

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Company: Jason Oil Company, LLC

Lease: Maier #6

SEC: 10 TWN: 15S RNG: 14W
County: RUSSELL
State: Kansas
Drilling Contractor: Discovery Drilling Company, Inc. - Rig 2
Elevation: 1760 EGL
Field Name: Trapp
Pool: Infield
Job Number: 489
API #: 15-167-24107

Operation:
Uploading recovery & pressures

DATE
August
09
2021

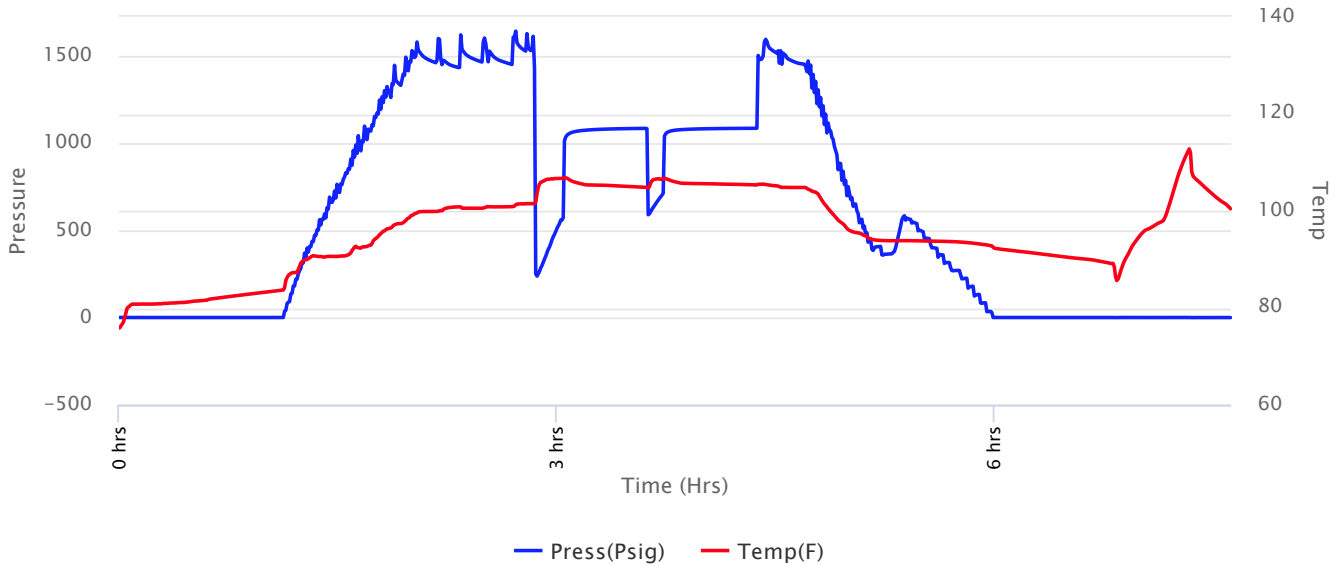
DST #1 Formation: Arbuckle Test Interval: 3160 - 3218' Total Depth: 3218'

Time On: 09:21 08/09 Time Off: 16:46 08/09
Time On Bottom: 12:08 08/09 Time Off Bottom: 13:23 08/09

Electronic Volume Estimate:
1796'

<u>1st Open</u>	1st Close	<u>2nd Open</u>	2nd Close
Minutes: 10	Minutes: 30	Minutes: 5	Minutes: 30
Current Reading: 171.8" at 10 min	Current Reading: 0" at 30 min	Current Reading: 75.5" at 5 min	Current Reading: 0" at 30 min
Max Reading: 171.8"	Max Reading: 2.5"	Max Reading: 75.5"	Max Reading: 0"

Inside Recorder





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DST #1 **Formation: Arbuckle** **Test Interval: 3160 - 3218'** **Total Depth: 3218'**

Time On: 09:21 08/09 Time Off: 16:46 08/09
 Time On Bottom: 12:08 08/09 Time Off Bottom: 13:23 08/09

Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
204	2.90292	SLOGCHWCM	20	15	30	35
693	9.86139	SLGCSLMCSLOCW	30	12	40	18
504	6.5917208	SLGCSLMCSLOCW	2	10	83	5

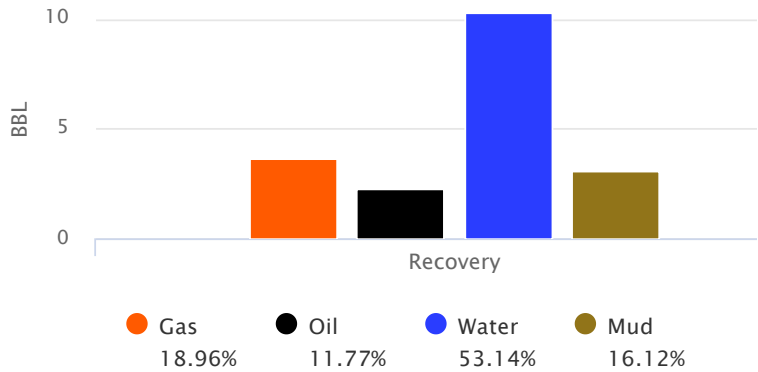
Total Recovered: 1401 ft

Total Barrels Recovered: 19.3560308

Reversed Out
 NO

Initial Hydrostatic Pressure	1530	PSI
Initial Flow	238 to 573	PSI
Initial Closed in Pressure	1085	PSI
Final Flow Pressure	590 to 714	PSI
Final Closed in Pressure	1087	PSI
Final Hydrostatic Pressure	1527	PSI
Temperature	107	°F
Pressure Change Initial Close / Final Close	0.0	%

Recovery at a glance



GIP cubic foot volume: 20.60991



**Company: Jason Oil Company,
LLC**

Lease: Maier #6

SEC: 10 TWN: 15S RNG: 14W
County: RUSSELL
State: Kansas
Drilling Contractor: Discovery Drilling
Company, Inc. - Rig 2
Elevation: 1760 EGL
Field Name: Trapp
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Operation:
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pressures

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3218'
Time On: 09:21 08/09 Time Off: 16:46 08/09
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BUCKET MEASUREMENT:

1st Open: 1" Blow. BOB in 35 seconds
1st Close: 2 1/2 inch Blow Back
2nd Open: 1" Blow. BOB in 35 seconds
2nd Close: NOBB

REMARKS:

RW Meter wouldn't work.

Tool Sample: 0% Gas 25% Oil 65% Water 10% Mud

Ph: 7

Chlorides: 30,000 ppm



Company: Jason Oil Company, LLC

Lease: Maier #6

SEC: 10 TWN: 15S RNG: 14W
County: RUSSELL
State: Kansas
Drilling Contractor: Discovery Drilling Company, Inc. - Rig 2
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Down Hole Makeup

Heads Up: 28.43 FT	Packer 1: 3155.12 FT
Drill Pipe: 3101.07 FT <i>ID-3 1/2</i>	Packer 2: 3160.12 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 3147.12 FT
Collars: 62.32 FT <i>ID-2 1/4</i>	Bottom Recorder: 3197 FT
Test Tool: 26.16 FT <i>ID-3 1/2-FH</i>	Well Bore Size: 7 7/8
Total Anchor: 57.88	Surface Choke: 1"
<u>Anchor Makeup</u>	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 2 FT <i>4 1/2-FH</i>	
Change Over: .5 FT	
Drill Pipe: (in anchor): 31.38 FT <i>ID-3 1/2</i>	
Change Over: 1 FT	
Perforations: (below): 22 FT <i>4 1/2-FH</i>	



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Gas Volume Report

1st Open

2nd Open

Time	Orifice	PSI	MCF/D
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Time	Orifice	PSI	MCF/D
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QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Home Office P.O. Box 32 Russell, KS 67665

No. 2452

Phone 785-483-1071
Cell 785-324-1041

Date	8/10/21	Sec.	10	Twp.	15	Range	14	County	Russell	State	Kansas	On Location		Finish	8:30am
								Location	Russell S. to Mitchel Rd 1/2 W Ninto						

Lease	Maier	Well No.	6	Owner	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Contractor	Discovery Drilling			Charge To	Jason Oil
Type Job	Long string	T.D.	3218	Street	
Hole Size	7 7/8	Depth	3205	City	State
Csg.	5 1/2			The above was done to satisfaction and supervision of owner agent or contractor.	
Tbg. Size				Cement Amount Ordered 180 com 10% sst 5% gils inite	
Tool				500gal mud clear	
Cement Left in Csg.	44.92	Shoe Joint	44.92	Common 180	
Meas Line		Displace	75 1/2	Poz. Mix	

EQUIPMENT				JOB SERVICES & REMARKS	
Pumptrk	17	No.	Cementer Helper	Craig	
Bulktrk	15	No.	Driver	Jason	
Bulktrk	P.U.	No.	Driver	David	
Remarks:					
Rat Hole 30 SKS					
Mouse Hole 20 SKS					
Centralizers					
Baskets					
D/V or Port Collar					
Ran 5 1/2 and est. Circularity pumped 500gal mud clear plugged Rat & Mouse Hole and cemented 5 1/2 with 150sk and displaced					
Lift pressure @ 600 psi Landed plug @ 1300psi					

				Hulls	
				Salt 13	
				Flowseal	
				Kol-Seal 750#	
				Mud CLR 48 500 gal	
				CFL-117 or CD110 CAF 38	
				Sand	
				Handling	
				Mileage	

FLOAT EQUIPMENT			
Guide Shoe			
Centralizer 7			
Baskets 2			
AFU Inserts			
Float Shoe			
Latch Down 1			
Triplex shoe - 1			
Plug - 1			
Pumptrk Charge prod string			
Mileage 15			

Signature <i>Tom Berem</i>			Tax	
			Discount	
			Total Charge	
			Thanks	

OPERATOR

Company: JASON OIL COMPANY, LLC
 Address: PO BOX 701
 RUSSELL, KANSAS 67665-0701

Contact Geologist:
 Contact Phone Nbr:

Well Name: MAIER # 6
 Location: W2 SW SE SE, SEC. 10-T15S-R14W
 API: 15-167-24,107-00-00
 Pool: IN FIELD
 State: KANSAS

Field: TRAPP
 Country: USA

Scale 1:240 Imperial

Well Name: MAIER # 6
 Surface Location: W2 SW SE SE, SEC. 10-T15S-R14W
 Bottom Location:
 API: 15-167-24,107-00-00
 License Number: 33813
 Spud Date: 8/2/2021 Time: 2:00 PM
 Region: RUSSELL COUNTY
 Drilling Completed: 8/9/2021 Time: 2:40 AM
 Surface Coordinates: 330' FSL & 1210' FEL
 Bottom Hole Coordinates:
 Ground Elevation: 1758.00ft
 K.B. Elevation: 1766.00ft
 Logged Interval: 2200.00ft To: 3218.00ft
 Total Depth: 3218.00ft
 Formation: ARBUCKLE
 Drilling Fluid Type: CHEMICAL/FRESH WATER GEL

SURFACE CO-ORDINATES

Well Type: Vertical
 Longitude: -98.8595308
 Latitude: 38.7557448
 N/S Co-ord: 330' FSL
 E/W Co-ord: 1210' FEL

LOGGED BY

Company: SOLUTIONS CONSULTING, INC.
 Address: 108 W 35TH
 HAYS, KS 67601

Phone Nbr: (785) 639-1337
 Logged By: GEOLOGIST

Name: HERB DEINES

CONTRACTOR

Contractor: DISCOVERY DRILLING, INC.
 Rig #: 2
 Rig Type: MUD ROTARY
 Spud Date: 8/2/2021 Time: 2:00 PM
 TD Date: 8/9/2021 Time: 2:40 AM
 Rig Release: 8/10/2021 Time: 8:30 AM

ELEVATIONS

K.B. Elevation: 1766.00ft Ground Elevation: 1758.00ft
 K.B. to Ground: 8.00ft

NOTES

RECOMMENDATION AND DECISION TO RUN PRODUCTION CASING BASED ON POSITIVE RESULTS OF DST # 1.

DST # 1 TEST SUMMARY



Company: Jason Oil Company, LLC
Lease: Maier #6

SEC: 10 TWN: 15S RNG: 14W
 County: RUSSELL
 State: Kansas
 Drilling Contractor: Discovery Drilling Company, Inc. - Rig 2
 Elevation: 1760 EGL
 Field Name: Trapp
 Pool: Infield
 Job Number: 489
 API #: 15-167-24107

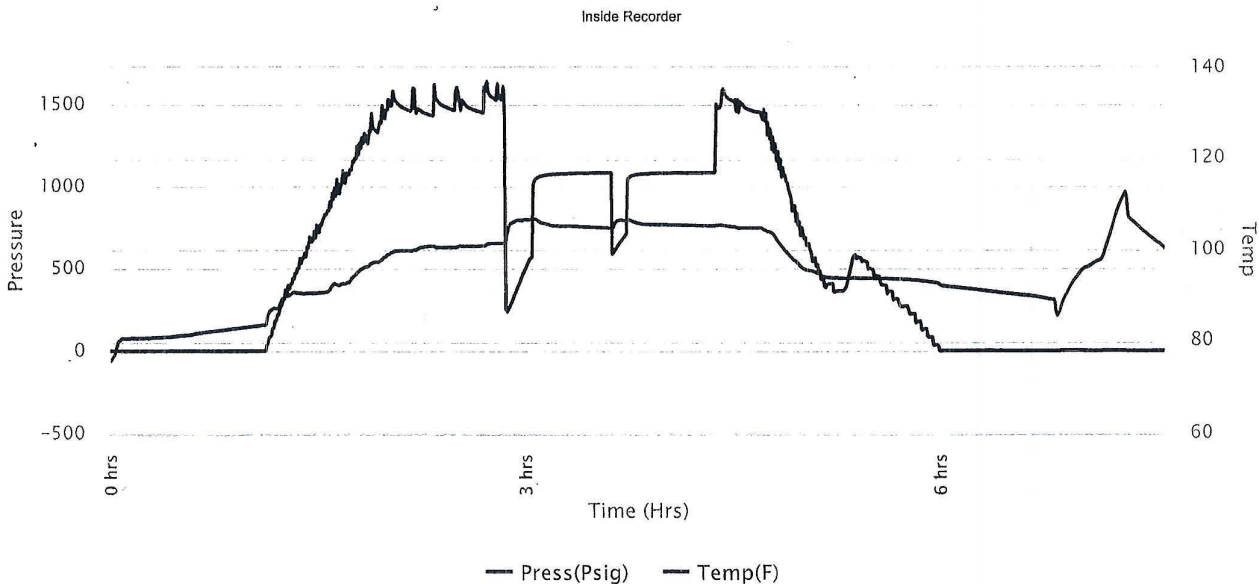
Operation:
 Uploading recovery & pressures

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Electronic Volume Estimate:
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1st Open	1st Close	2nd Open	2nd Close
Minutes: 10	Minutes: 30	Minutes: 5	Minutes: 30
Current Reading: 171.8" at 10 min	Current Reading: 0" at 30 min	Current Reading: 75.5" at 5 min	Current Reading: 0" at 30 min
Max Reading: 171.8"	Max Reading: 2.5"	Max Reading: 75.5"	Max Reading: 0"



DST # 1 TEST RECOVERY



Company: Jason Oil Company, LLC
Lease: Maier #6

SEC. 10 TWP. 10S R10G. 14W
 County: RUSSELL
 State: Kansas
 Drilling Contractor: Discovery Drilling Company, Inc. - Rig 2
 Elevation: 1760 EGL
 Field Name: Trapp
 Pool: Infield
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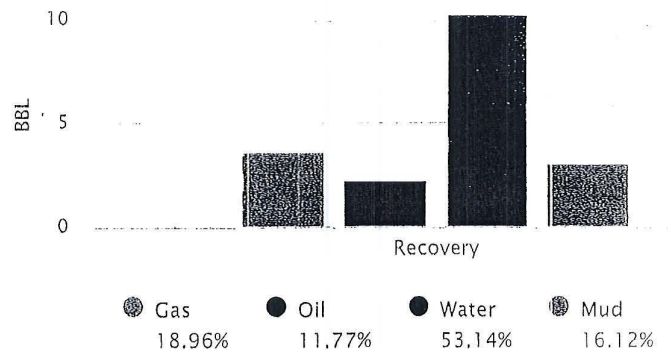
Recovered						
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
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Total Recovered: 1401 ft
 Total Barrels Recovered: 19.3560308

Reversed Out
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Initial Hydrostatic Pressure	1530	PSI
Initial Flow	238 to 573	PSI
Initial Closed in Pressure	1085	PSI
Final Flow Pressure	590 to 714	PSI
Final Closed in Pressure	1087	PSI
Final Hydrostatic Pressure	1527	PSI
Temperature	107	°F
Pressure Change Initial Close / Final Close	0.0	%

Recovery at a glance



GIP cubic foot volume: 20.60991

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REMARKS:

RW Meter wouldn't work.

Tool Sample: 0% Gas 25% Oil 65% Water 10% Mud

Ph: 7

Chlorides: 30,000 ppm






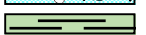

FORMATION TOPS COMPARISON REPORT

MAIER # 6	MAIER # 1	MAIER # 4
W2 SW SE SE	W2 SW SE	N2 SW SE
SEC.10-15S-14W	SEC. 10-15S-14W	SEC.10-15S-14W
KB 1766'	KB 1746'	KB 1742'

	SPL TOPS		
Anhydrite-top	761+1005	+1001	
Anhydrite-base	795 +971		
Topeka	2672 - 906	- 902	- 908
Heebner Shale	2901-1135		-1136
Toronto	2921-1155		-1154
LKC	2966-1200	-1202	-1200
BKC	3168-1402		-1402
Arbuckle	3212-1446	-1444	-1469
RTD	3218-1452	-1465	-1473

8-02-21	Spud 2:00 PM, drilling 12 ¼" surface hole
8-03-21	785', survey at anhydrite 7 degrees, plug back with cement to 375', WOC 8 hrs
8-04-21	462', drilling with light weight on bit to straighten surface hole
8-05-21	771', survey ¼ degree, set 8 5/8" surface casing to 760' cemented with 350 sacks 80/20 pos 2%gel 3%CC, job completed 6:00AM, WOC 11 hours
8-06-21	1560', drilling with button bit
8-07-21	2280', drilling
8-08-21	2820', drilling, displaced @ 2481'
8-09-21	3218', RTD @ 3218' @2:40 AM, CFS, short trip 20 stands, TOWB, survey 1 degree at RTD, DST # 1 3160' to 3218' Arbuckle, logs behind DST # 1, TIWB
8-10-21	3218', LDDP, run production casing and cement, job completed 8:30 AM

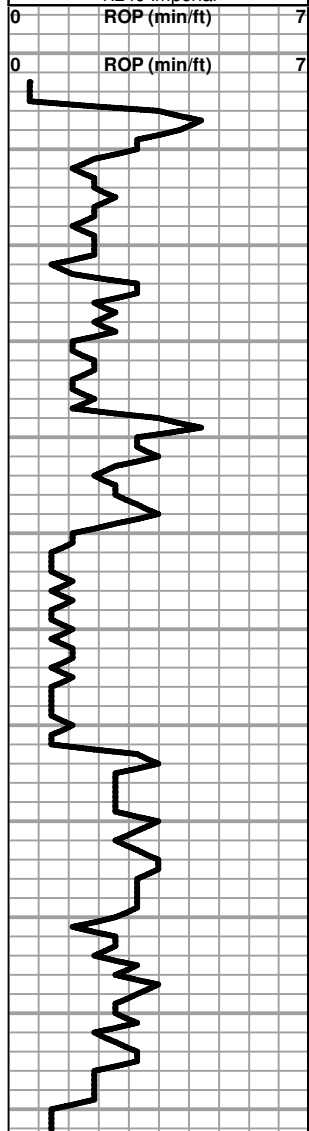
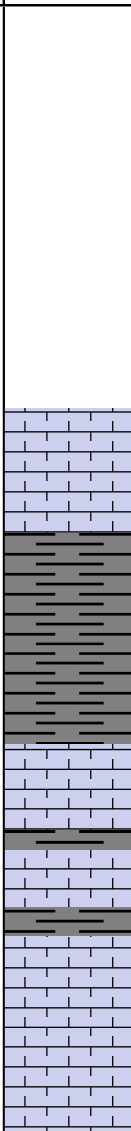
ROCK TYPES

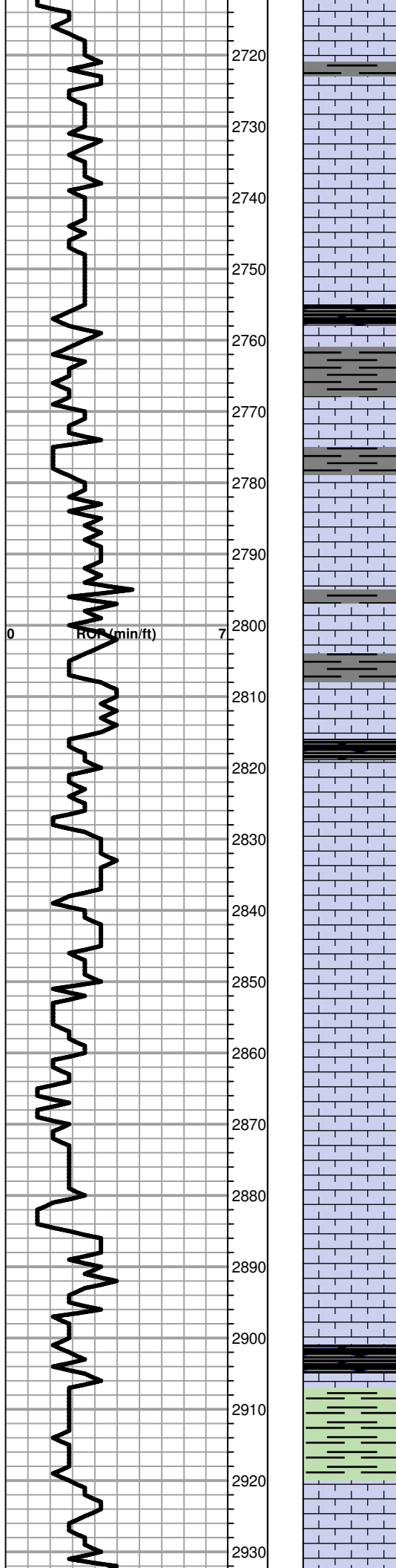
 Dolprim	 Lscongl	 shale, gry	 shale, red
 Lmst fw7>	 shale, grn	 Carbon Sh	

ACCESSORIES

FOSSIL
 Oomoldic

Printed by GEOstrip VC Striplog version 4.0.8.15 (www.grsi.ca)

Curve Track #1 ROP (min/ft)	Depth Intervals DST Cored Interval DST Interval	Lithology	Oil Show	Geological Descriptions	Curve Track #3
<p>1:240 Imperial</p> 	<p>0 7 0 7 2600 2610 2620 2630 2640 2650 2660 2670 2680 2690 2700 2710</p>		<p>BEGIN 1' DRILL TIME FROM 2600' TO RTD BEGIN 10' WET AND DRY SAMPLES FROM 2650' TO RTD</p> <p>ANHYDRITE SPL TOP 761+1005 ANHYDRITE BASE 795+971</p> <p>Shale, lt gray, soft blocky</p> <p><u>TOPEKA SPL TOP 2672-906</u></p> <p>Lime, lt-med brn, fnxln, fossiliferous</p> <p>Lime, lt brn, fn-micro xln</p> <p>Lime, lt gray-lt brn, fn-vfxln</p> <p>Lime,lt-med brn, fn-vfxln, slightly fossiliferous</p>	<p>1:240 Imperial</p> <p>8 5/8" SURFACE CASING SET TO 760' CEMENTED WITH 350 SXS 80/20 POS 2%GEL 3%CC, PLUG DOWN 6:00 AM 8/5/2021</p>	



Lime, lt-med brn, fn-micro xln, slight bedded chalk, NS

2720

Lime lt-med brn, fnxln with scattered granular

2730

Lime, lt-med brn, fn-vfxln, slight bedded chalk

2740

Lime, lt-med brn, fnxln-granular, slightly fossiliferous with bedded chalk in part

2750

Lime, lt-med brn, fnxln-granular, slightly fossiliferous
Shale, black carbonaceous, blocky

2760

Lime, lt brn, fn-vfxln, lithographic in part

2770

Lime, crm-lt brn, fn-micro xln

2780

Lime, lt brn, fn-micro xln

2790

Lime, lt-med brn, fn-micro xln, fossiliferous in part

2800

Shale, lt gray, soft sticky

2810

Lime, lt-med brn-gray, fn-vfxln, fossiliferous in part

Shale, black carbonaceous, blocky

2820

Lime, lt-med brn, fn-vfxln

2830

Lime, crm-lt-med brn, fn-micro xln, slightly fossiliferous

2840

Lime, crm-lt brn, fn-micro xln

2850

○ Lime, lt brn, fn-vfxln, 2 chips with scattered vuggy porosity, spotty staining, NFO or odor

2860

Lime, lt-med brn, fn-vfxln, slight bedded chalk with thin fossil beds in part

2870

Lime, lt brn, fn-vfxln

2880

Lime, crm-lt brn, fn-vfxln

2890

HEEBNER SHALE SPL TOP 2901-1135

Shale, black carbonaceous, blocky, pyritic
Lime, med brn, micro xln, fossiliferous

2910

Shale, lime green, soft sticky

TORONTO SPL TOP 2921-1155

2920

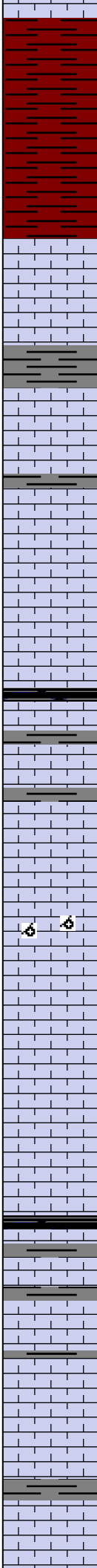
○ Lime, lt brn, fnxln, 2 chips scattered pinpt vuggy porosity, trace of spotty staining, NFO or odor

2930

DOUGLAS SHALE SPL TOP 2934-1168

2940
2950
2960
2970
2980
2990
3000
3010
3020
3030
3040
3050
3060
3070
3080
3090
3100
3110
3120
3130
3140
3150

0 7
SOP (min/ft)



Shale, red-lime green, soft

Shale, red, soft blocky

LKC SPL TOP 2966-1200

Lime, crm, fn-vfxln, NS

Lime, lt-med brn-light grayish brn, fn-vfxln, slightly fossiliferous

Shale, dove gray, soft, sticky

Lime, lt-med brn, fn-vfxln

Lime, crm-lt brn, fnxln, slight bedded chalk, NS or odor

Lime, crm-lt brn, fn-vfxln, NS, few barren oolitic casts

Lime, crm-lt brn, fnxln, bedded chalk

Shale, black carbonaceous, blocky
Lime, offwhite, vfxln

Lime, crm-lt brn-med grayish brn, fn-vfxln

Lime, crm-lt brn, fn-vfxln, bedded chalk, NS

Lime, white-crm-lt brn, vfxln, bedded chalk, NS or odor, few barren oolitic casts

Lime, white-crm, fn-vfxln

Lime, crm-tan, fn-vfxln, slight bedded chalk

Lime, crm-tan, fn-vfxln

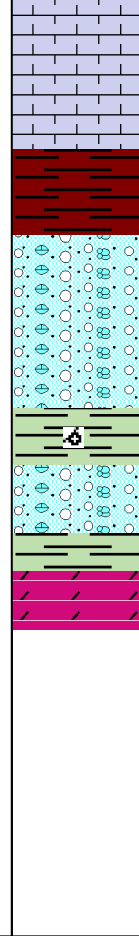
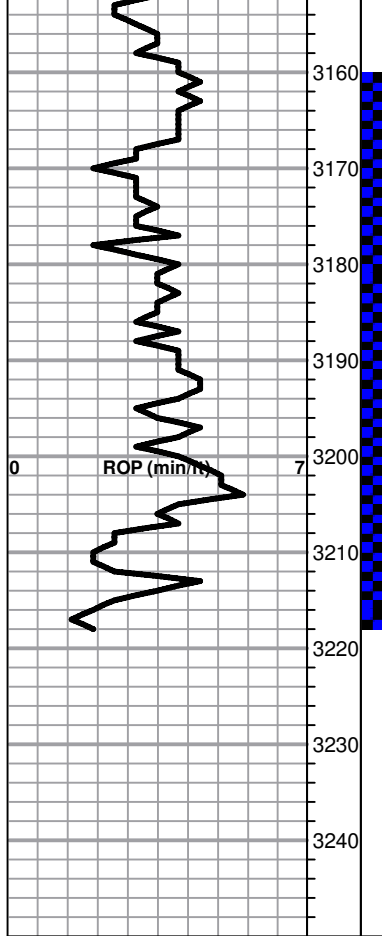
Shale, med gray-black carbonaceous, blocky
Lime, offwhite-lt brn, fnxln

Lime, crm-lt brn, fn-micro xln, NS or odor

Lime, crm-lt brn, fn-micro xln

Lime, tan-lt brn, micro xln

Lime, lt brn, micro xln



Lime, crm-lt brn, fn-micro xln, NS or odor

Lime, lt-med brn, fn-micro xln, slight bedded chalk

BKC SPL TOP 3168-1402

Shale, red, soft, blocky, no red wash

Clastic limestone mix of vari colors, fn-micro xln

Clastic limestone mix of vari colors, fn-micro xln

Shale, lime green, soft sticky

Clastic limestone, vari color, fn-micro xln

ARBUCKLE SPL TOP 3212-1446

Dolomite, white-lt brn, fnxln to granular, fn-coarse grained with rhombic xln development, excellent visible porosity, sat lt staining, good odor, lt sheen of oil on water

RTD 3218-1452

CASING TAGGED TD WITHIN 6" OF RTD CONFIRMING RTD AS CORRECT

DST # 1 SEE HEADER FOR TEST SUMMARY

SURVEY 1 DEGREE @RTD

SET 5 1/2" USED CASING, 15.5# TO 3215'. PACKER SHOE SET 3' OFF BOTTOM. CEMENTED WITH 150 SACKS COMMON, 10% SALT 5% GILSONITE. 30 SACKS IN RATHOLE

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Home Office P.O. Box 32 Russell, KS 67665

No. 245

Phone 785-483-1071
Cell 785-324-1041

Date	Sec.	Twp.	Range	County	State	On Location	Finish
8/19/21	10	15	14	Russell	Kansas		8:30am
				Location Russell S. to Mitchell Rd & W Ninto			

Lessee Major	Well No. 6	Owner
Contractor Discovery Drilling		To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Type Job Long string		Charge To Texas Oil
Hole Size 7 7/8	T.D. 3218	
Ceg. 5 1/2	Depth 3205	Street
Tbg. Size	Depth	City State
Toot	Depth	

Cement Left in Ceg. 44.92	Shoe Joint 44.92	Cement Amount Ordered 180 con 10% salt 5% gals/mile
Mass Line	Displace 75%	500 gal mud star
EQUIPMENT		Common 180

Pumptrk 17 No. Cementer Craig	Poz. Mbx
Bulktrk 15 No. Driver Jester	Gel.
Bulktrk PH. No. Driver David	Calclum

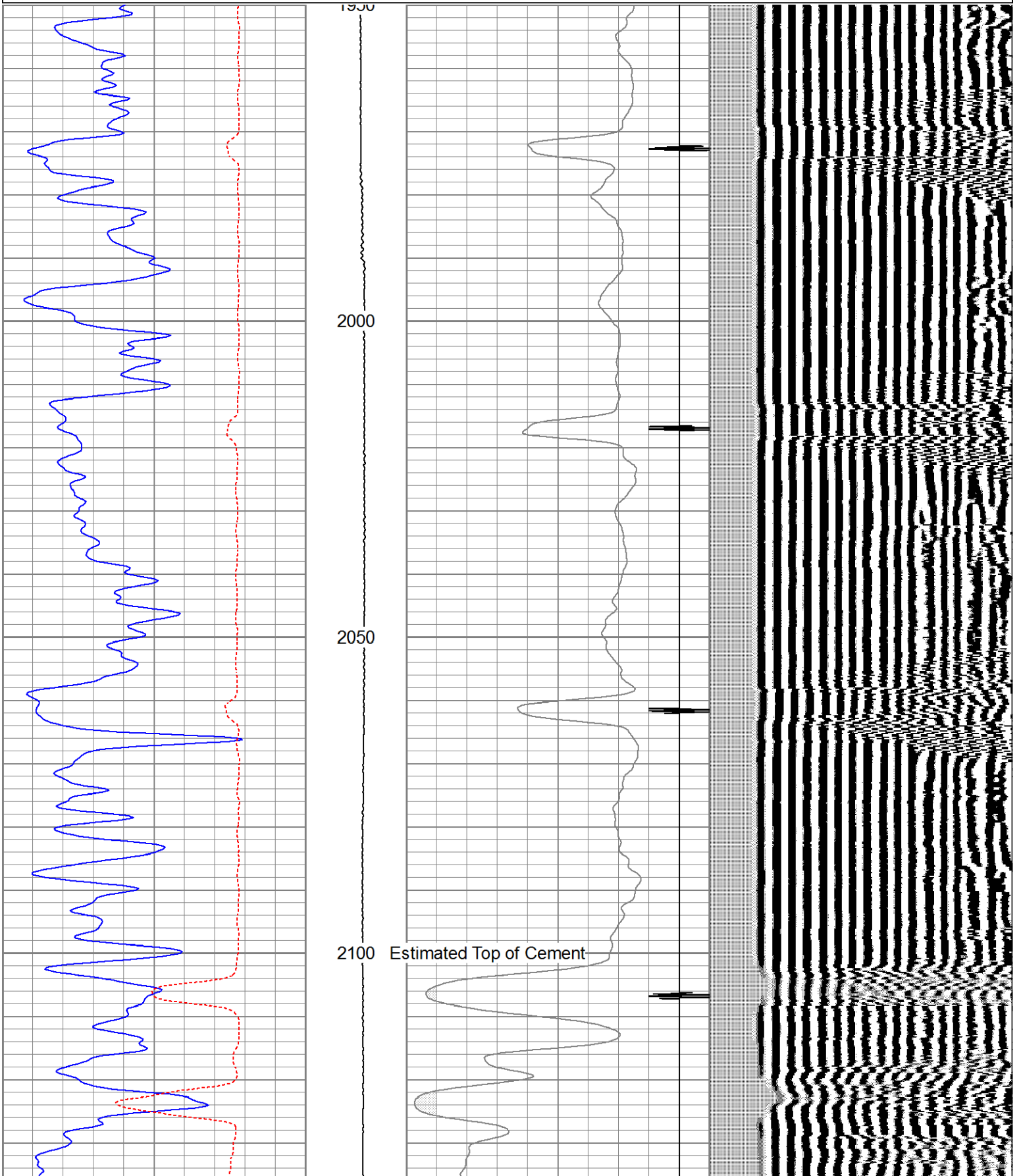
JOB SERVICES & REMARKS		Hulls
Remarks:		Salt 13
Rat Hole 30 SKS		Flowseal
Mouse Hole		Kot-Seal 730#
Centralizers		Mud CLR 48 500 gal
Baskets		CFL-117 or CD110 CAP 35
D/V or Port Collar		Sand
Bar 5 1/2 and set Girard 10-2		Handling
pumped 500 gal mud star		Mileage
pledged Bar & Mouse Hole		
and cemented 5 1/2 with 100 gal		
and displaced		

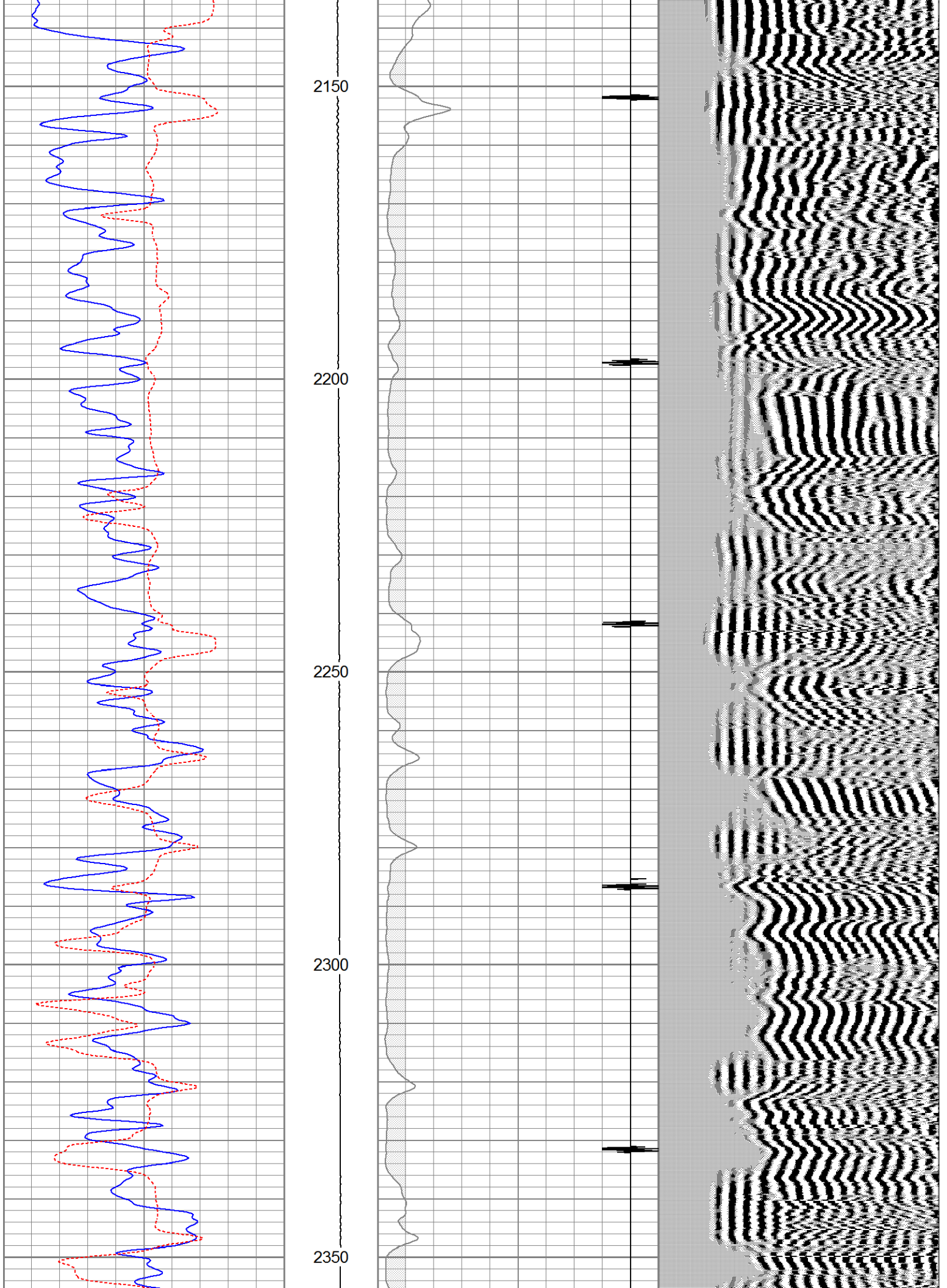
L. fr pressure @ 600 psi	Side Shoe
Loaded plug @ 1200 psi	Centralizer 7
	Baskets 2
	AFU inserts
	Float Shoe
	Latch Down 1
	Triplex spool - 1
	Aug 1
	Triplex spool - 1
	Mileage 15

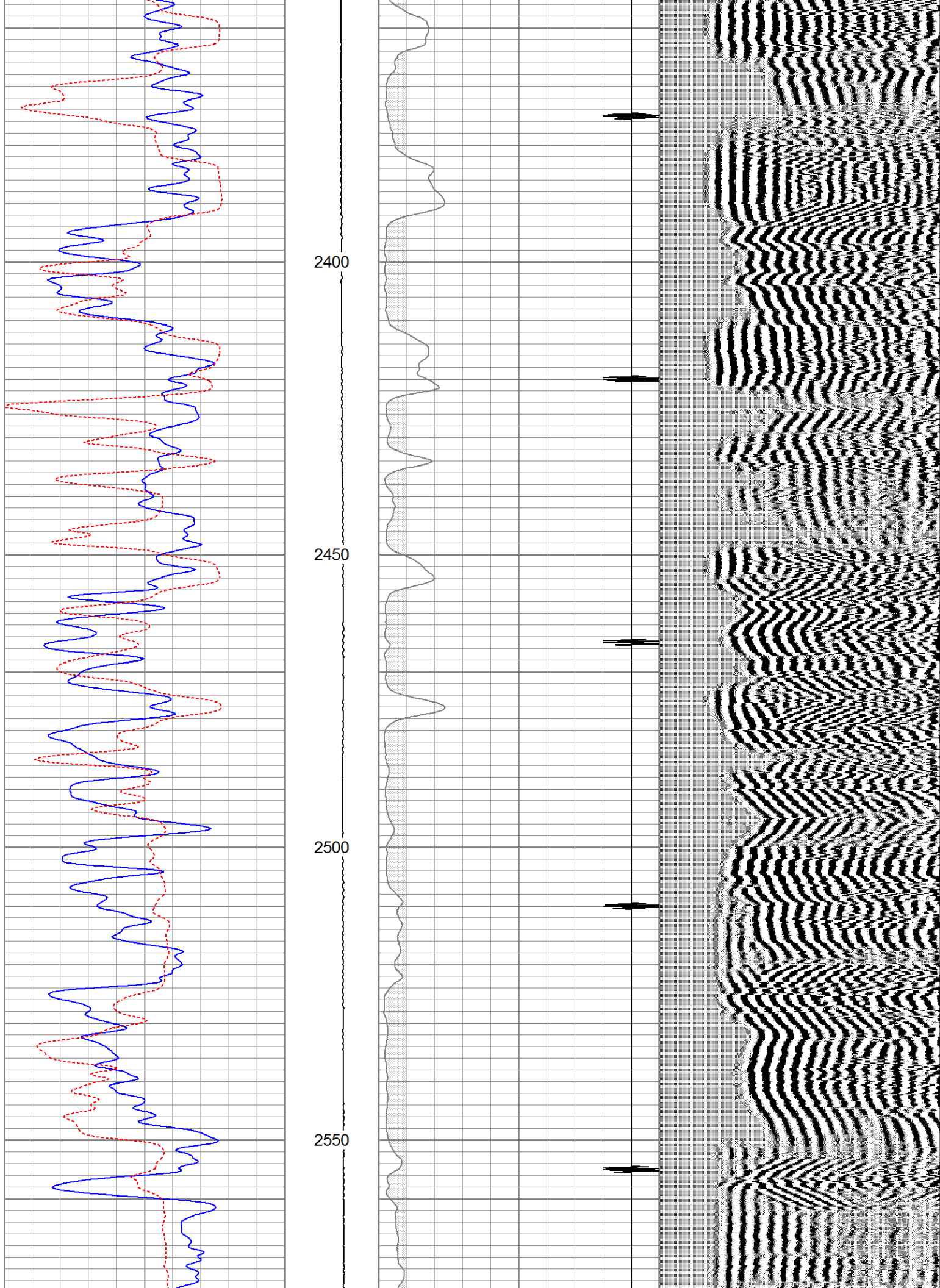
Signature Tom Berem	Thanks	Tax
		Discount
		Total Charge

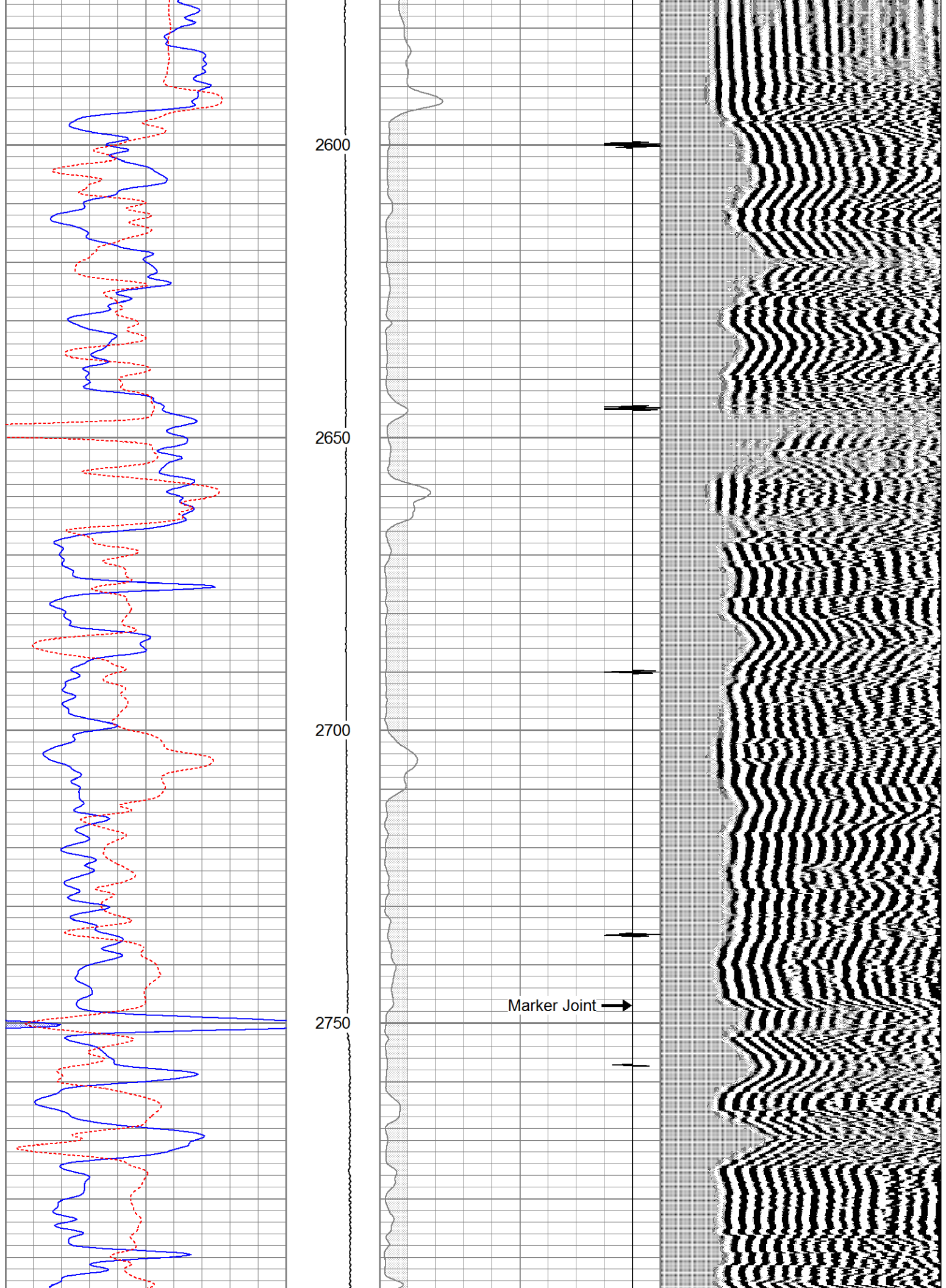
Database File jomaier#6cbl.db
 Dataset Pathname pass2.1
 Presentation Format cbl
 Dataset Creation Thu Aug 19 09:12:53 2021
 Charted by Depth in Feet scaled 1:240

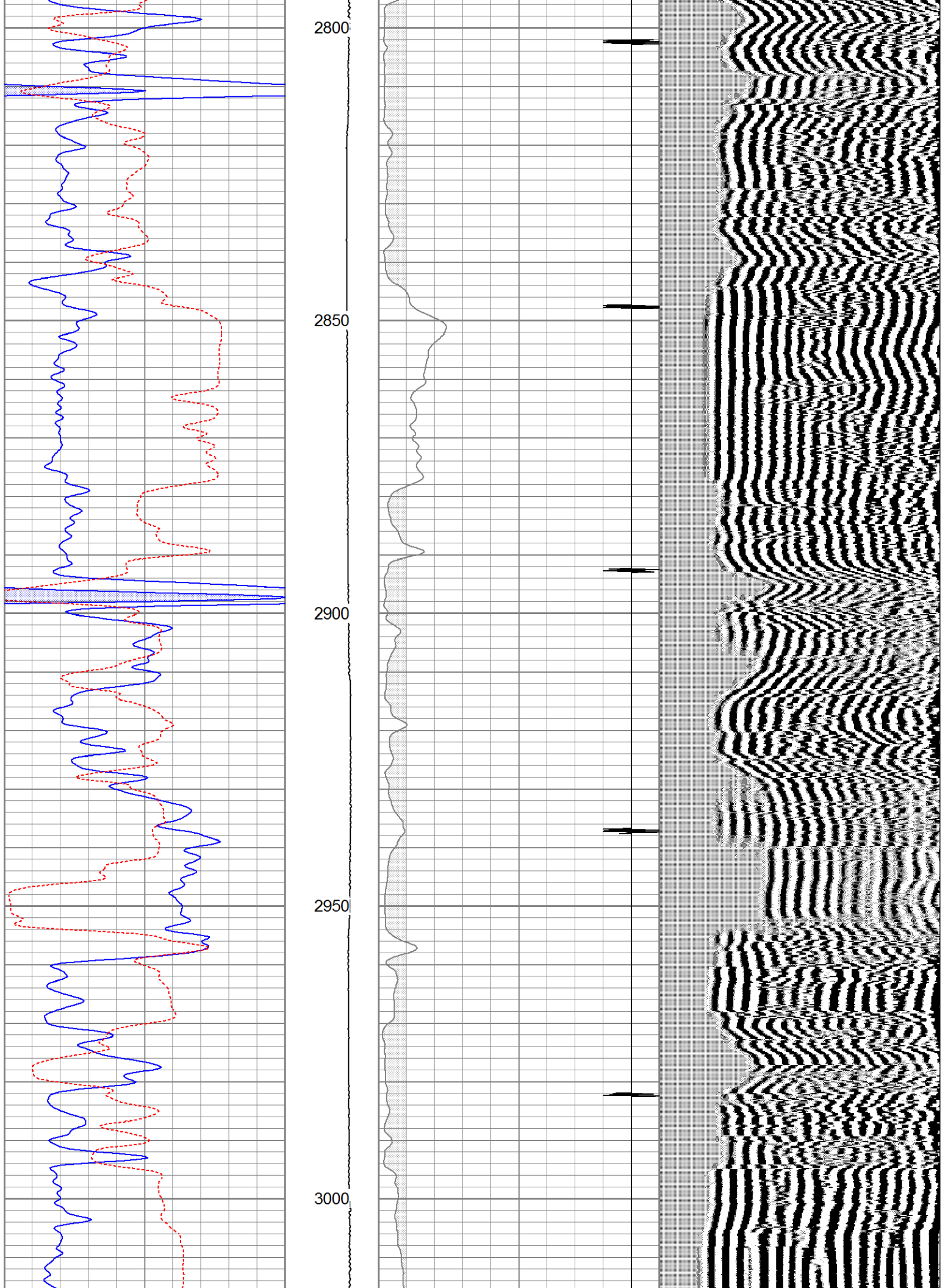
0	GR (GAPI)	150	LTEN	18	CCL	-2	200	VDL (usec)	1200
150	GR (GAPI)	300	(lb)	0	AMP3FT (mV)	100			
400	TT3FT (usec)	200	-100 1100						

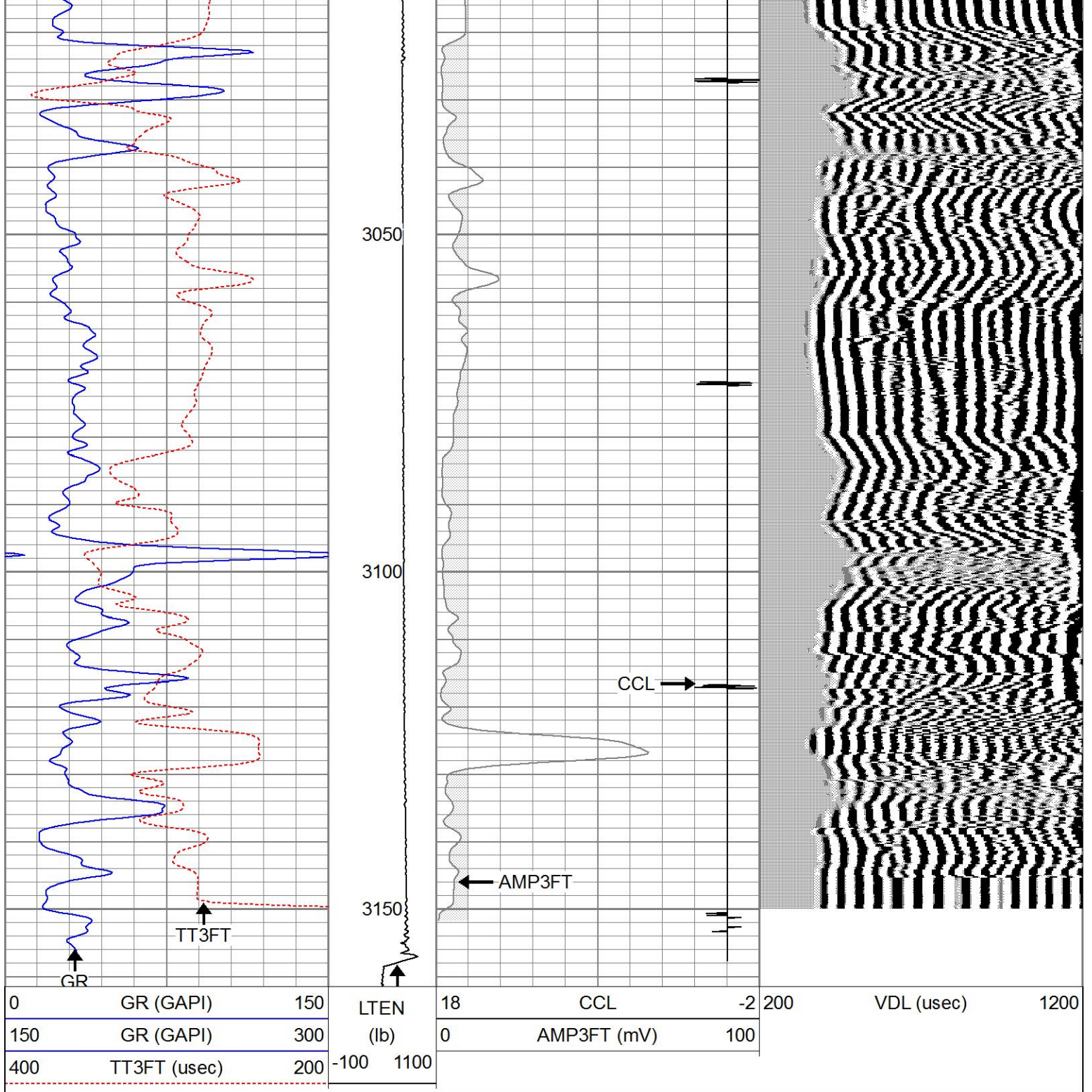








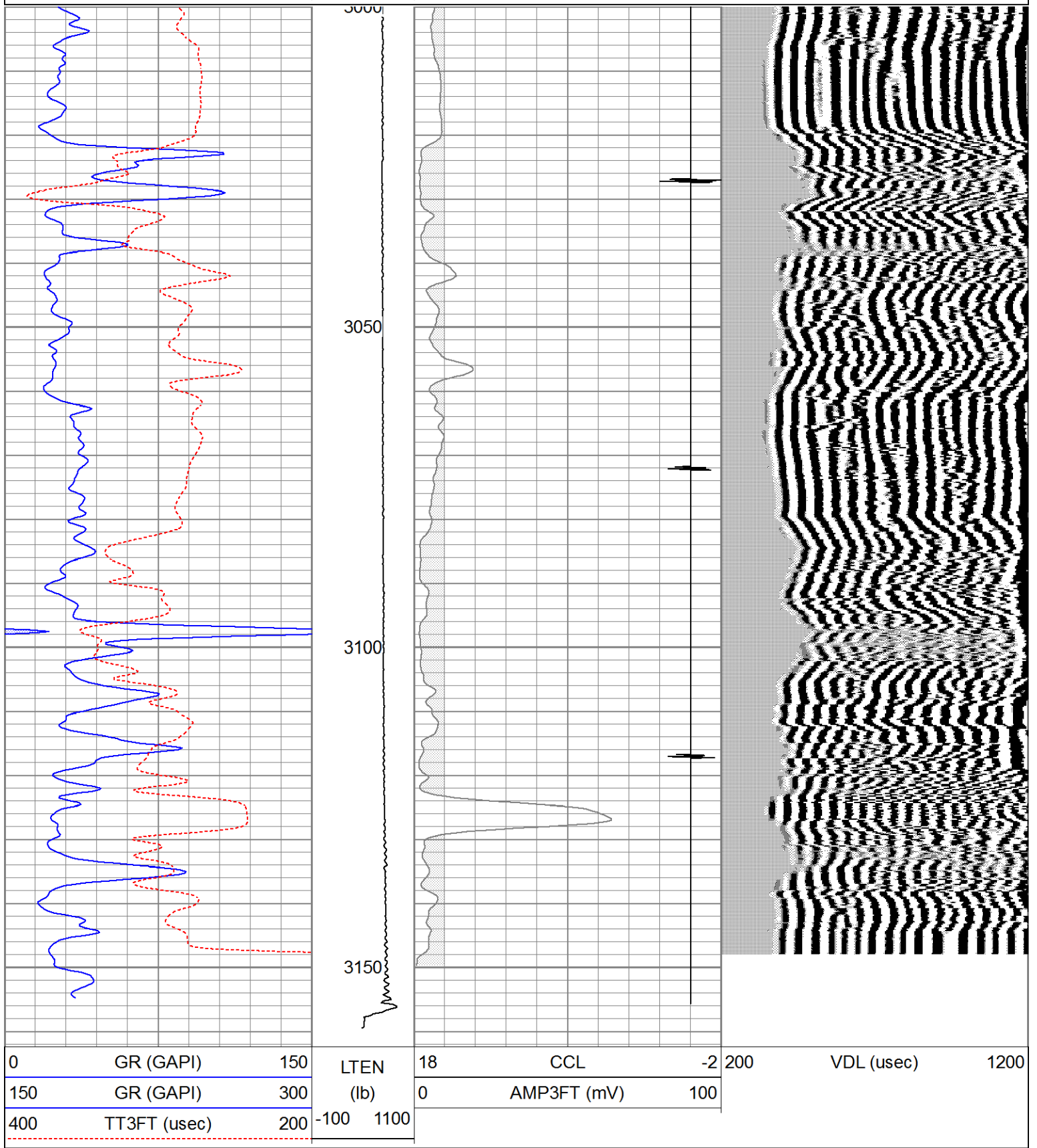




REPEAT SECTION

Database File jomaier#6cbl.db
 Dataset Pathname pass1
 Presentation Format cbl
 Dataset Creation Thu Aug 19 08:38:23 2021
 Charted by Depth in Feet scaled 1:240

0	GR (GAPI)	150	LTEN	18	CCL	-2	200	VDL (usec)	1200
150	GR (GAPI)	300	(lb)	0	AMP3FT (mV)	100			
400	TT3FT (usec)	200	-100 1100						



Calibration Report

Database File jomaier#6cbl.db
 Dataset Pathname pass2.1
 Dataset Creation Thu Aug 19 09:12:53 2021

Gamma Ray Calibration Report

Serial Number: 080224
 Tool Model: Probe1
 Performed: Wed Jun 09 10:33:39 2021

Calibrator Value:	200.0	GAPI
Background Reading:	15.0	cps
Calibrator Reading:	222.7	cps
Sensitivity:	1.0000	GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number:	061007	
Tool Model:	DigitalCBL	
Calibration Casing Diameter:	5.500	in
Calibration Depth:	1966.833	ft

Master Calibration, performed Thu Aug 19 08:32:44 2021:


	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.002	1.002	1.000	71.921	70.978	0.827
CAL						
5'	0.002	0.985	1.000	71.921	72.186	0.822
SUM						
S1						
S2						
S3						
S4						
S5						
S6						
S7						
S8						

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL						

Air Zero Calibration, performed Wed Nov 13 08:15:38 2019:

	Raw (v)		Calibrated (v)		Results	
	Zero		Zero		Offset	
3'	0.000		0.000		0.000	
5'	0.000		0.000		0.000	
SUM						
S1						
S2						
S3						
S4						
S5						
S6						
S7						
S8						

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			CHD-sdschd	0.75	1.44	3.00

			CENT-275 2 3/4" Centralizer	2.94	2.75	10.00
WVF5FT WVF3FT	11.69 11.69		Probedig-DigitalCBL (061007) 2 3/4 Bond Tool	8.77	2.75	92.00
WVFSYNC	7.44		CENT-275 2 3/4" Centralizer	2.94	2.75	10.00
CCL	3.67		CCL-Probe (080224)	1.42	2.75	20.00
GR	2.30		GR-Probe1 (080224)	3.08	2.75	40.00

Dataset: jomaier#6cbl.db: field/well/run1/pass2.1
 Total length: 19.89 ft
 Total weight: 175.00 lb
 O.D.: 2.75 in