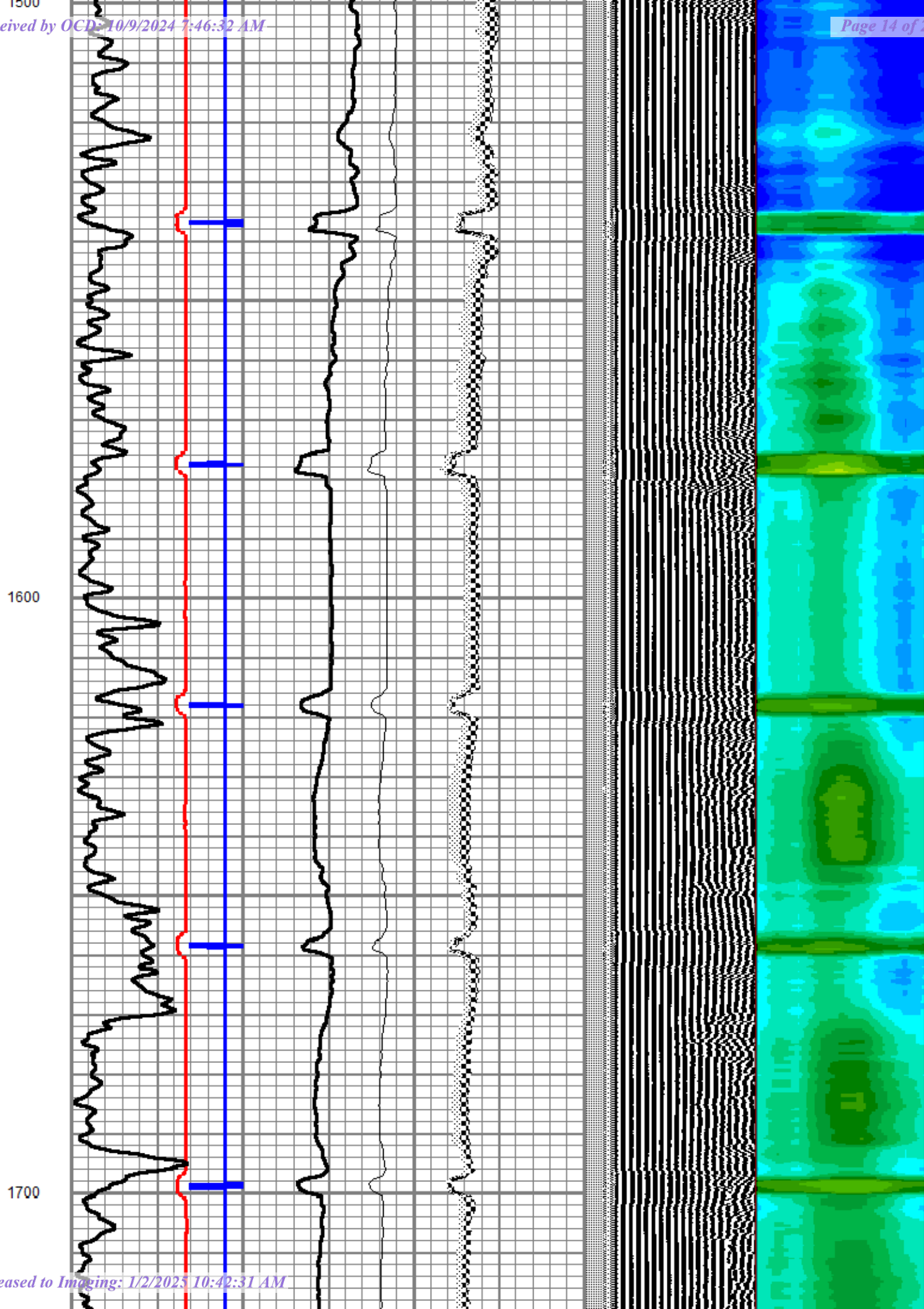
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1300

1400



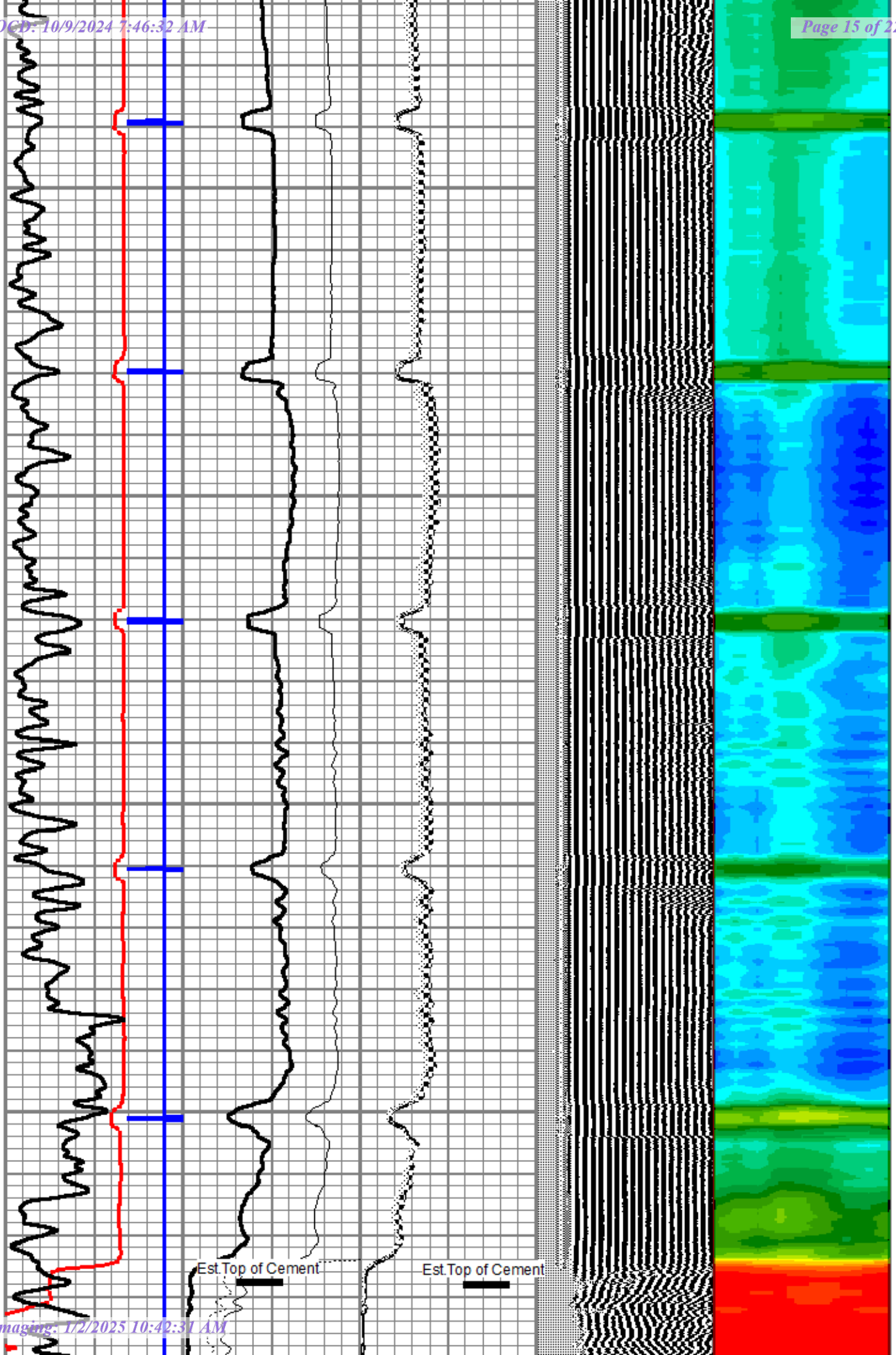


1800

1900

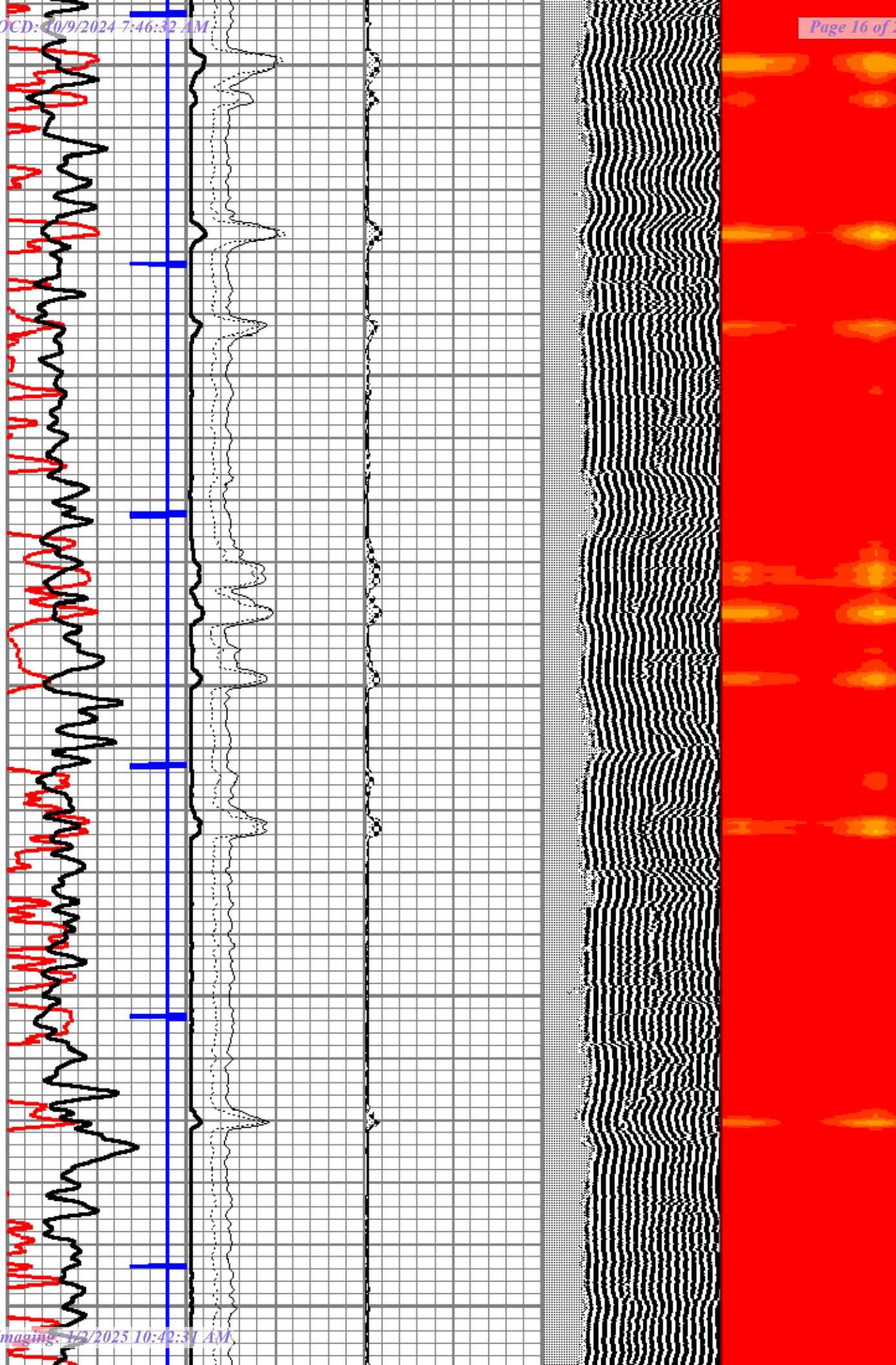
Est Top of Cement

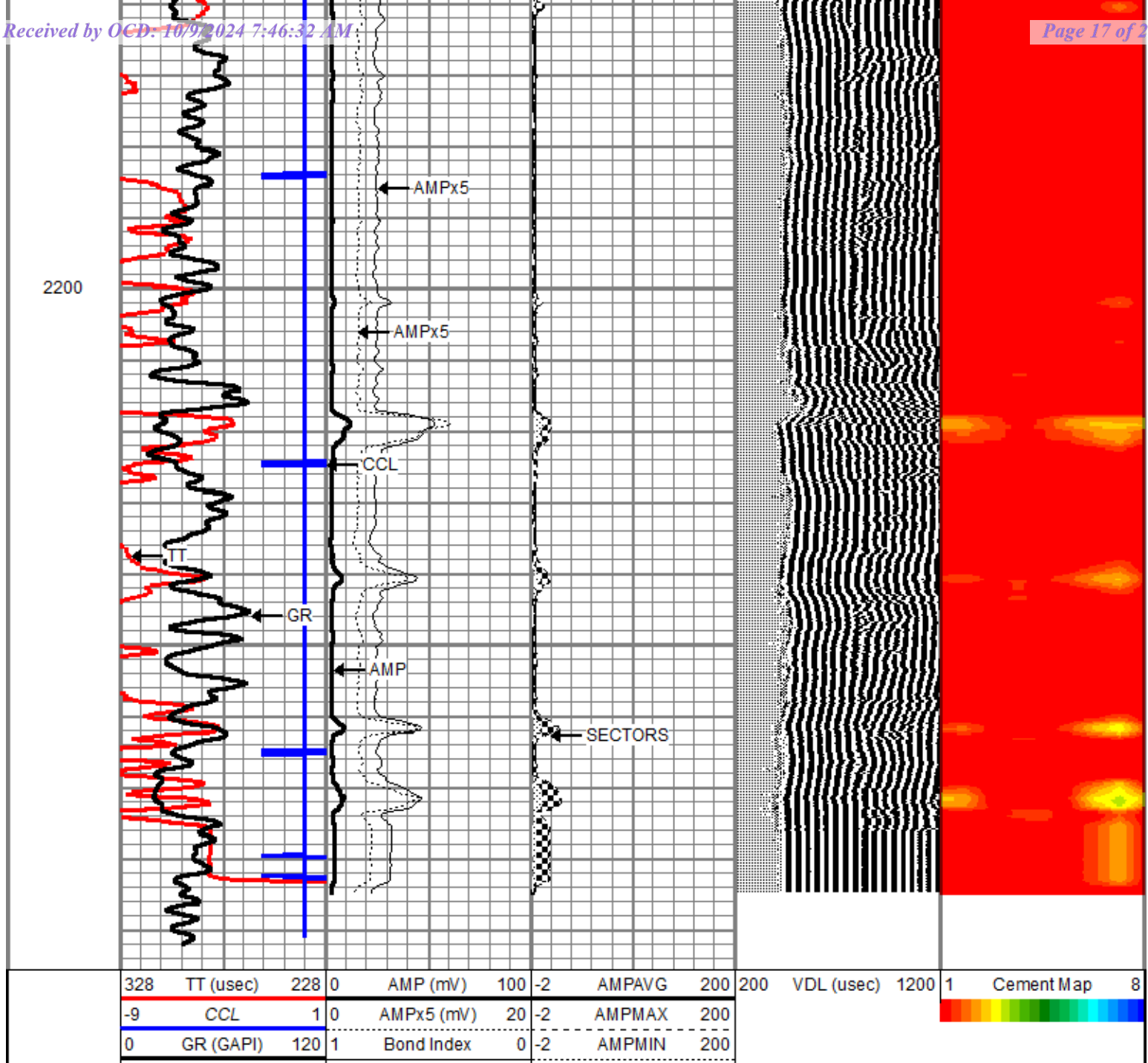
Est Top of Cement



2000

2100





Log Variables

Database: C:\ProgramData\Warrior\Data\spur_burchkeelyunit85.db
 Dataset: field/well/run1/pass14/_vars_

Top - Bottom

BHTEMP_Src	BOREID	BOTTEMP	CASEOD	CASETHCK	CASEWGHT	MAXAMPL	MINAMPL	MINATTN
TEMP	in 7.875	degF 100	in 4.5	in 0	lb/ft 11.5	mV 82	mV 1	db/ft 0.8
PERFS	PPT	SRFTEMP	TDEPTH					
No	usec 0	degF 0	ft 0					

Variable Description

BHTEMP_Src : BHTEMP Input Source Selector
 BOREID : Borehole I.D.
 BOTTEMP : Bottom Hole Temperature
 CASEOD : Casing Outer Diameter
 CASETHCK : Casing Thickness

MINAMPL : Minimum Amplitude
 MINATTN : Minimum Attenuation
 PERFS : Perforation Flag
 PPT : Predicted Pipe Time
 SRFTEMP : Surface Temperature

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			CENT-SDSCENT Centralizer	3.00	3.25	20.00
WVFS8	11.92		RBT-Probe (Base)	8.92	2.75	90.00
WVFS7	11.92					
WVFS6	11.92					
WVFS5	11.92					
WVFS4	11.92					
WVFS3	11.92					
WVFS2	11.92					
WVFS1	11.92					
WVFCAL	11.92					
WVF3FT	11.92					
WVF5FT	10.83					
TEMP	7.58					
HEADVOLT	7.58					
			CENT-SDSCENT Centralizer	3.00	3.25	20.00
CCL	3.64					
			GR-Probe (275) Probe 2.75" 4 Channel Pulse	4.58	2.75	30.00
GR	0.90					

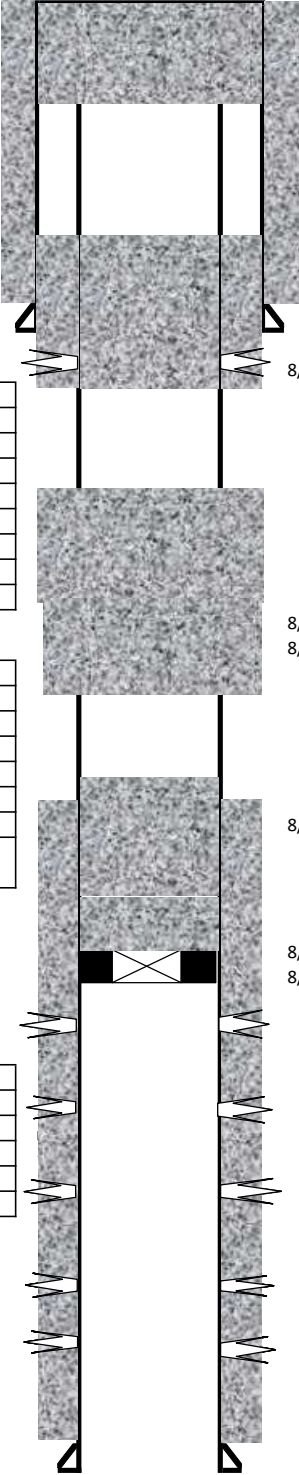
Dataset:	spur_burchkeelyunit05.abi field/well/run 1/pass 14
Total length:	19.50 ft
Total weight:	160.00 lb
O.D.:	3.25 in

	Company	Spur Energy
	Well	Burch Keely Unit No. 85
	Field	
	County	Eddy
	State	New Mexico

API #	30-015-21663	Burch Keely Unit #085	County, ST	Eddy County, NM
Operator	Spur Energy Partners		Sec-Twn-Rng	24-17S-29E
Field	GRAYBURG JACKSON; SR-Q-G-SA		Footage	2615 FSL 1295 FWL
Spud Date	11/2/1975		Survey	32.8199959, -104.0326309

Formation (MD)	
T/Salt	405'
B/Salt	816'
Queen	1876'
San Andres	2563'

RKB	
GL	3595'
Hole Size	12-1/4"
TOC	Surface
Method	Circulated
Csg Depth	403'
Size	8-5/8"
Weight	24
Grade	
Connections	
Cement	100 sx



8/31/24: perf at 100'. Pump 40 sxs cement from 100' - 30' and top off to bring cement to surface.

8/31/24: perf at 453'. Pump 38 sxs cement from 453' - 245'

8/26/24: pump 56 sxs cement from 1045' - 820'
8/23/24: perf at 1045'

8/22/24: spot 25 sxs cement from 1940' - 1560'

Perforations
2340'-3534'

8/21/24: Spot 25 sxs cement from 2290' - 1940'.
8/21/24: CIBP SET AT 2290'.

Tubing Detail				
Jts	Size	Depth	Length	Detail

Rod Detail					
Rods	Size	Depth	Length	Guides	Detail

Hole Size	7-7/8"
TOC	2042'
Method	Calculated

Csg Depth	3550'
Size	4-1/2"
Weight	10.5
Grade	
Connections	
Cement	400 SX

Last Update	9/26/2024
By	WSC

PBTD	3544'
TD MD	3550'
TD TVD	3550'

DATE	OPS SUMMARY
8/20/2024	PREP EQUIPMENT FOR TRAVEL AND TRAVEL. PREP RD AND LOCATION. SPOT IN SERVICE RIG AND CEMENTING EQUIPMENT. CHECK WELL PRESSURE. BLEED WELL DOWN. RU SERVICE UNIT. CHANGE TOOLS FOR RODS. TOO H W/ RODS (128 RODS). CHANGE TOOLS TO 2 3/8" TBG. NDWH NU BOP. POOH TBG. TOOG W/ 20 JTS TBG. SECURE WELL SDFN.
8/21/2024	HSM. JSA. DXP H2S. CHECK WH PRESSURE. OPEN WELL TO PIT. WELL DEAD. FINISH TOO H. RU JSI WIRELINE. RIH GRJB TO 2315'. RIH CIBP TO 2290. RU PUMP. LOAD WELL. RIH CBL FROM 2290 TO SURFACE. RD WL. TIH W/ WORKSTRING. RU PUMP AND ESTABLISH CIRCULATION. M&P PLUG #1 - 25 SXS 2290'-1990'. LD 8 JTS. STAND BACK 10 STANDS. SECURE WELL. SDFN.
8/22/2024	PJSM. TIH TAG AT 1940'. TOO H. RU WL. RIH WL AND PERF AT 1926'. POOH AND RD WL. RU PUMP TO TRY TO ESTABLISH INJECTION. NO INJECTION. RU WL. RIH AND PERF AT 1875'. POOH AND RD WL. RU PUMP TO ESTABLISH INJECTION. NO INJECTION. PERF AT 1826'. SECURE WELL SDFN. SHUT DOWN PER BLM REQUEST.
8/23/2024	PJSM. CHECK WH PRESSURE. OPEN WELL TO PIT. WELL HEAD. NO INJECTION. TOO H W/ PACKER. TIH TO 1940. RU PUMP TO TBG. ESTABLISH CIRCULATION. M&P 25 SXS TYPE III CEMENT FROM 1940 TO 1549. TOOK LD 10 JTS. STAND BACK 10 STANDS. WOC 4 HRS. TIH TAG AT 1560'. TOO H. RU AND RIH WL AND PERF AT 1045'. POOH AND RD WL. TIH W/ 4.5" PACKER. RU PUMP TO TBG. PUMP 80 BBLs. DID NOT GET CIRCULATION AND RAN OUT OF WATER. SECURE WELL SDFN.
8/26/2024	PJSM. CHECKED WH PRESSURE. OPEN WELL TO PIT. WELL DEAD. RU PUMP. M&P 48 SXS CEMENT. WOC 5 HRS. TIH TAG AT 940'. RU PUMP. M&P 8 SXS CEMENT. TOO H. WOC. SECURE WELL SDFN.
8/30/2024	PJSM. CHECKED WH PRESSURE. OPEN WELL TO PIT. WELL DEAD. TIH AND TAG AT 820'. TOO H. RU WL RIH AND PERF AT 453'. TIH WITH 4.5" PACKER. RU PUMP NO CIRCULATION FROM BH GOT RETURNS WHEN STOP PUMPING. PUMP BROKE DOWN. SECURE WELL SDFN.
8/31/2024	PJSM. CHECK WH PRESSURE. OPEN WELL TO PIT. WELL HEAD. RU PUMP. M&P 38 SXS AT 453'. WOC. TAG AT 245'. RU WL AND PERF AT 100'. POOH AND RD WL. TIH WITH PACKER. RU PUMP TO TRY TO CIRCULATE TO SURFACE. NO CIRCULATION. PUMP 40 SXS CEMENT. WOC. TAG AT 30'. M&P TO TOP OFF. RD PUMP. RD RIG.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

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

CONDITIONS

Action 391060

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 391060
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	None	1/2/2025