

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1364311
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

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 SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- 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 ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

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
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1364311



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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

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				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 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)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

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)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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PIONEER
Pioneer Energy Services

**RADIATION GUARD
LOG**

Company **BENNETT & SCHULTE OIL COMPANY**
Well **JJ NEY NO. 31-1**
Field **BARRETT**
County **BARTON**
State **KANSAS**

Company **BENNETT & SCHULTE OIL COMPANY**
Well **JJ NEY NO. 31-1**
Field **BARRETT**
County **BARTON** State **KANSAS**

Location: **API #: 15-009-26181-00-00**
2310' FNL & 1980' FWL
SEC 31 TWP 16S RGE 13W
Permanent Datum **GROUND LEVEL** Elevation **1962'**
Log Measured From **KELLY BUSHING**
Drilling Measured From **KELLY BUSHING**
Other Services **NONE**
Elevation **K.B. 1968'**
D.F. N/A
G.L. 1962'

Date	8/9/2017
Run Number	ONE
Depth Driller	3500'
Depth Logger	3499'
Bottom Logged Interval	3498'
Top Log Interval	500'
Casing Driller	8.625" @ 517'
Casing Logger	512'
Bit Size	7.875"
Type Fluid in Hole	CHEMICAL
Salinity, ppm CL	3,000
Density / Viscosity	8.9 56
pH / Fluid Loss	10.0 8.0
Source of Sample	FLOWLINE
Rm @ Meas. Temp	.85 @ 74
Rmt @ Meas. Temp	.64 @ 74
Rmc @ Meas. Temp	1.15 @ 74
Source of Rmf / Rmc	CHARTS
Rm @ BHT	.57 @ 111
Operating Rig Time	2 HOURS
Max Rec. Temp. F	111 DEGF
Equipment Number	108
Location	HAYS
Recorded By	J. HENRICKSON
Witnessed By	BOB HOPKINS

<<< Fold Here >>>

All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC will not 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.

Comments

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.
RUSSELL KANSAS
SOUTH TO SUSANK BLACKTOP, 2 EAST, 1 1/2 SOUTH, EAST INTO

Log Measured From: KELLY BUSHING 6 Ft. Above Permanent Datum

THANK YOU FOR USING PIONEER ENERGY SERVICES
www.pioneerenergy.com 785-625-3858

Your Pioneer Energy Services Crew	This Log Record Was Witnessed By
Engineer: J. HENRICKSON	Primary Witness: BOB HOPKINS
Operator:	Secondary Witness:
Operator:	Secondary Witness:
Operator:	Secondary Witness:

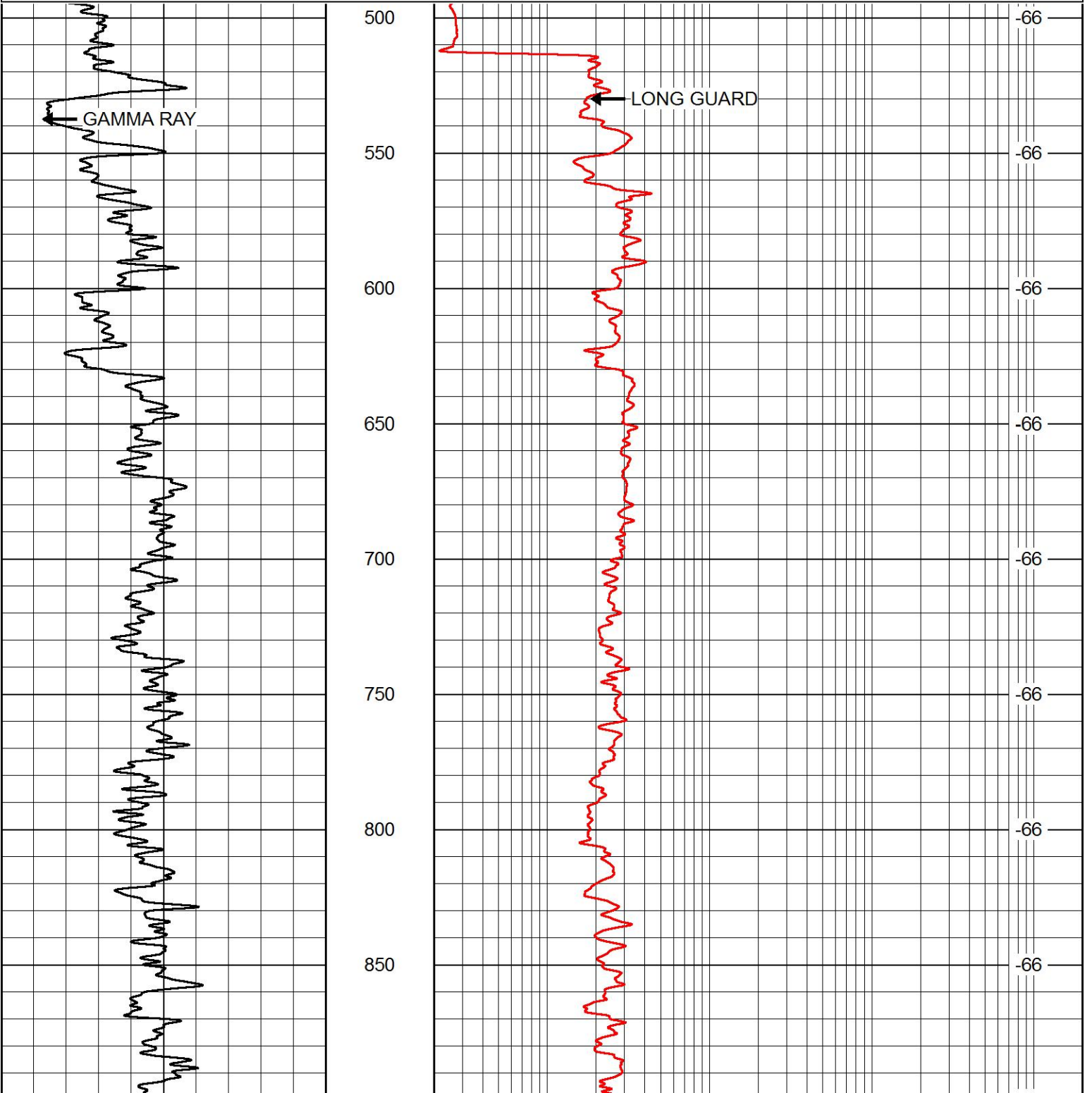
Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GR	14.50		GR-M&W (89-M&W)	3.00	3.50	50.00
LGRD	11.00		LGRD-M&W (49) Simlec Long Guard	3.50	3.50	40.00
SCAL	5.10		SWN-M&W-SP (139-130)	10.50	4.00	190.00
SWN	4.45					
SP	0.20					

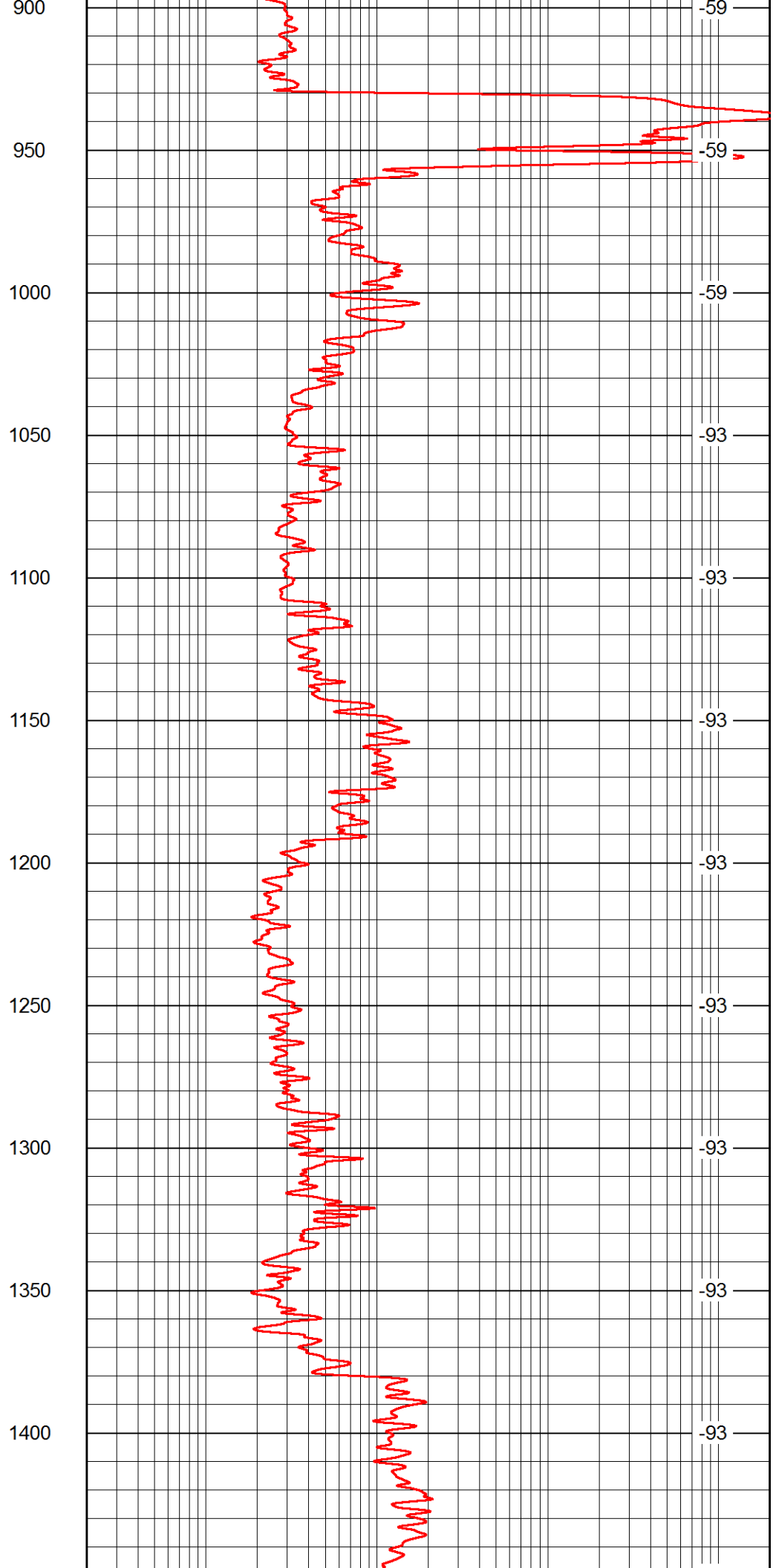
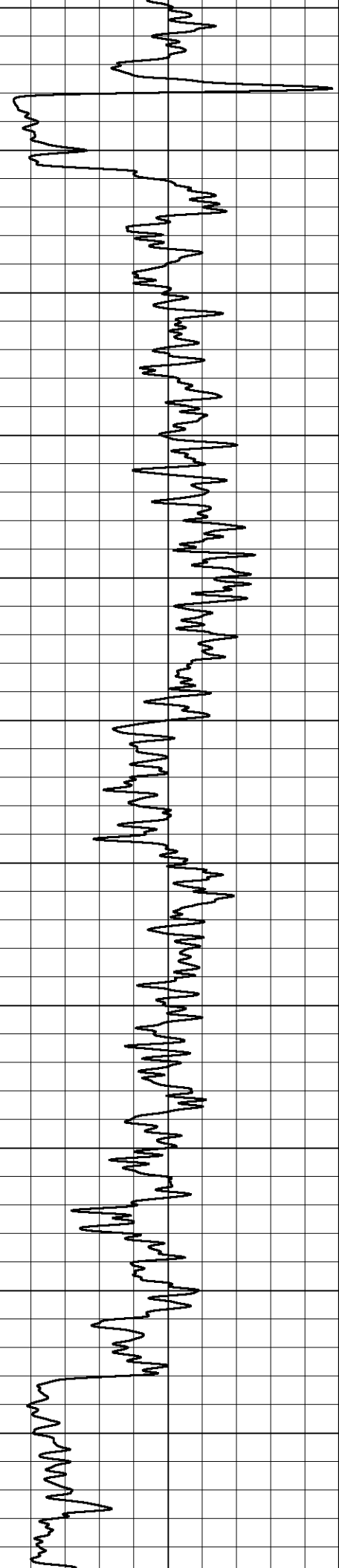
Dataset: bennett_schulte_jj_ney_31_1.db: field/well/RAG/pass3.1
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 Total weight: 280.00 lb
 O.D.: 4.00 in

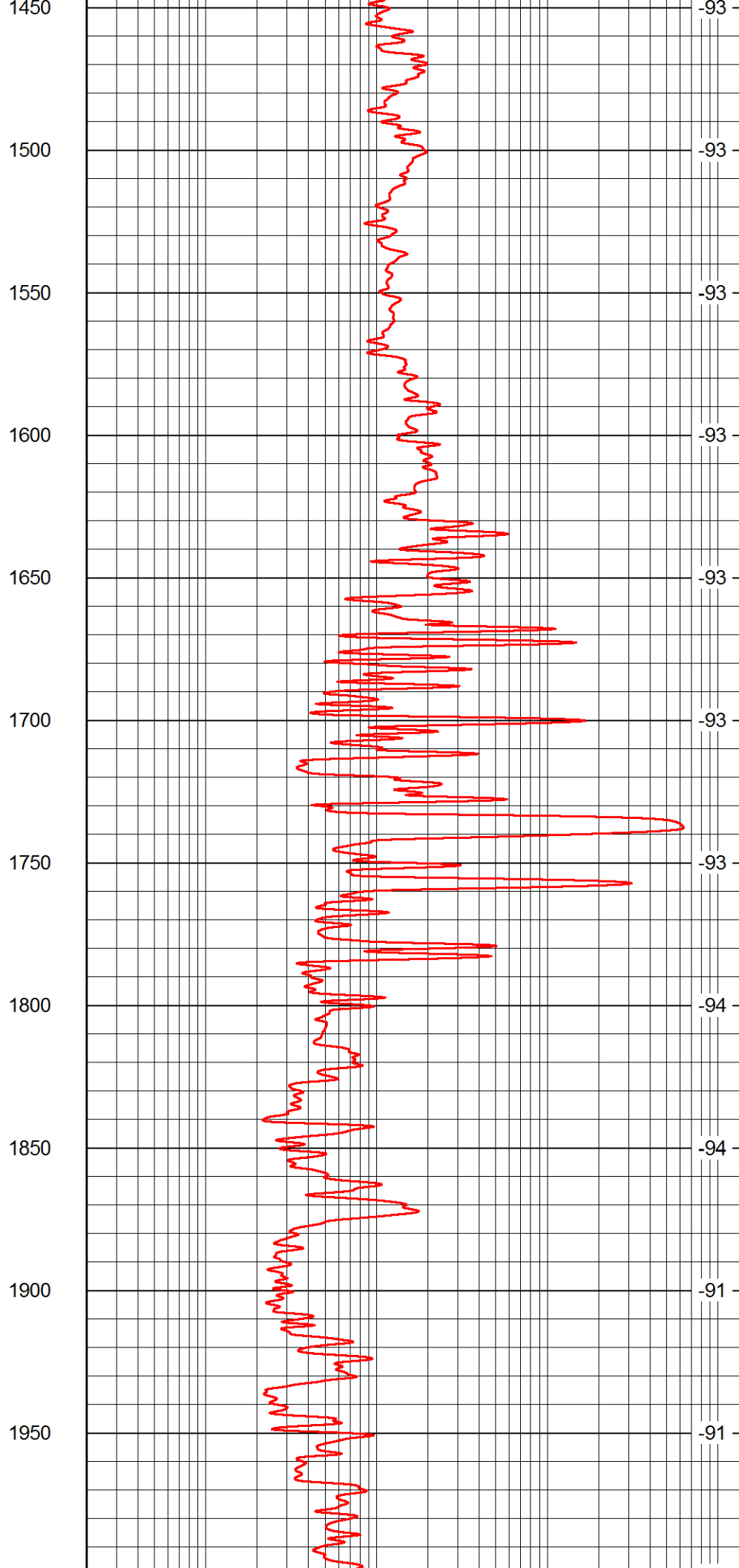
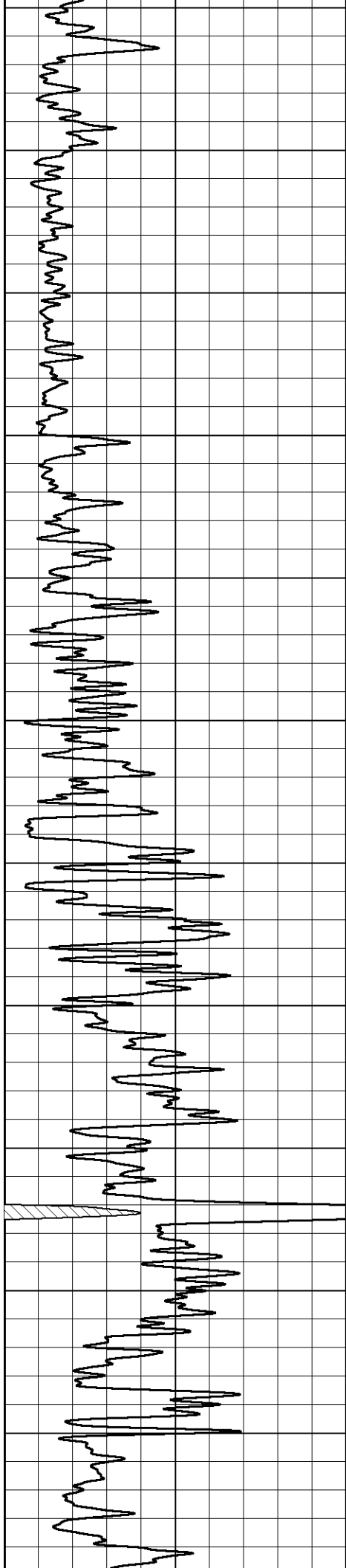
MAIN PASS

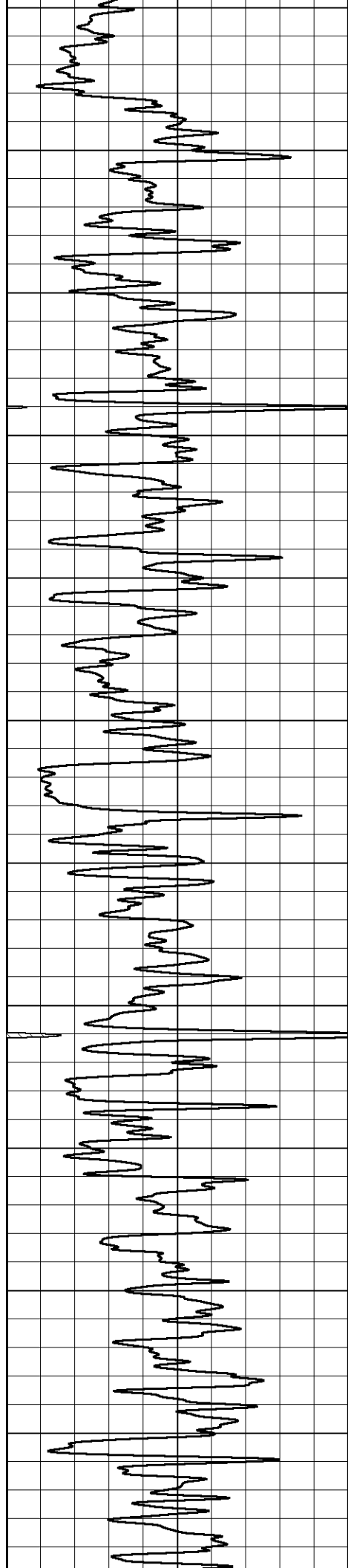
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 Dataset Pathname RAG/pass3.1
 Presentation Format rag2in
 Dataset Creation Wed Aug 09 10:27:37 2017
 Charted by Depth in Feet scaled 1:600

0	GAMMA RAY (GAPI)	150	0.2	LONG GUARD (Ohm-m)	2000
					LINE SPEED (ft/min)

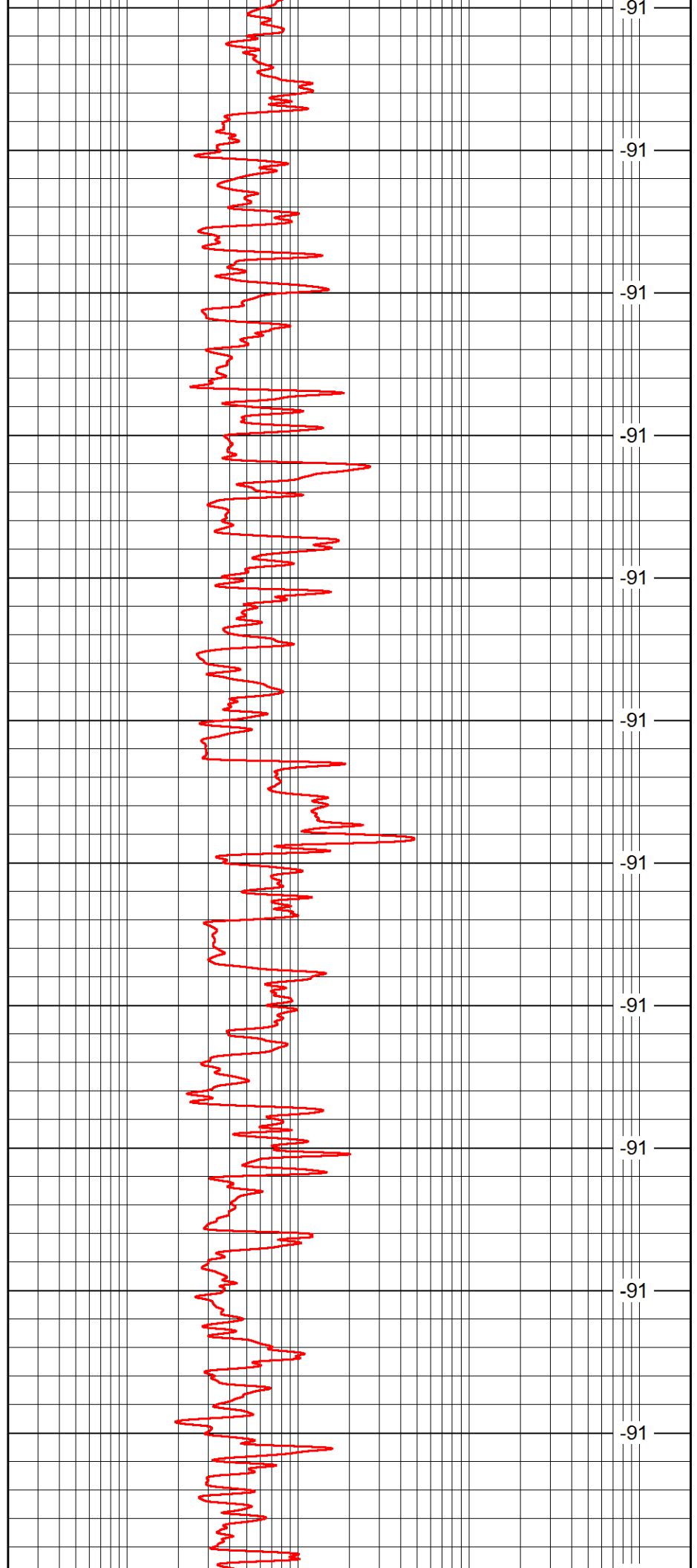




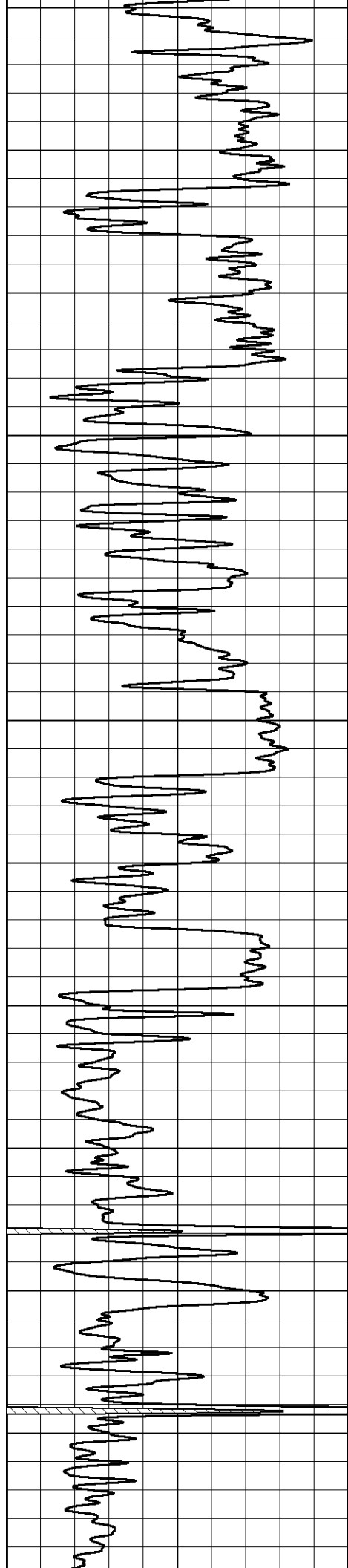




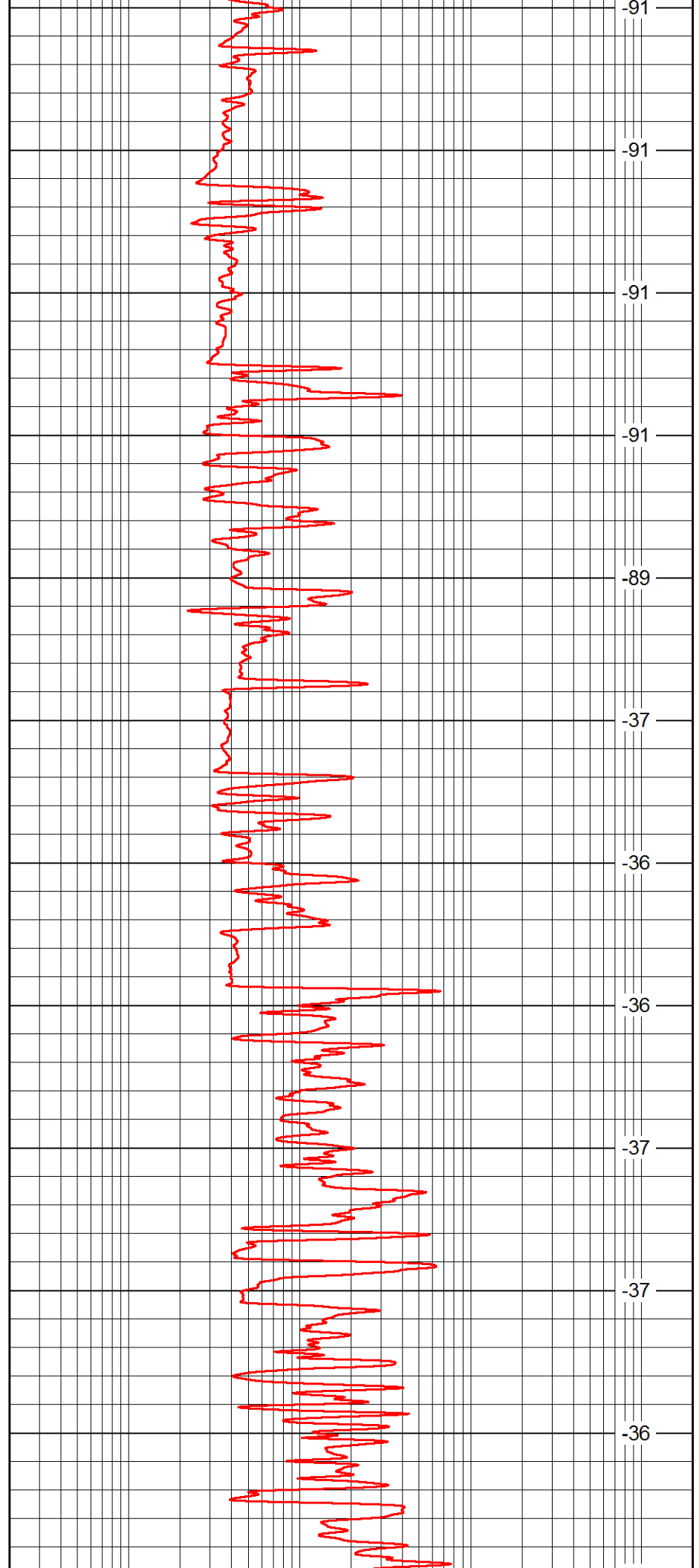
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2050
2100
2150
2200
2250
2300
2350
2400
2450
2500



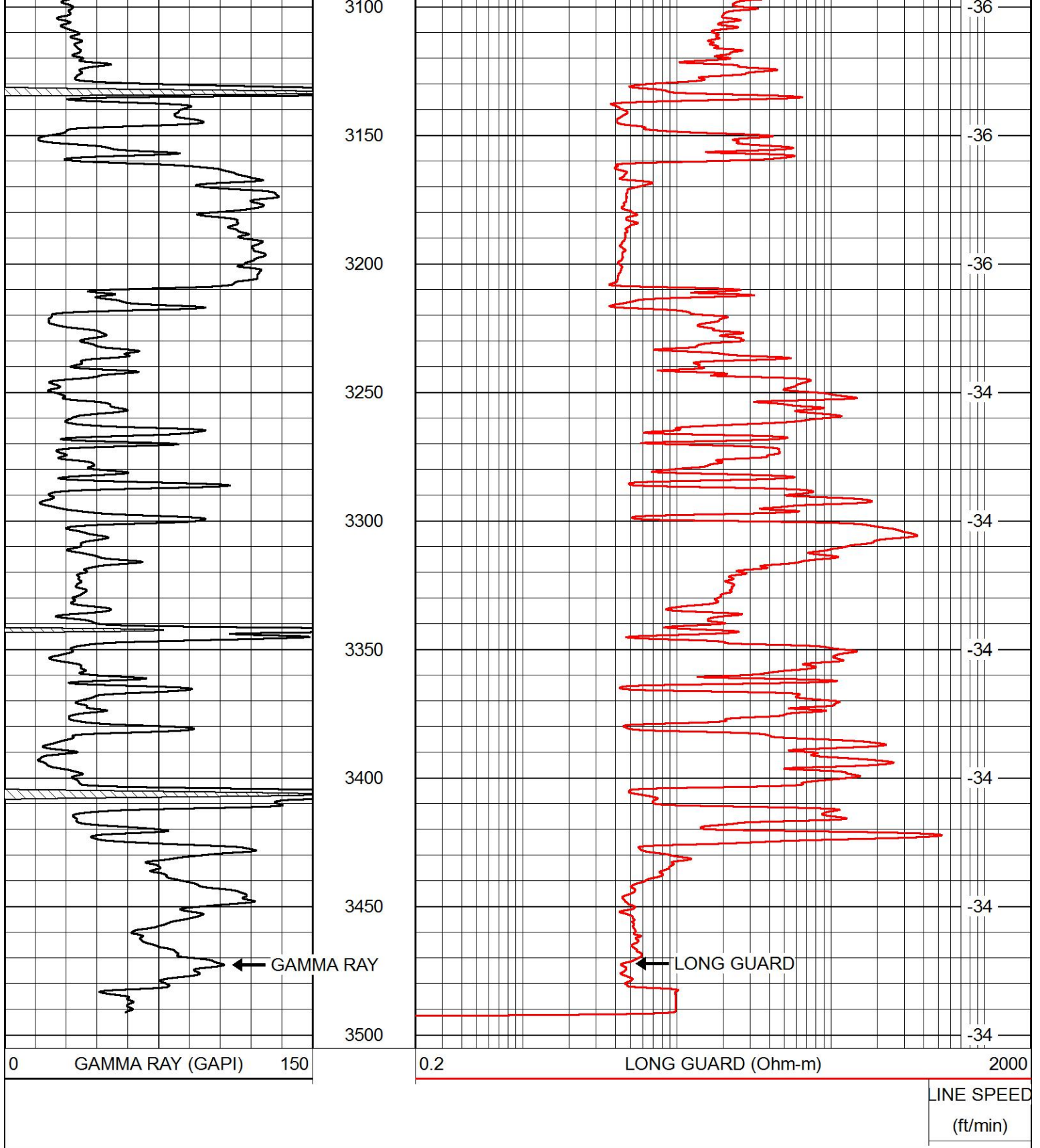
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2550
2600
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2800
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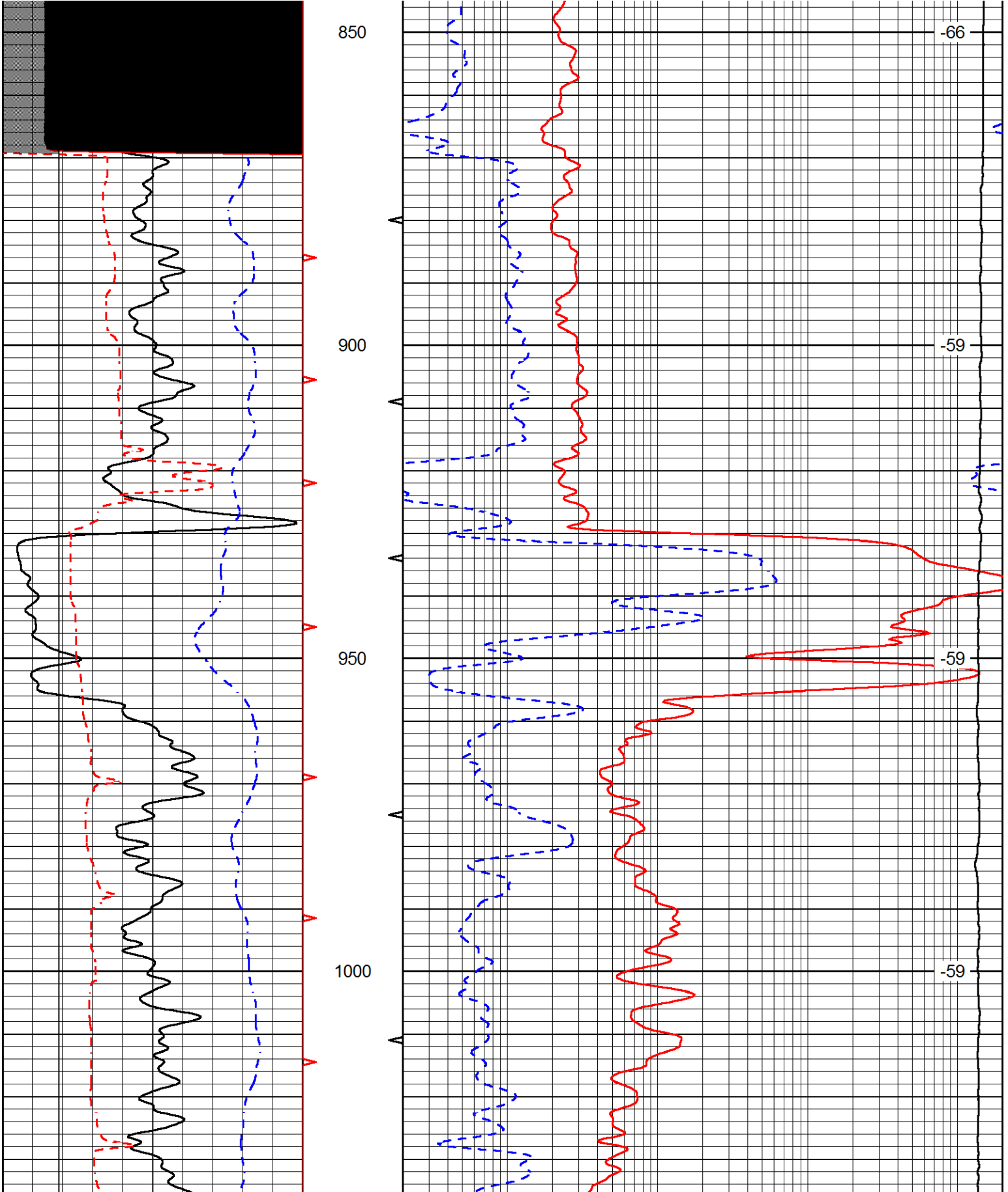


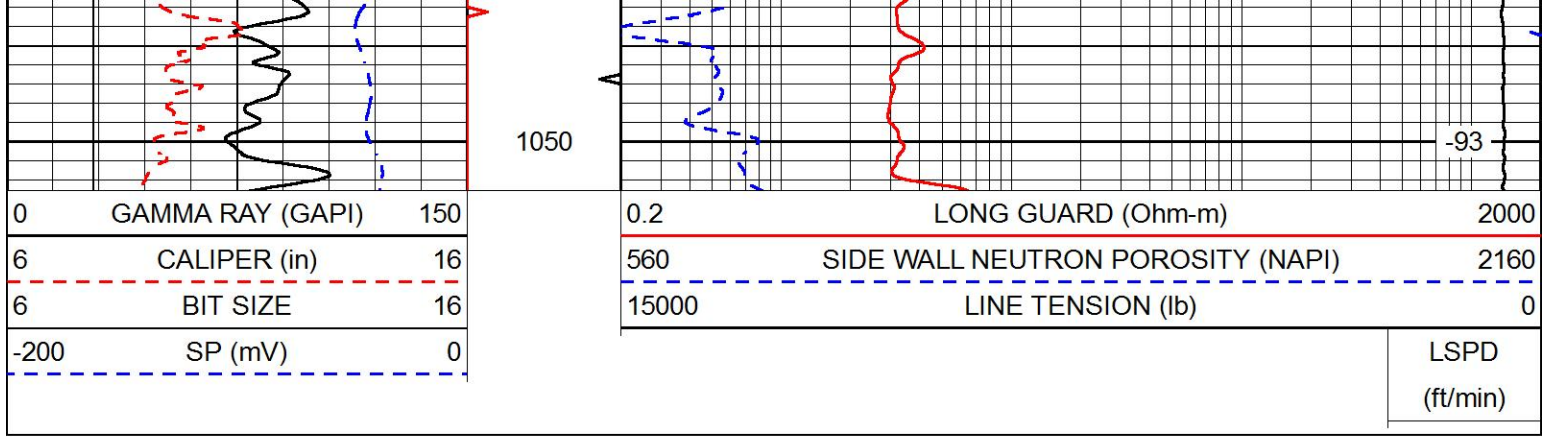
MAIN PASS

Database File bennett_schulte_jj_ney_31_1.db
 Dataset Pathname RAG/pass3.1
 Presentation Format rag
 Dataset Creation Wed Aug 09 10:27:37 2017
 Charted by Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150
6	CALIPER (in)	16
6	BIT SIZE	16
-200	SP (mV)	0

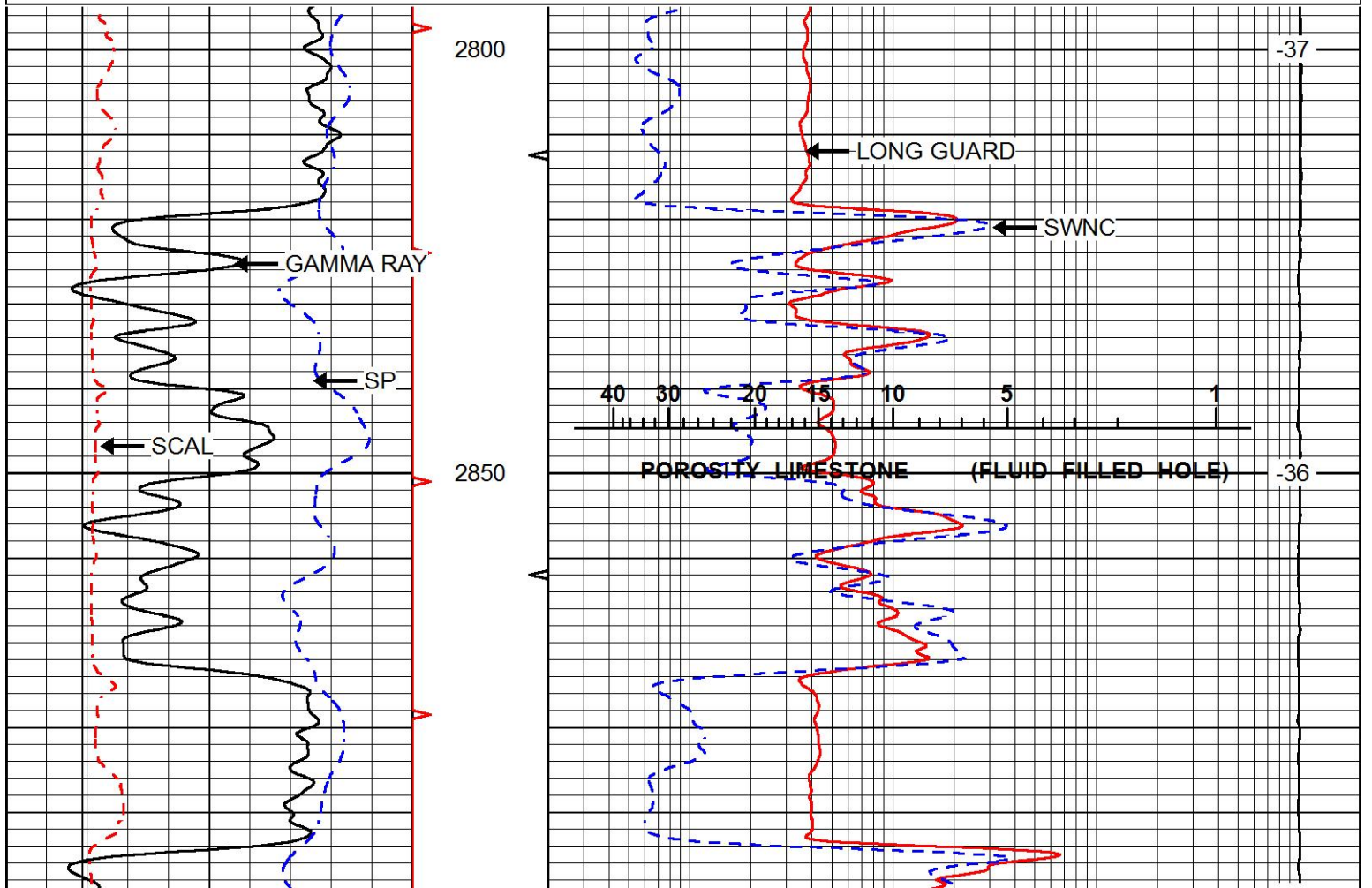
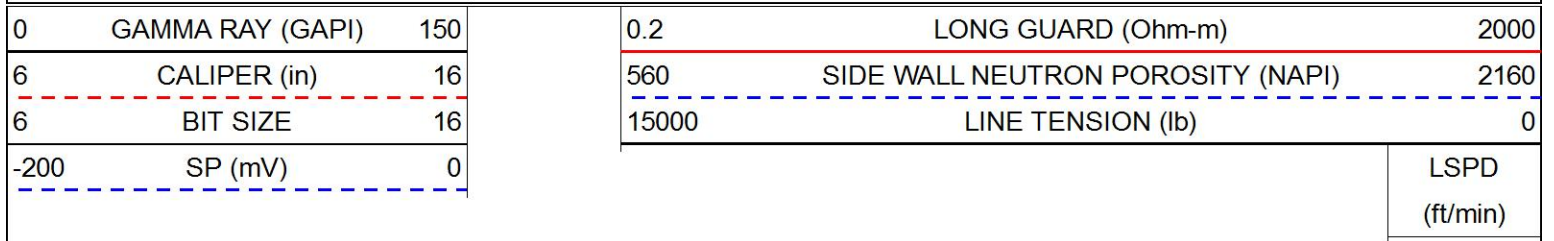
0.2	LONG GUARD (Ohm-m)	2000
560	SIDE WALL NEUTRON POROSITY (NAPI)	2160
15000	LINE TENSION (lb)	0
	LSPD (ft/min)	

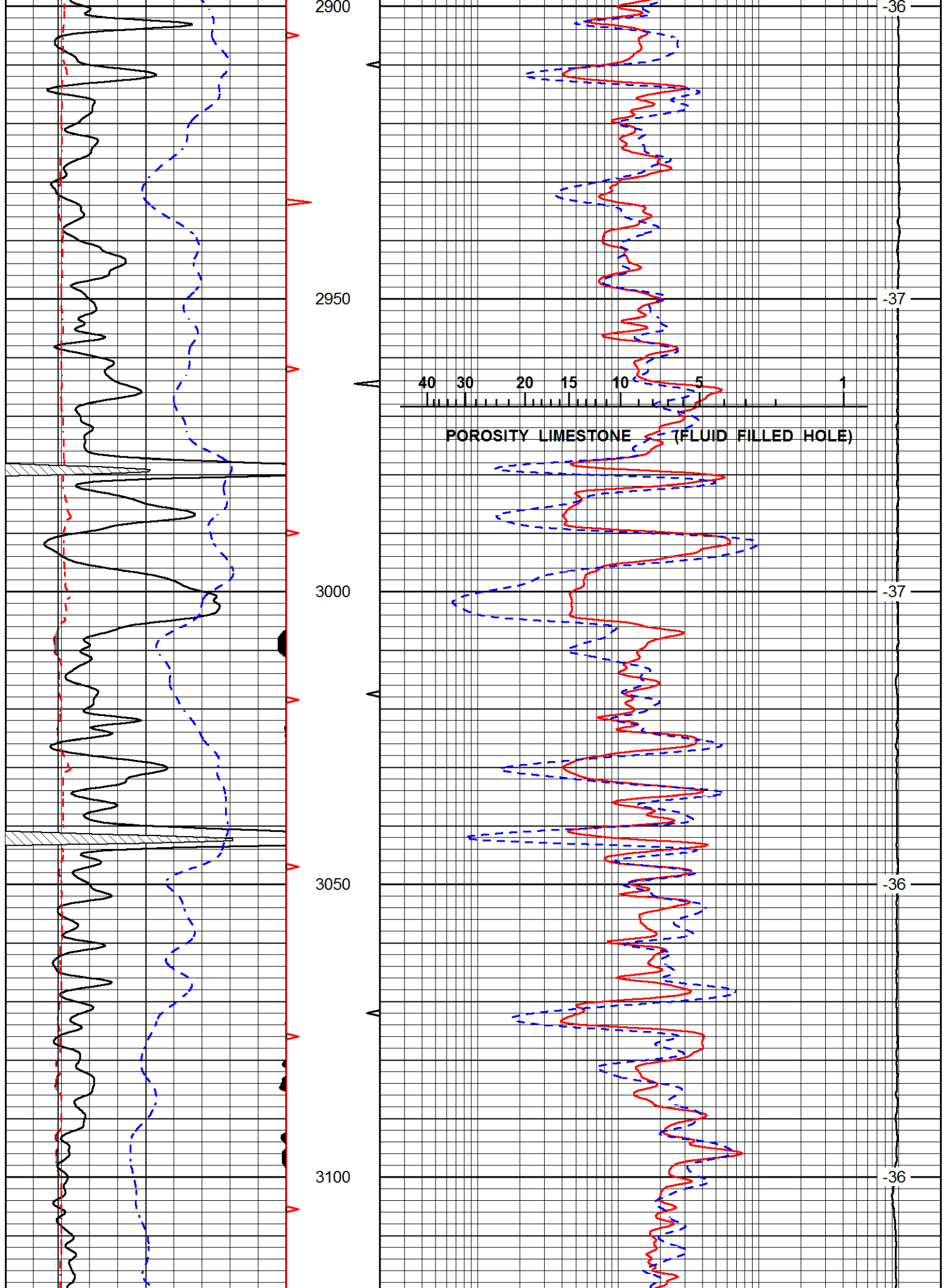


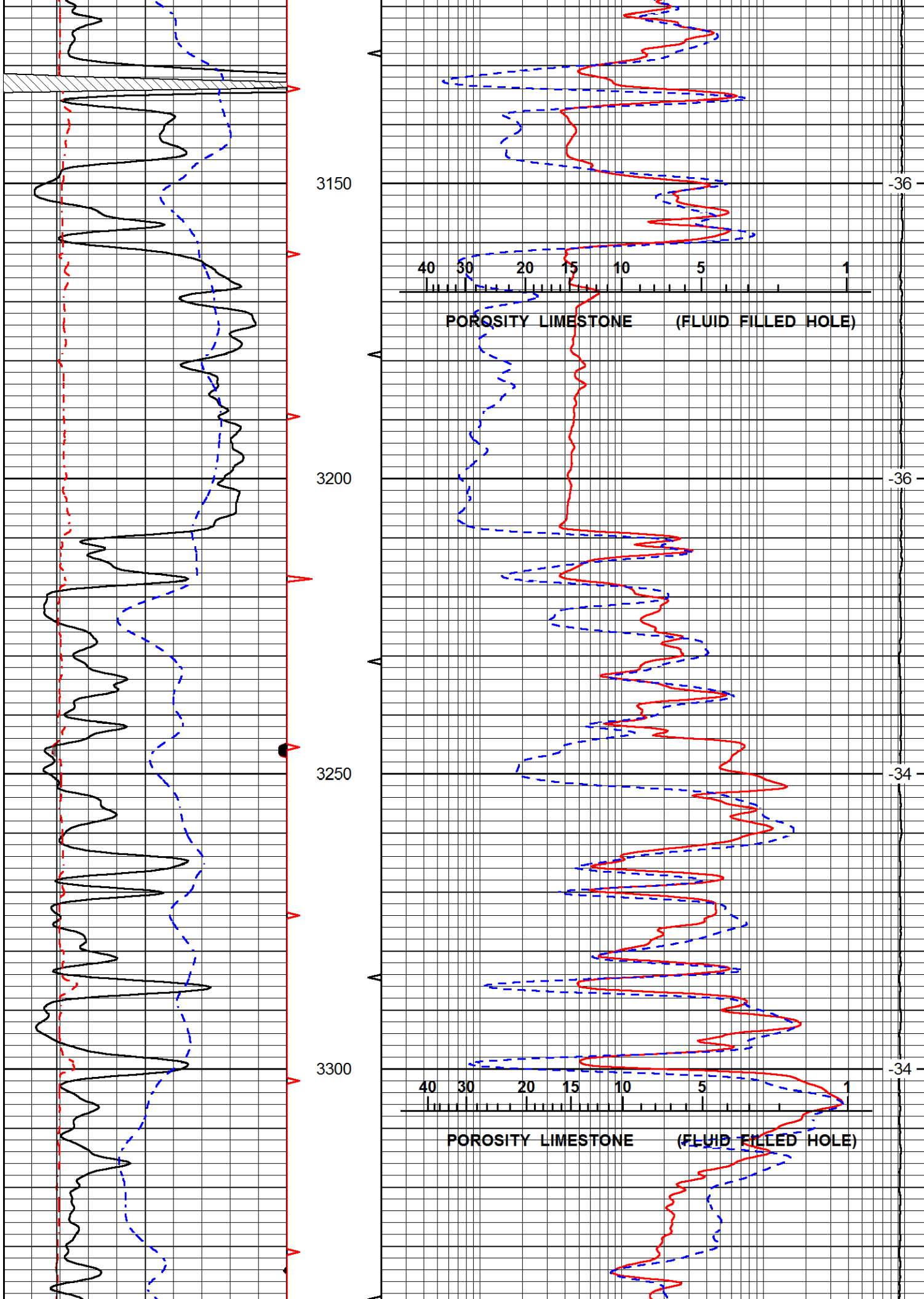


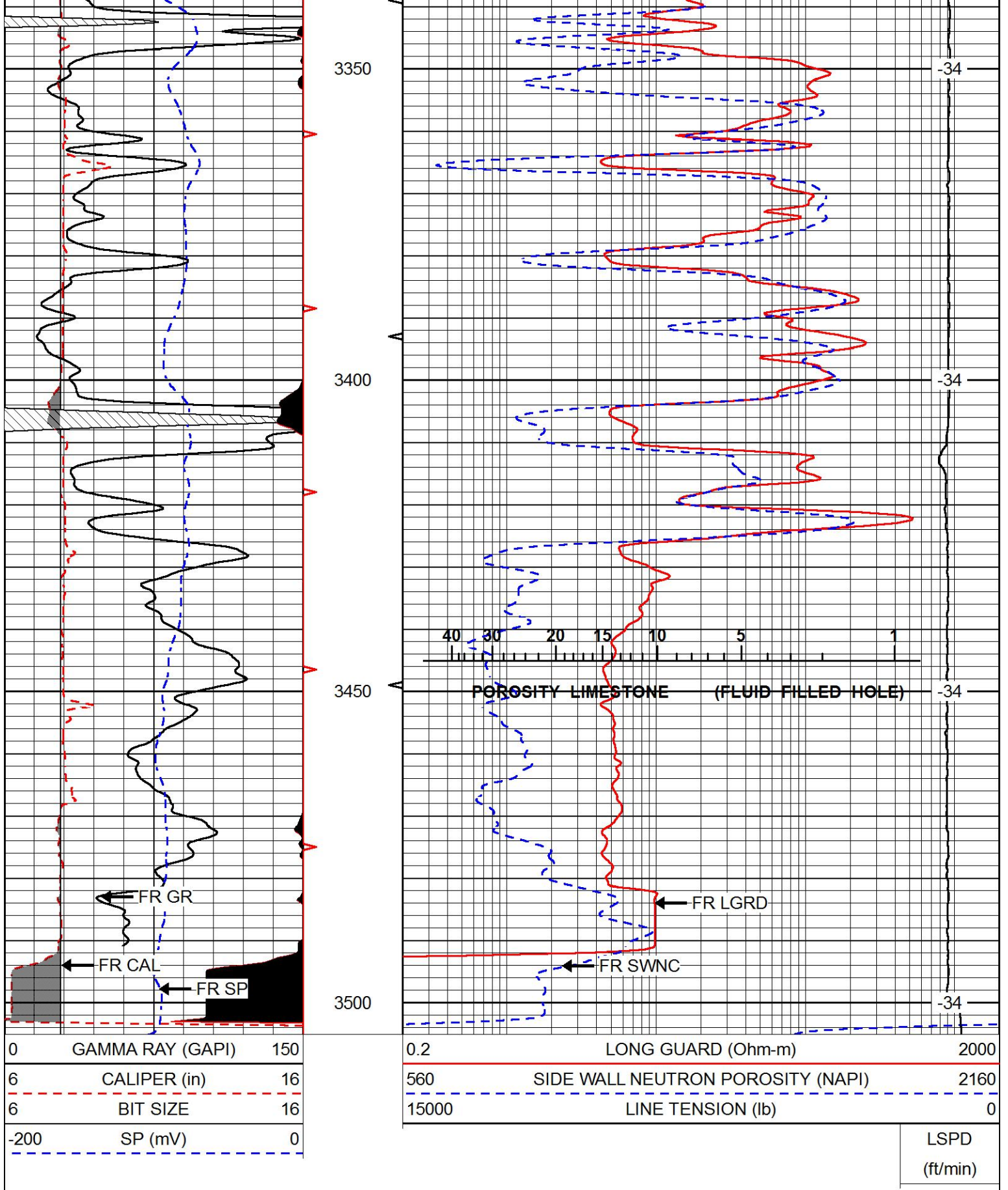
MAIN PASS

Database File bennett_schulte_jj_ney_31_1.db
 Dataset Pathname RAG/pass3.1
 Presentation Format rag
 Dataset Creation Wed Aug 09 10:27:37 2017
 Charted by Depth in Feet scaled 1:240









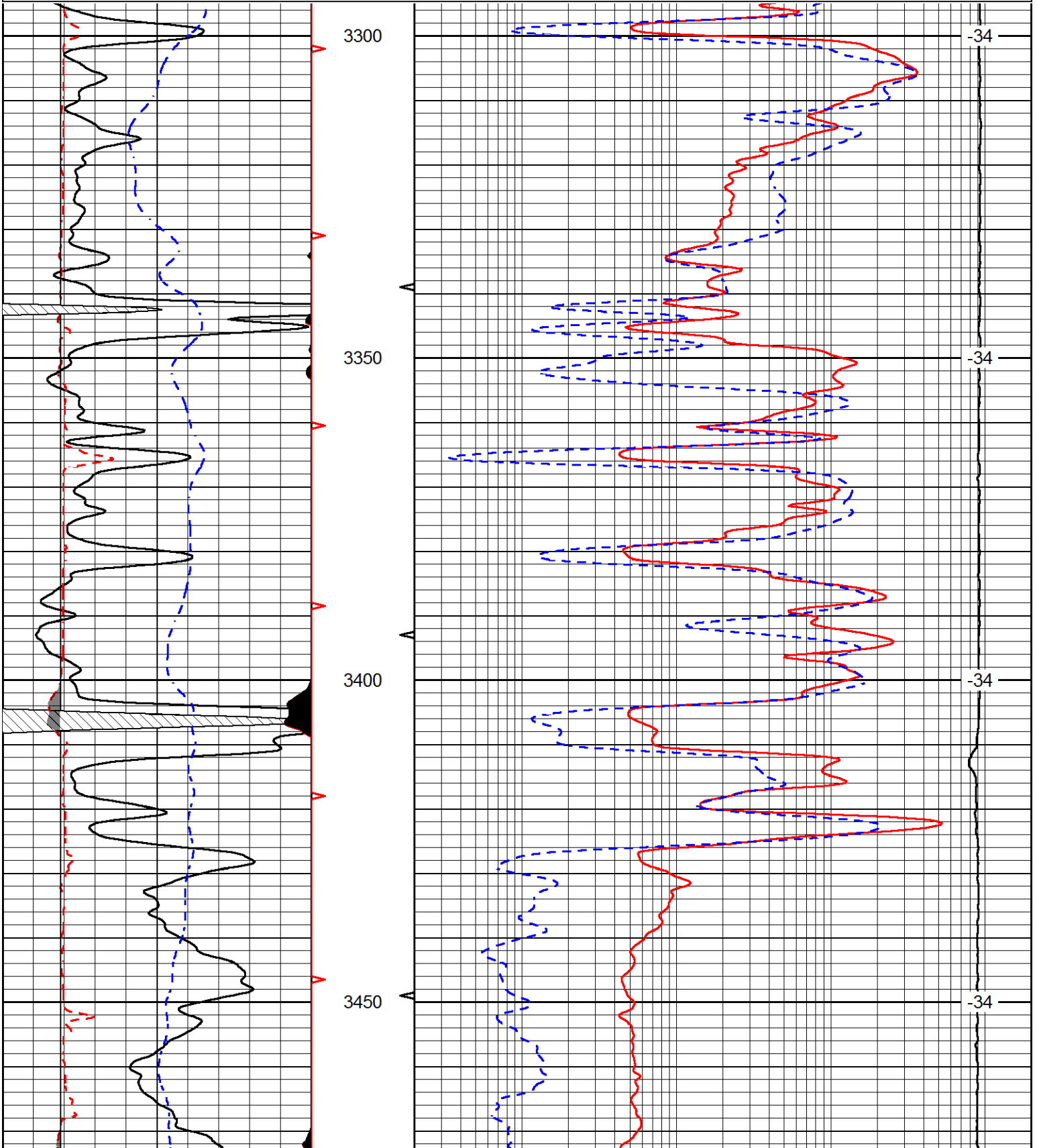
REPEAT SECTION

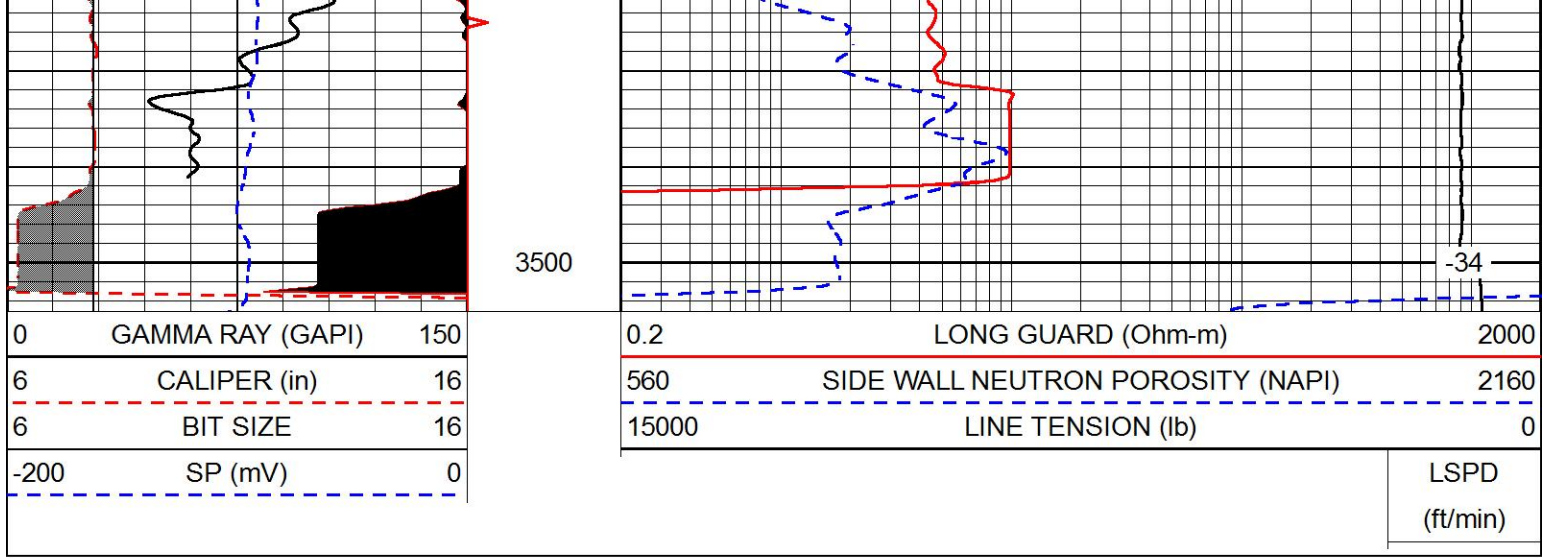
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 Presentation Format: rag
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 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150
6	CALIPER (in)	16
6	BIT SIZE	16
-200	SP (mV)	0

0.2	LONG GUARD (Ohm-m)	2000
560	SIDE WALL NEUTRON POROSITY (NAPI)	2160
15000	LINE TENSION (lb)	0

LSPD
(ft/min)





Calibration Report

Database File bennett_schulte_jj_ney_31_1.db
 Dataset Pathname RAG/pass3.1
 Dataset Creation Wed Aug 09 10:27:37 2017

Sidewall Neutron Calibration Report

Serial Number: 139-130
 Tool Model: M&W-SP

SWN Calibration Tue Aug 30 15:14:50 2016

Readings	Target	Normalization
2566.42 cps	1085.00 cps	0.3400

Caliper Calibration Tue Aug 30 15:14:50 2016

Readings	Reference	Gain	Offset
0.86	4.00	-15.40	17.15
0.26	14.00		

Gamma Ray Calibration Report

Serial Number: 89-M&W
 Tool Model: M&W
 Calibration Performed: Tue Apr 11 16:08:01 2017

Calibrator Value: 1000.0 GAPI

Background Reading: 0.0 cps
 Calibrator Reading: 6.2 cps

Sensitivity: 0.5200 GAPI/cps



Company	BENNETT & SCHULTE OIL COMPANY
Well	JJ NEY NO. 31-1
Field	BARRETT
County	BARTON
State	KANSAS



DRILL STEM TEST REPORT

Prepared For: **Bennett & Schulte Oil Co.**

PO Box 329
Russell, KS 67665

ATTN: Bob Hopkins

JJ Ney #31-1

31-16S-13W Barton,KS

Start Date: 2017.08.08 @ 14:35:53

End Date: 2017.08.08 @ 21:47:53

Job Ticket #: 63289 DST #: 1

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2017.08.09 @ 10:05:01



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Bennett & Schulte Oil Co.

31-16S-13W Barton, KS

PO Box 329
Russell, KS 67665

JJ Ney #31-1

Job Ticket: 63289

DST#: 1

ATTN: Bob Hopkins

Test Start: 2017.08.08 @ 14:35:53

GENERAL INFORMATION:

Formation: **LKC "H"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:49:53

Time Test Ended: 21:47:53

Test Type: Conventional Bottom Hole (Initial)

Tester: Brannan Lonsdale

Unit No: 73

Interval: 3340.00 ft (KB) To 3370.00 ft (KB) (TVD)

Reference Elevations: 1968.00 ft (KB)

Total Depth: 3370.00 ft (KB) (TVD)

1962.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 6.00 ft

Serial #: 6753 Outside

Press@RunDepth: 26.34 psig @ 3367.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.08.08 End Date: 2017.08.08

Last Calib.: 2017.08.08

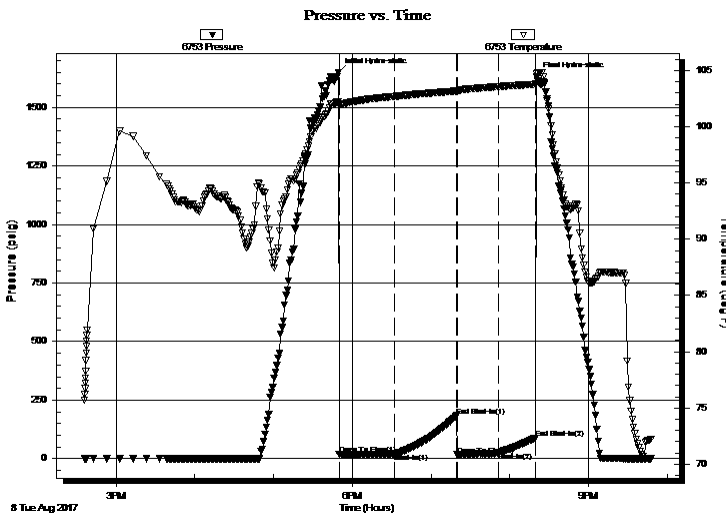
Start Time: 14:35:58 End Time: 21:47:52

Time On Btm: 2017.08.08 @ 17:49:23

Time Off Btm: 2017.08.08 @ 20:20:23

TEST COMMENT: 45- IF- Slow ly built to 7 1/2"
45- IS- No blow
45- FF- 3" surge then built slow ly to 6 1/2"
45- FS- No blow

PRESSURE SUMMARY



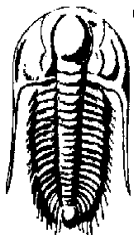
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1648.99	102.23	Initial Hydro-static
1	18.01	101.88	Open To Flow (1)
43	21.03	102.70	Shut-In(1)
90	183.37	103.17	End Shut-In(1)
91	16.78	103.14	Open To Flow (2)
122	26.34	103.57	Shut-In(2)
150	88.50	103.78	End Shut-In(2)
151	1629.48	104.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	OCM, 30%O 70%M	0.28
0.00	170 GIP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Bennett & Schulte Oil Co.

31-16S-13W Barton, KS

PO Box 329
Russell, KS 67665

JJ Ney #31-1

Job Ticket: 63289

DST#: 1

ATTN: Bob Hopkins

Test Start: 2017.08.08 @ 14:35:53

GENERAL INFORMATION:

Formation: **LKC "H"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:49:53

Time Test Ended: 21:47:53

Test Type: Conventional Bottom Hole (Initial)

Tester: Brannan Lonsdale

Unit No: 73

Interval: 3340.00 ft (KB) To 3370.00 ft (KB) (TVD)

Reference Elevations: 1968.00 ft (KB)

Total Depth: 3370.00 ft (KB) (TVD)

1962.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 6.00 ft

Serial #: 6771 Inside

Press@RunDepth: psig @ 3367.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.08.08 End Date: 2017.08.08

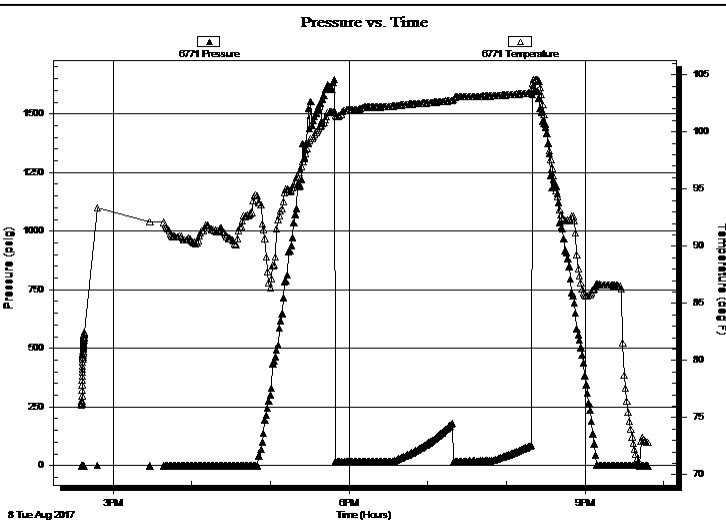
Last Calib.: 2017.08.08

Start Time: 14:35:58 End Time: 21:48:03

Time On Btm:

Time Off Btm:

TEST COMMENT: 45- IF- Slow ly built to 7 1/2"
45- IS- No blow
45- FF- 3" surge then built slow ly to 6 1/2"
45- FS- No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
20.00	OCM, 30%O 70%M	0.28
0.00	170 GIP	0.00

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Bennett & Schulte Oil Co.

31-16S-13W Barton, KS

PO Box 329
Russell, KS 67665

JJ Ney #31-1

Job Ticket: 63289

DST#: 1

ATTN: Bob Hopkins

Test Start: 2017.08.08 @ 14:35:53

Tool Information

Drill Pipe:	Length: 3325.00 ft	Diameter: 3.82 inches	Volume: 47.13 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 33000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 32000.00 lb
Depth to Top Packer:	3340.00 ft			Final 32000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	58.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3313.00	
Shut In Tool	5.00			3318.00	
Hydraulic tool	5.00			3323.00	
Jars	5.00			3328.00	
Safety Joint	3.00			3331.00	
Packer	5.00			3336.00	28.00 Bottom Of Top Packer
Packer	4.00			3340.00	
Stubb	1.00			3341.00	
Perforations	26.00			3367.00	
Recorder	0.00	6771	Inside	3367.00	
Recorder	0.00	6753	Outside	3367.00	
Bullnose	3.00			3370.00	30.00 Bottom Packers & Anchor

Total Tool Length: 58.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Bennett & Schulte Oil Co.

31-16S-13W Barton,KS

PO Box 329
Russell, KS 67665

JJ Ney #31-1

Job Ticket: 63289

DST#: 1

ATTN: Bob Hopkins

Test Start: 2017.08.08 @ 14:35:53

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

34 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	OCM, 30%O 70%M	0.284
0.00	170 GIP	0.000

Total Length: 20.00 ft Total Volume: 0.284 bbl

Num Fluid Samples: 0

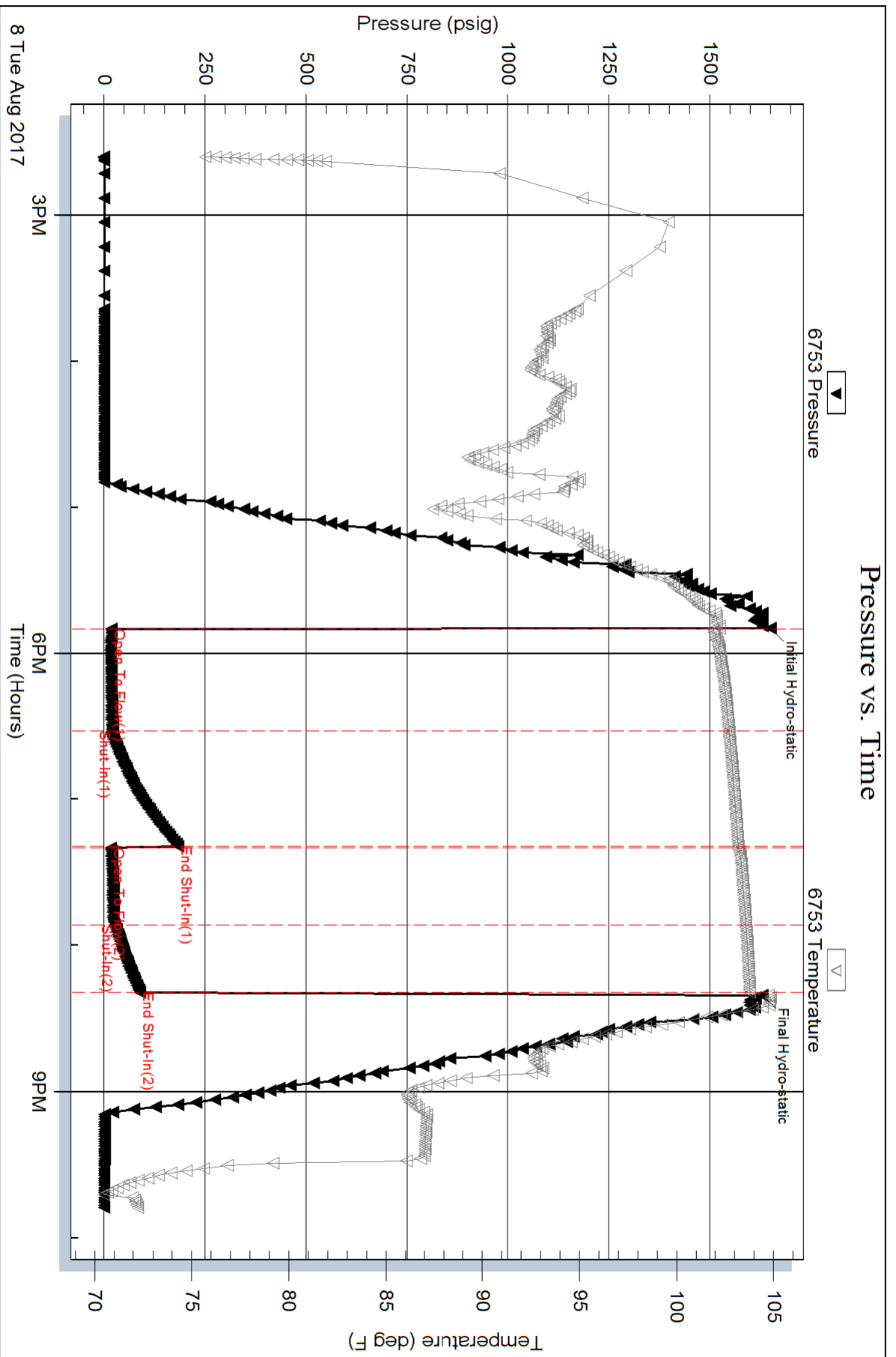
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



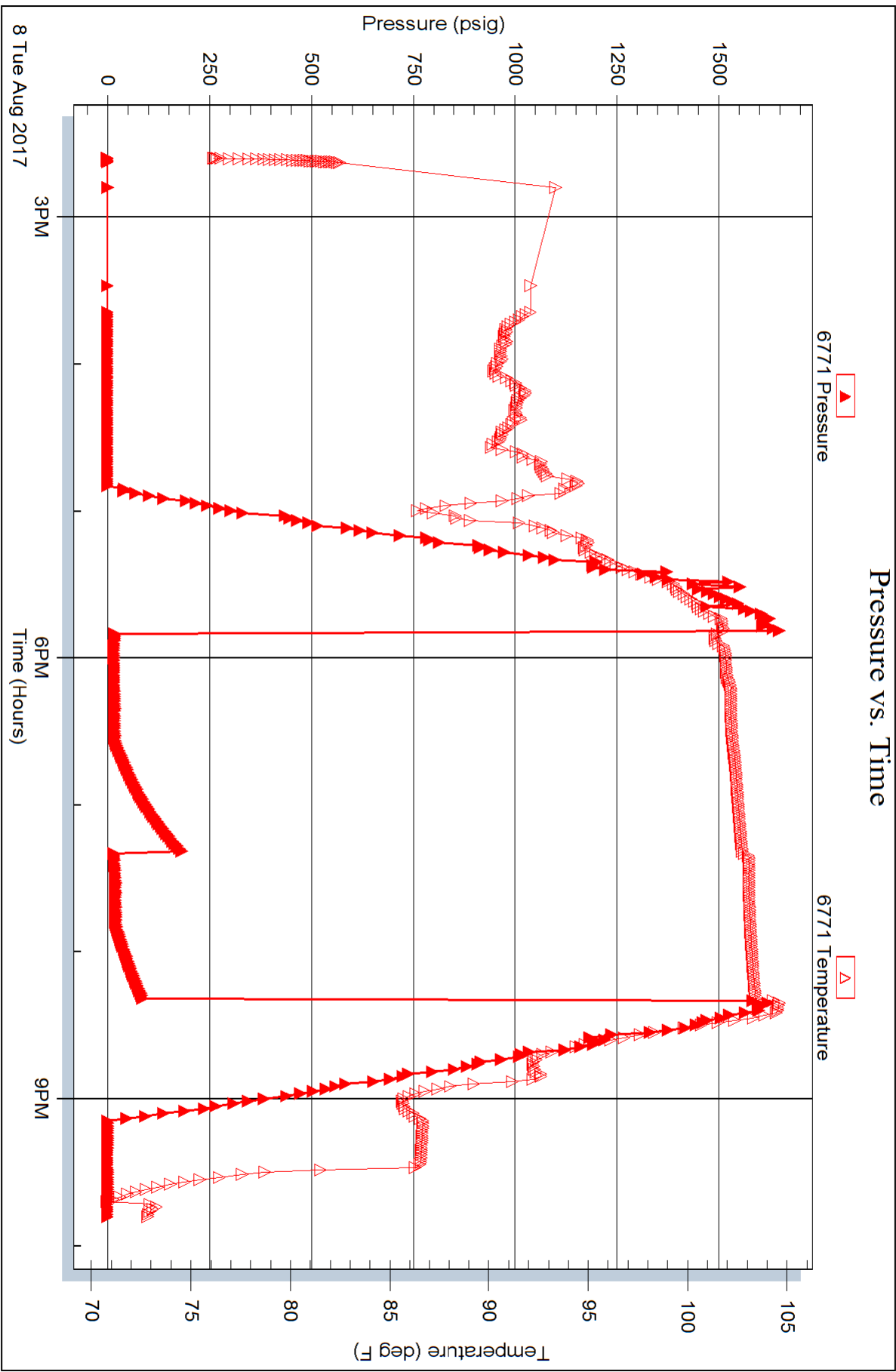
Serial #: 6771

Inside

Bennett & Schulte Oil Co.

JJ Ney #31-1

DST Test Number: 1



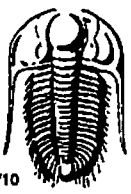
8 Tue Aug 2017

3PM

6PM

9PM

Time (Hours)



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 63289

Well Name & No. JJ Ney #31-1 Test No. 1 Date 8/8/17
 Company Bennett + Schulte Oil Co. Elevation 1968 KB 1962 GL
 Address PO Box 329 Russell, KS 67665
 Co. Rep / Geo. Bob Hopkins Rig Royal #1
 Location: Sec. 31 Twp. 16 S Rge. 13 W Co. Barber State KS

Interval Tested 3340-3370 Zone Tested LKC "H"
 Anchor Length 30' Drill Pipe Run 3325 Mud Wt. 8.9
 Top Packer Depth 3335 Drill Collars Run --- Vis 56
 Bottom Packer Depth 3340 Wt. Pipe Run --- WL 8.0
 Total Depth 3370 Chlorides 3000 ppm System LCM 1#
 Blow Description IF - slowly built to 7 1/2"
ISI - No blow
FF - 3" surge then built slowly to 6 1/2"
FST - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>OCM</u>	<u>30</u>	<u>---</u>	<u>70</u>	<u>---</u>
	<u>170' GIP</u>				

Rec Total 20' BHT 104° Gravity 34 API RW ---@ --- F Chlorides --- ppm
 (A) Initial Hydrostatic 1649 Test 1050 T-On Location 1435
 (B) First Initial Flow 18 Jars 250 T-Started 1436
 (C) First Final Flow 21 Safety Joint 75 T-Open 1750
 (D) Initial Shut-In 183 Circ Sub --- T-Pulled 2020
 (E) Second Initial Flow 17 Hourly Standby --- T-Out 2149
 (F) Second Final Flow 26 Mileage 96 RT @ Comments Tools loaded
 (G) Final Shut-In 89 Sampler 72+72 8/9 @ 1145
 (H) Final Hydrostatic 1629 Straddle ---
 Ruined Shale Packer
 Shale Packer ---
 Ruined Packer ---
 Extra Packer ---
 Extra Recorder ---
 Day Standby ---
 Accessibility ---
 Sub Total 1519 Total 1519 MP/DST Disc't ---

Approved By _____ Our Representative Brannon Lonsdale

TriLOBITE Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

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

No. 281

Date	8-4-17	Sec.	31	Twp.	16	Range	13	County	Barton	State	Ks	On Location		Finish	12:15 AM
Lease								Well No.		Location					
J.J. Noy								31-1		Stickney - 1E, 1 1/4 S, E15					
Contractor								Owner							
Royal 1								To Quality Oilwell Cementing, Inc.							
Type Job								You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.							
Surface															
Hole Size				T.D.				Charge To							
12 1/4"				517'				Bennett + schulte oil Co							
Csg.				Depth				Street							
8 5/8"				517'											
Tbg. Size				Depth				City				State			
Tool				Depth				The above was done to satisfaction and supervision of owner agent or contractor.							
Cement Left in Csg.				Shoe Joint				Cement Amount Ordered							
15'				15'				225 8 1/2 3 1/2 cc 2 1/2 bel							
Meas Line				Displace											
				32 BLS											
EQUIPMENT															
Pumptrk				Cementer				Common							
18 No.				Helper				180							
Brett								Poz. Mix							
45															
Bulktrk				Driver				Gel.							
15 No.				Jordan				4							
Bulktrk				Driver				Calcium							
p.u.				Rick				9							
JOB SERVICES & REMARKS															
Remarks:				Circulate				Hulls							
Cement did								Salt							
Rat Hole								Flowseal							
Mouse Hole								Kol-Seal							
Centralizers								Mud CLR 48							
Baskets								CFL-117 or CD110 CAF 38							
D/V or Port Collar								Sand							
								Handling 238							
								Mileage							
FLOAT EQUIPMENT															
Guide Shoe				Rubber plug											
Centralizer															
Baskets															
AFU Inserts															
Float Shoe															
Latch Down															
Pumptrk Charge				Long Surface											
Mileage				20											
Tax															
Discount															
Total Charge															
X Signature															
Doug Budig															