

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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Form	ACO1 - Well Completion
Operator	Fossil Energy, LLC
Well Name	SIMONEAU 1
Doc ID	1486188

Tops

Name	Top	Datum
Anhydrite	1599'	+413
Topeka	3006'	-994
Heeb.Sh.	3214'	-1202
Toronto	3236'	-1224
Lansing	3251'	1239'
BKc.	3454'	-1442
Arbuckle	3557'	-1545
TD	3573'	-1561



RADIATION GUARD LOG

Company FOSSIL ENERGY, LLC
 Well SIMONEAU #1
 Field WILDCAT
 County GRAHAM
 State KANSAS

Company FOSSIL ENERGY, LLC
 Well SIMONEAU #1
 Field WILDCAT
 County GRAHAM State KANSAS

Location: 412' FNL & 762' FWL
 SEC 11 TWP 8S RGE 21W
 Permanent Datum GROUND LEVEL Elevation 2004'
 Log Measured From KELLY BUSHING
 Drilling Measured From KELLY BUSHING
 Other Services NONE
 Elevation K.B. 2012', D.F. N/A, G.L. 2004'

Date	11/13/2019
Run Number	ONE
Depth Driller	3575'
Depth Logger	3573'
Bottom Logged Interval	3572'
Top Log Interval	250'
Casing Driller	8.625" @ 265'
Casing Logger	265'
Bit Size	7.875"
Type Fluid in Hole	CHEMICAL
Salinity, ppm CL	1500
Density / Viscosity	9.1 53
pH / Fluid Loss	9.5 8.0
Source of Sample	FLOWLINE
Rm @ Meas. Temp	0.80 @ 60
Rmt @ Meas. Temp	0.60 @ 60
Rmc @ Meas. Temp	1.08 @ 60
Source of Rmf / Rmc	CHARTS
Rm @ BHT	0.43 @ 112
Operating Rig Time	2 HOURS
Max Rec. Temp. F	112
Equipment Number	P-24
Location	HAYS
Recorded By	D. SCHMIDT
Witnessed By	RANDY KILIAN

<<< 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.

BOGUE,
 NORTH TO HWY 24, 1 EAST TO R RD, 2 EAST,
 SOUTH INTO

Log Measured From: KELLY BUSHING 8 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: D. SCHMIDT	Primary Witness: RANDY KILIAN
Operator:	Secondary Witness:
Operator:	Secondary Witness:
Operator:	Secondary Witness:

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GR	15.00		GR-M&W (89)	3.00	3.50	50.00
LGRD	11.00		LGRD-M&W (177) Simlec Long Guard	4.00	3.50	40.00
SCAL	5.10		SWN-M&W-SP (SP162-87)	10.50	4.00	190.00
SWN	4.45					
SP	0.20					

Dataset: fossil_simoneau 1.db: field/well/RAG/pass2.12
 Total length: 17.50 ft
 Total weight: 280.00 lb
 O.D.: 4.00 in

Log Variables

DatabaseC:\ProgramData\Warrior\Data\fossil_simoneau 1.db
 Dataset field/well/RAG/pass3.7/_vars_

Top - Bottom

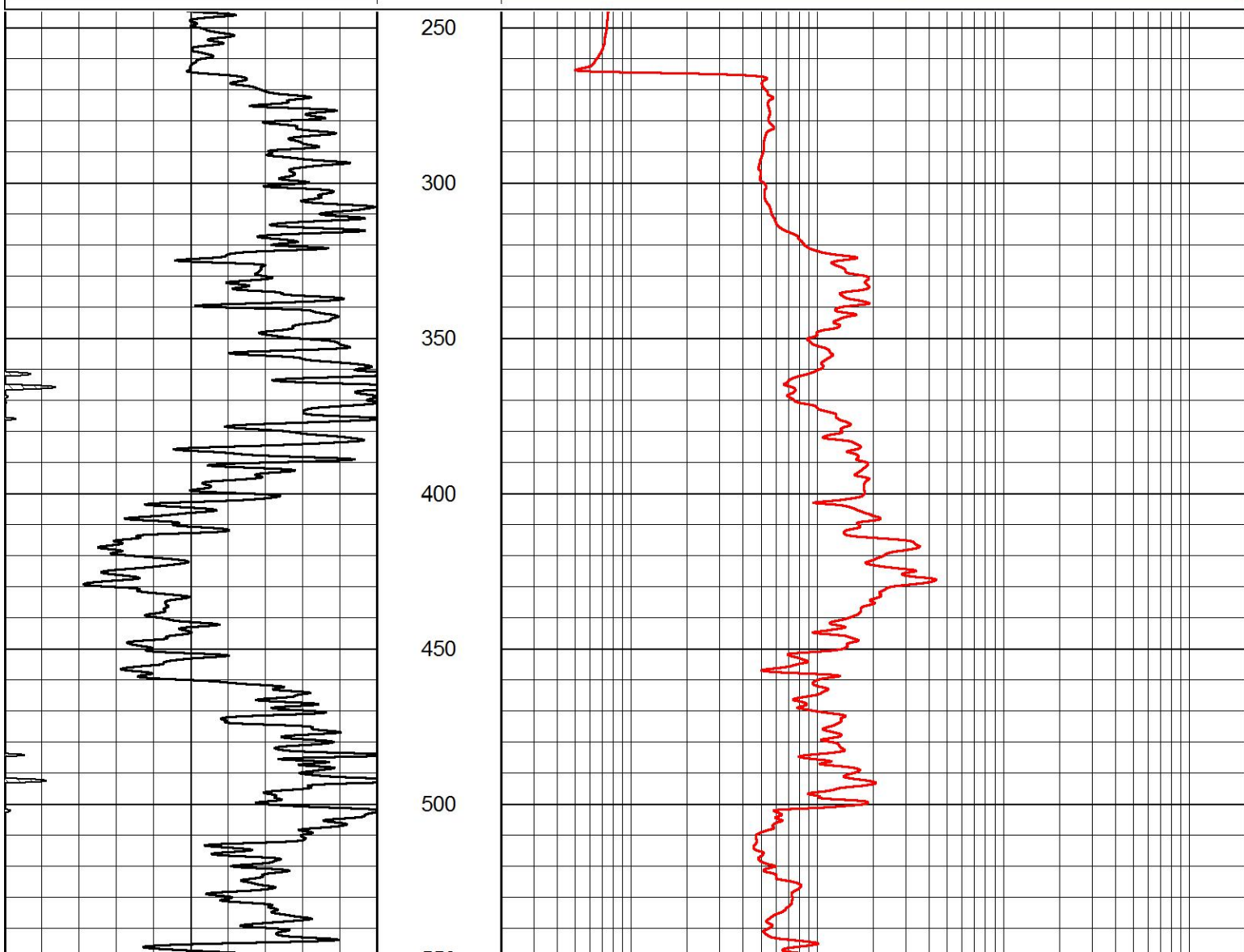
AIR_HOLE? No	BOREID in 7.875	BOTTEMP degF 100	CASEOD in 5.5	CASETHCK in 0	MudWgt lb/gal 9.5	NPORSEL Limestone	PERFS 0
SPSHIFT mV 0	SRFTEMP degF 0	TDEPTH ft 0					



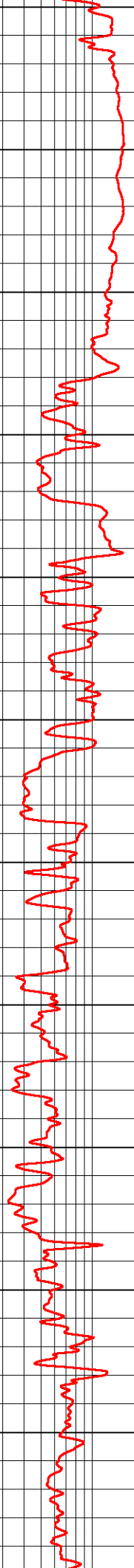
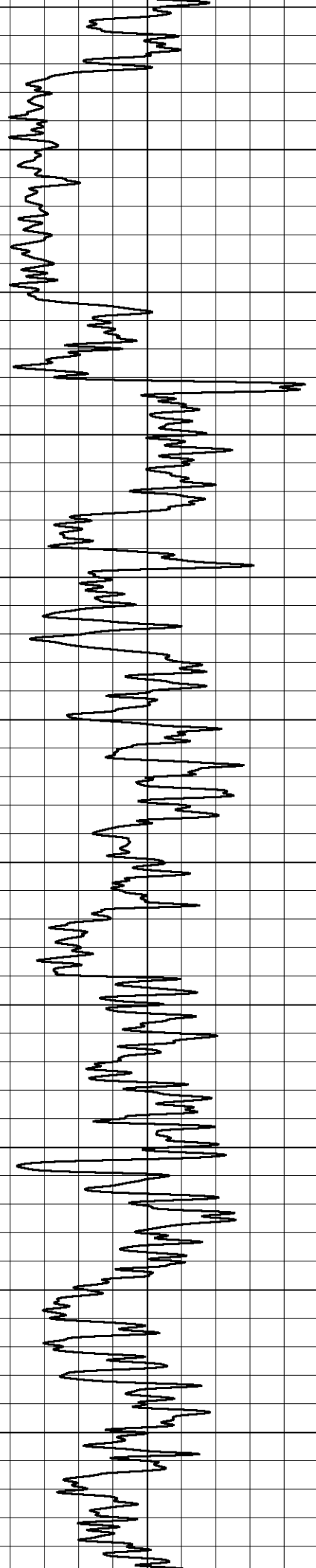
MAIN PASS

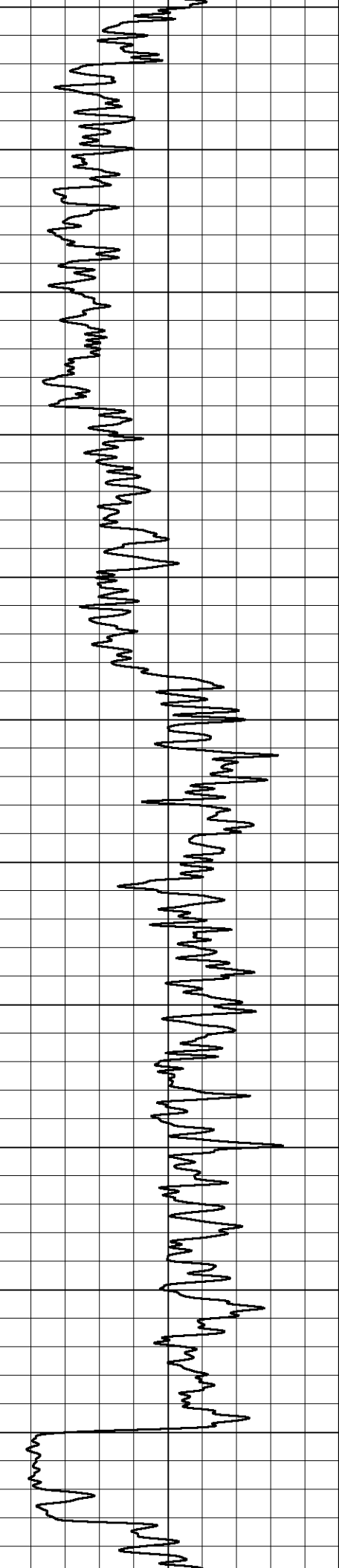
Database File fossil_simoneau 1.db
 Dataset Pathname RAG/pass4.1
 Presentation Format rag2in
 Dataset Creation Wed Nov 13 14:19:25 2019
 Charted by Depth in Feet scaled 1:600

0 GAMMA RAY (GAPI) 150 0.2 LONG GUARD (Ohm-m) 2000

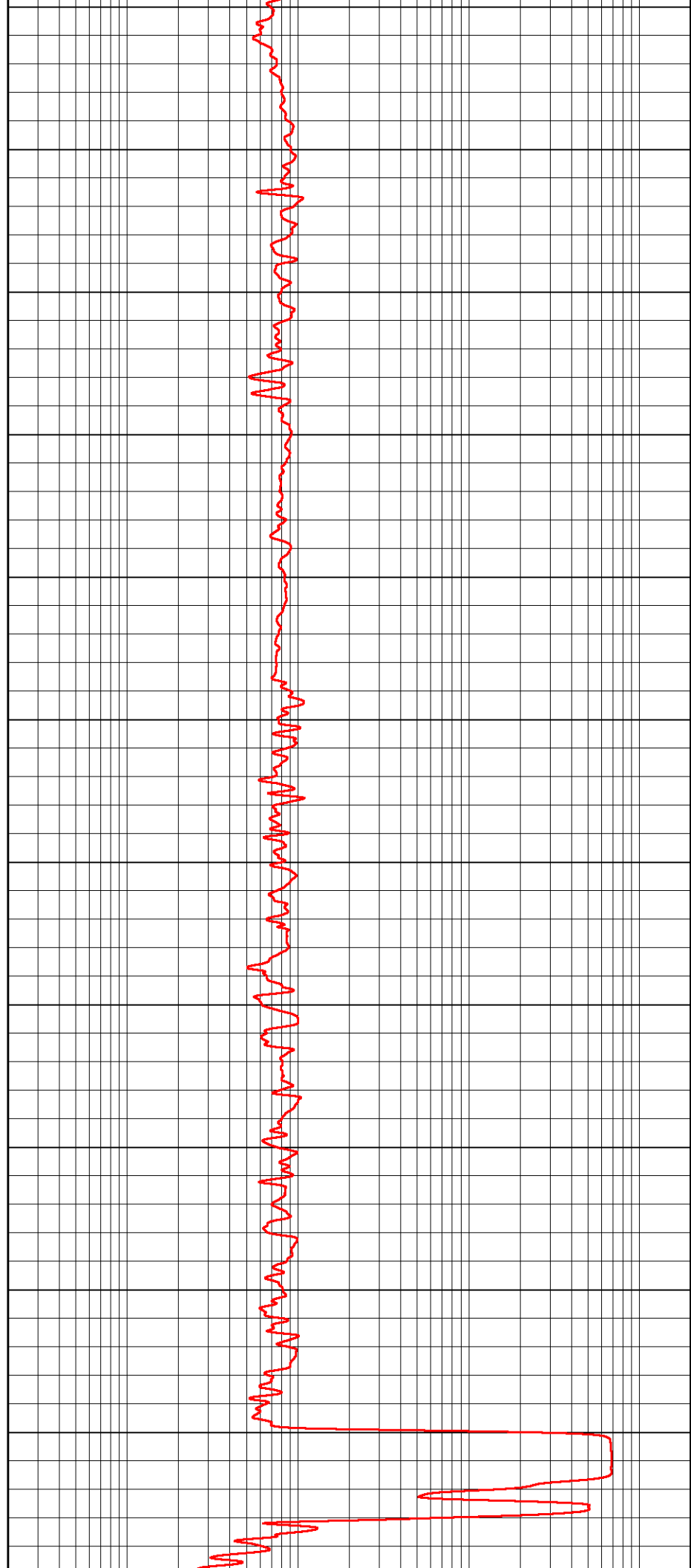


550
600
650
700
750
800
850
900
950
1000
1050

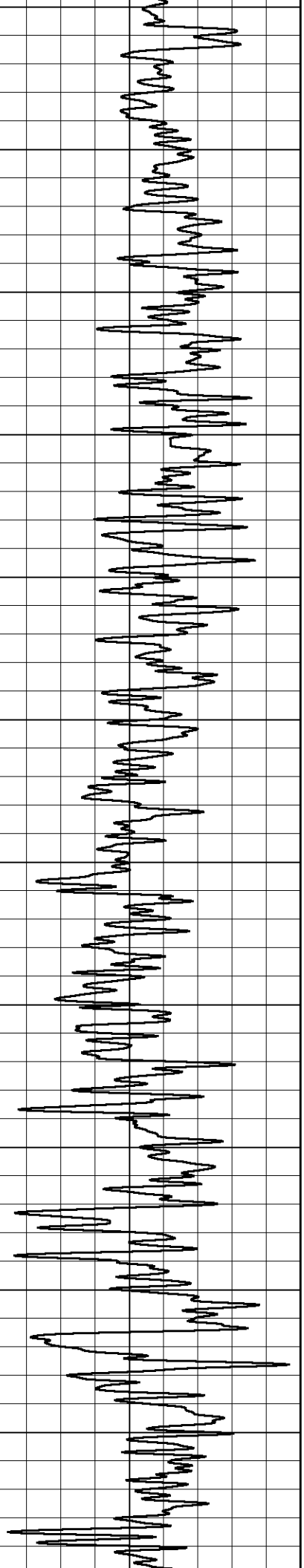


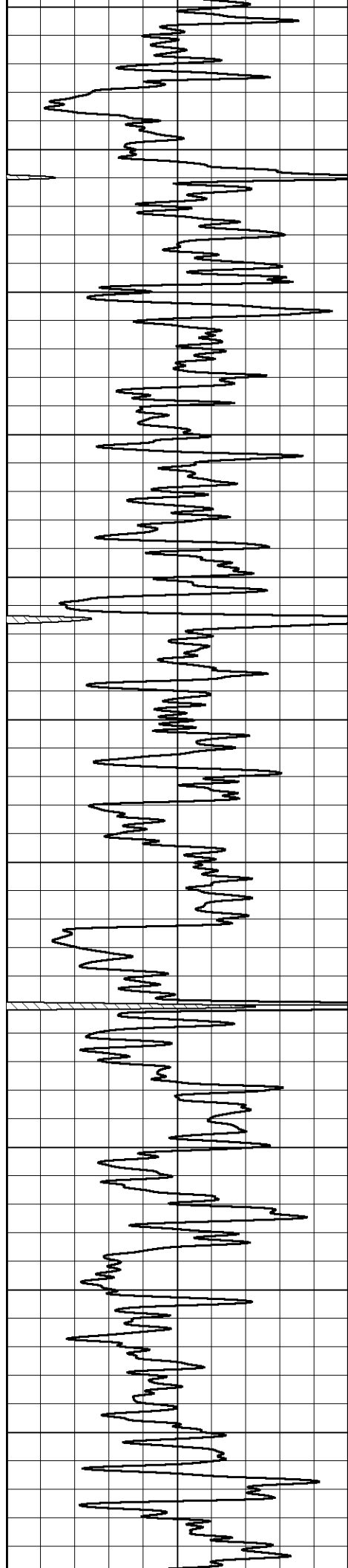


1100
1150
1200
1250
1300
1350
1400
1450
1500
1550
1600

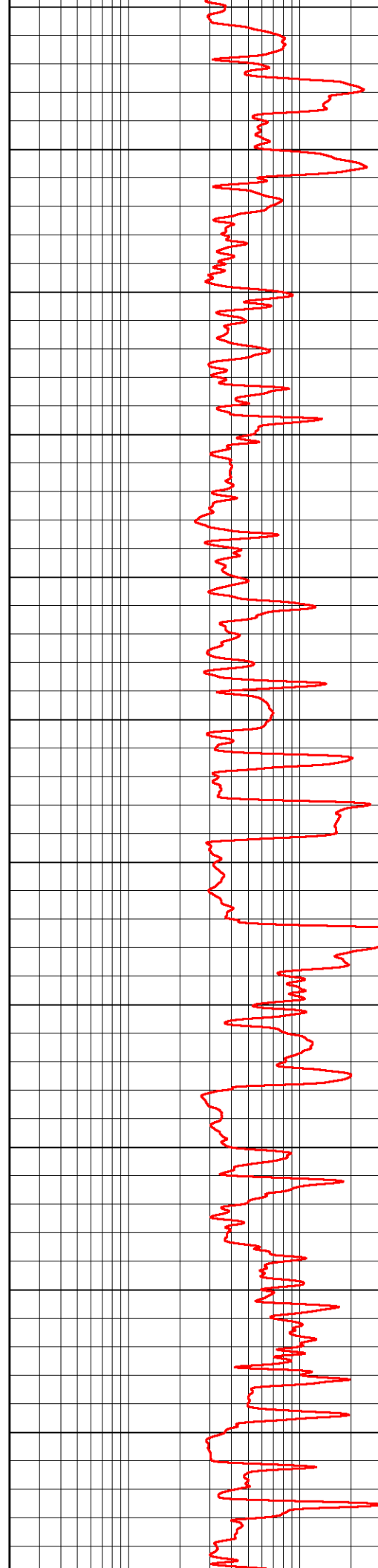


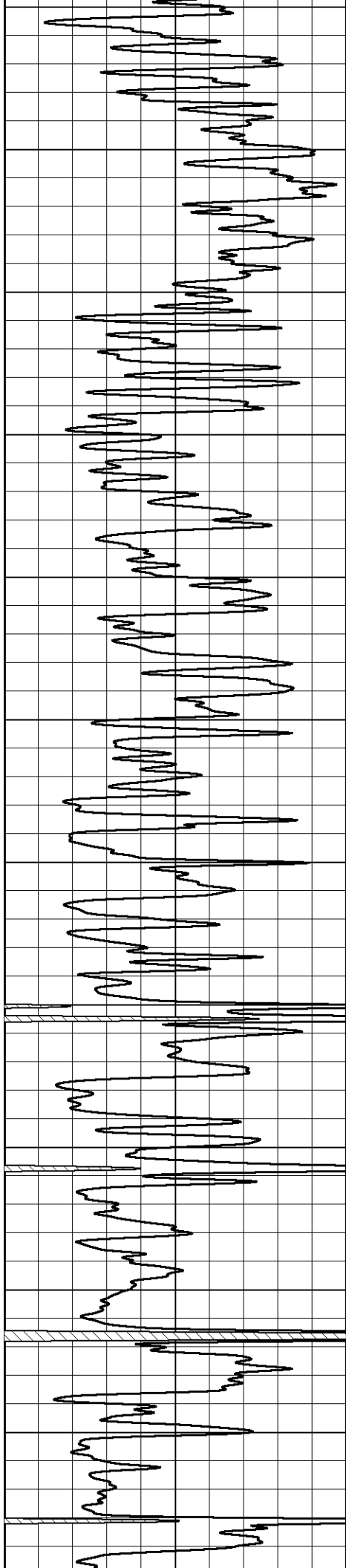
1650
1700
1750
1800
1850
1900
1950
2000
2050
2100
2150
2200



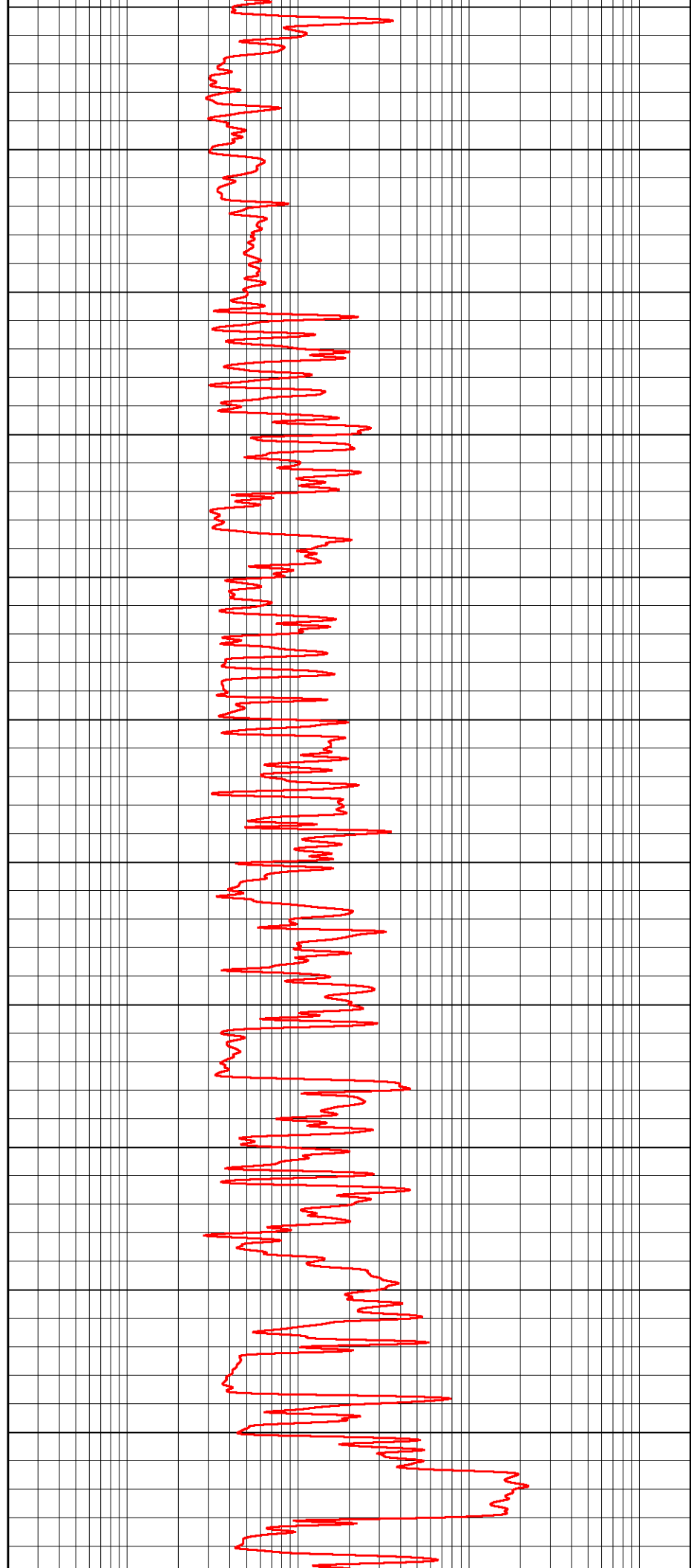


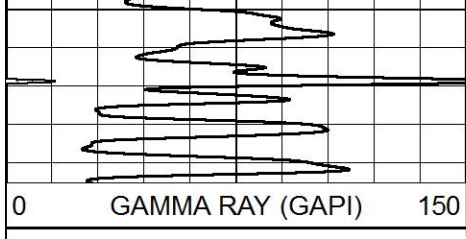
2200
2250
2300
2350
2400
2450
2500
2550
2600
2650
2700





2750
2800
2850
2900
2950
3000
3050
3100
3150
3200
3250



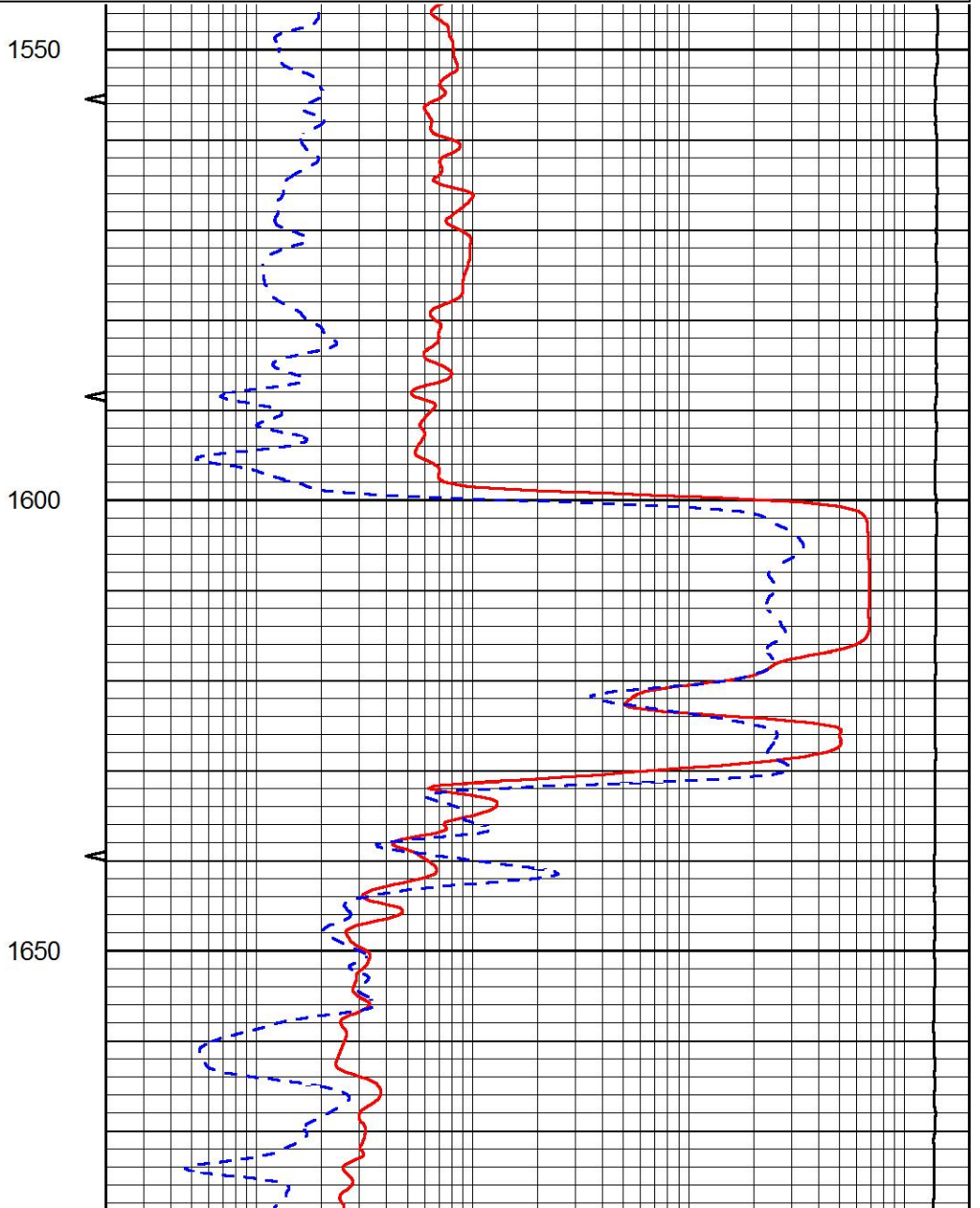
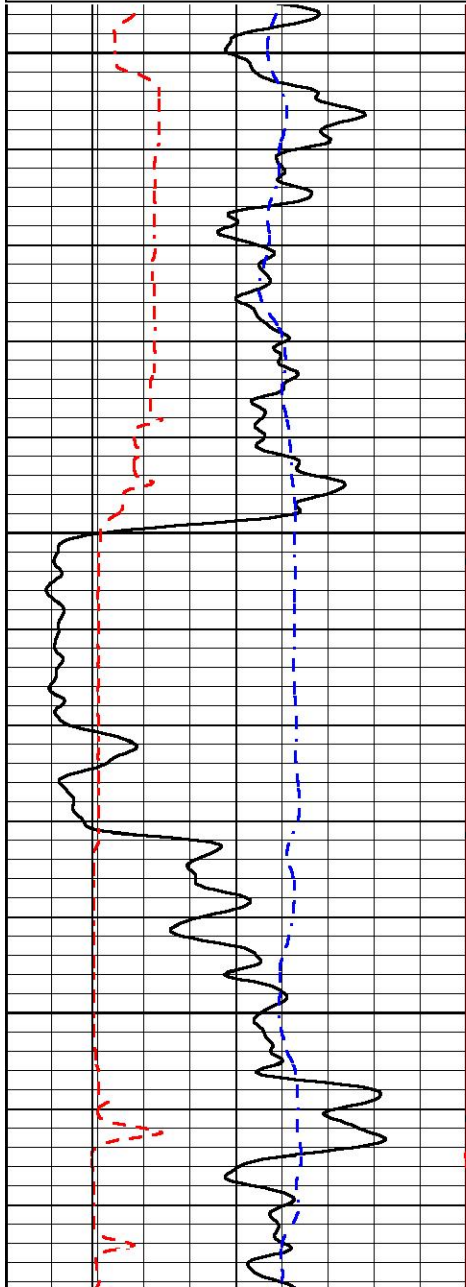


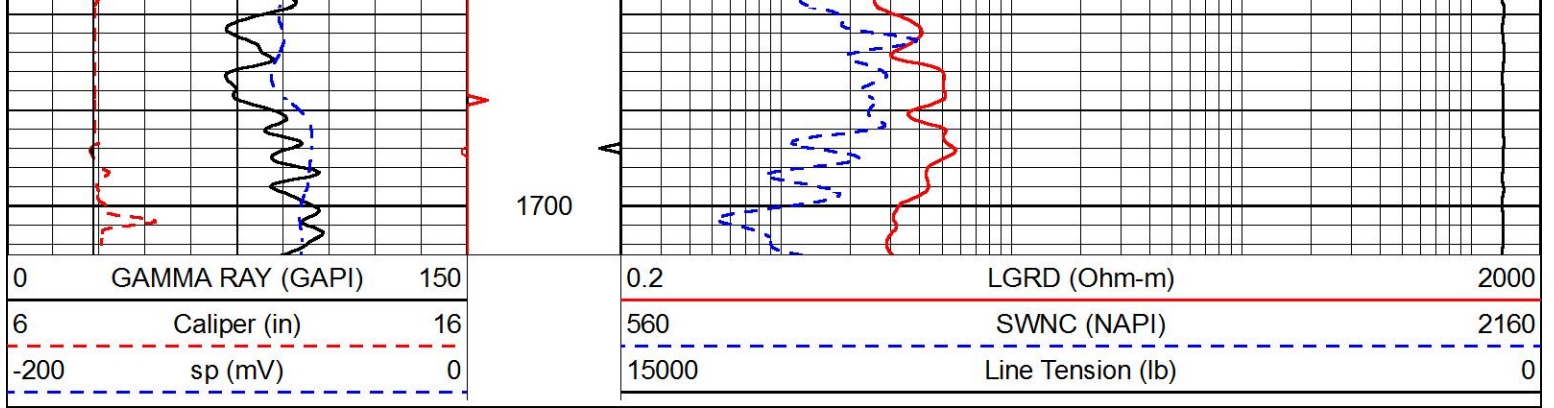
MAIN PASS

Database File fossil_simoneau 1.db
 Dataset Pathname RAG/pass4.1
 Presentation Format rag
 Dataset Creation Wed Nov 13 14:19:25 2019
 Charted by Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150
6	Caliper (in)	16
-200	sp (mV)	0

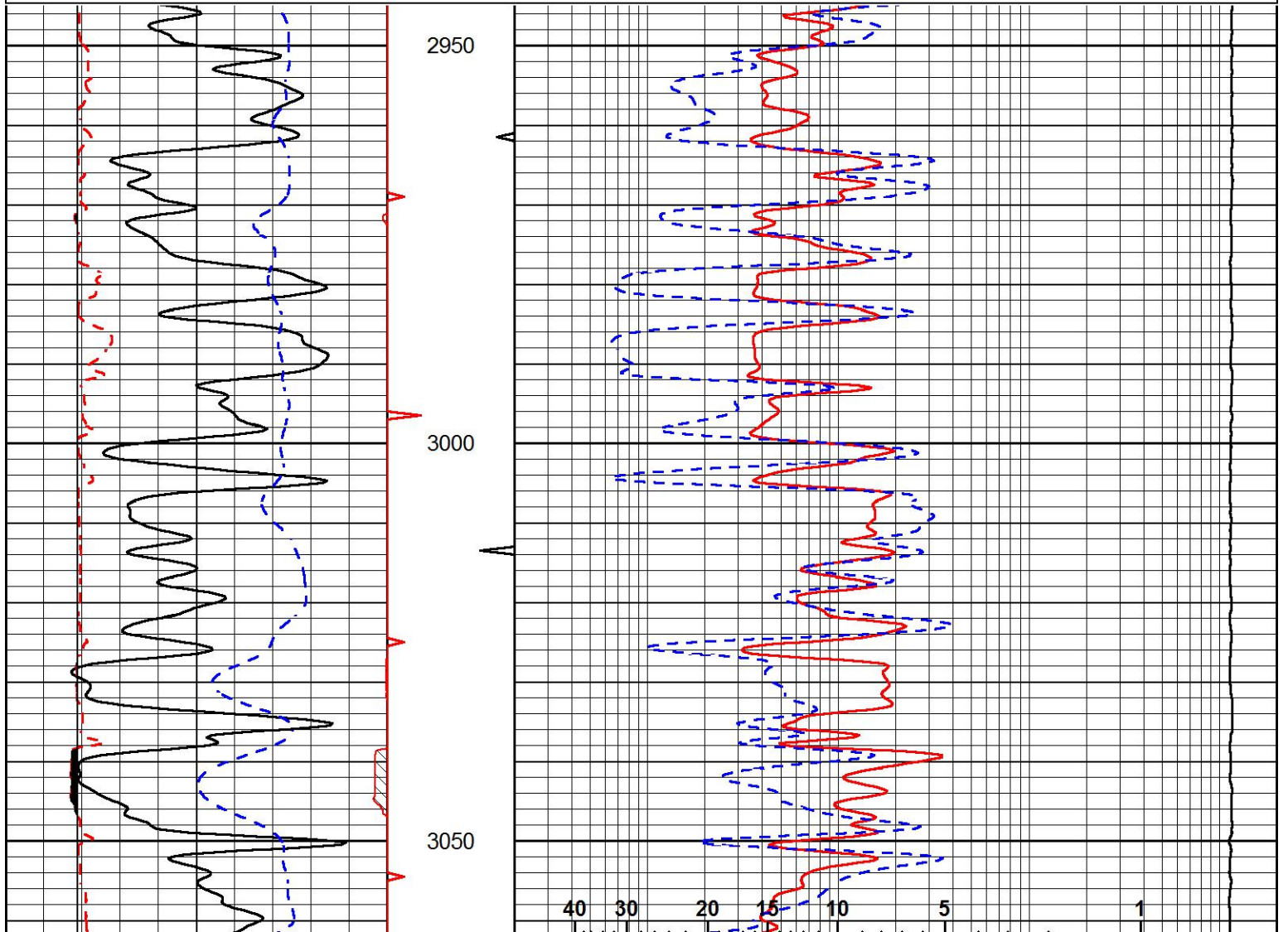
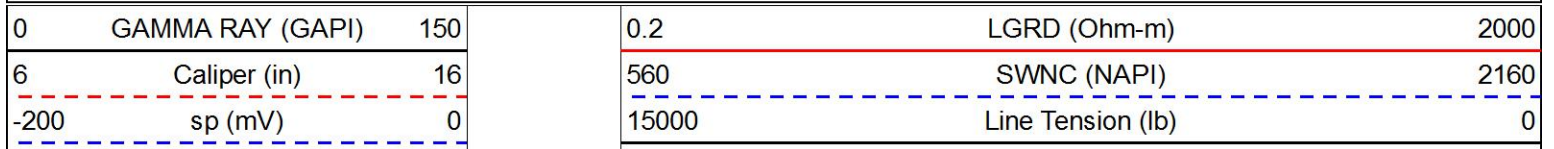
0.2	LGRD (Ohm-m)	2000
560	SWNC (NAPI)	2160
15000	Line Tension (lb)	0

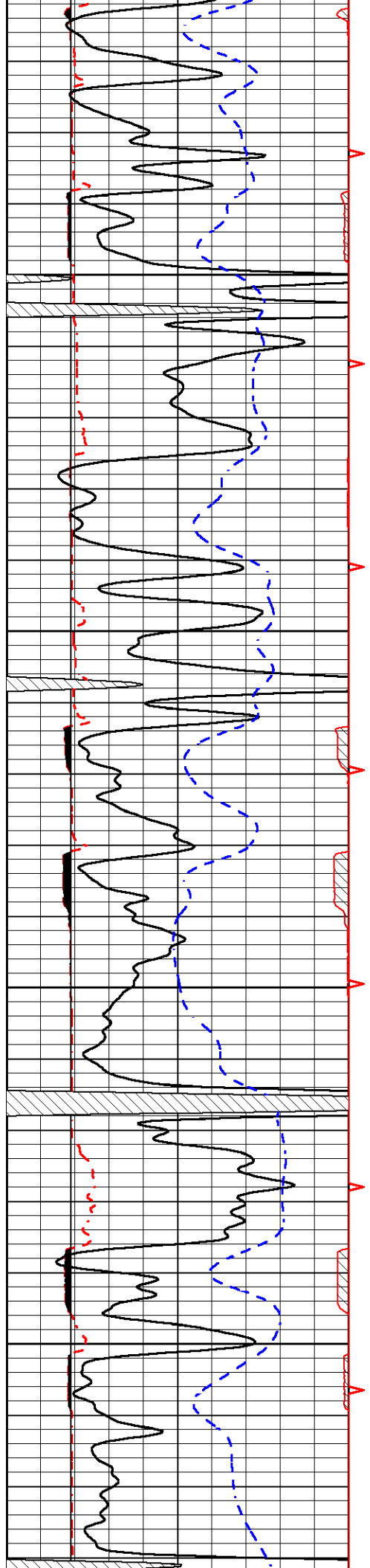




MAIN PASS

Database File fossil_simoneau 1.db
 Dataset Pathname RAG/pass3.1
 Presentation Format rag
 Dataset Creation Wed Nov 13 14:02:44 2019
 Charted by Depth in Feet scaled 1:240





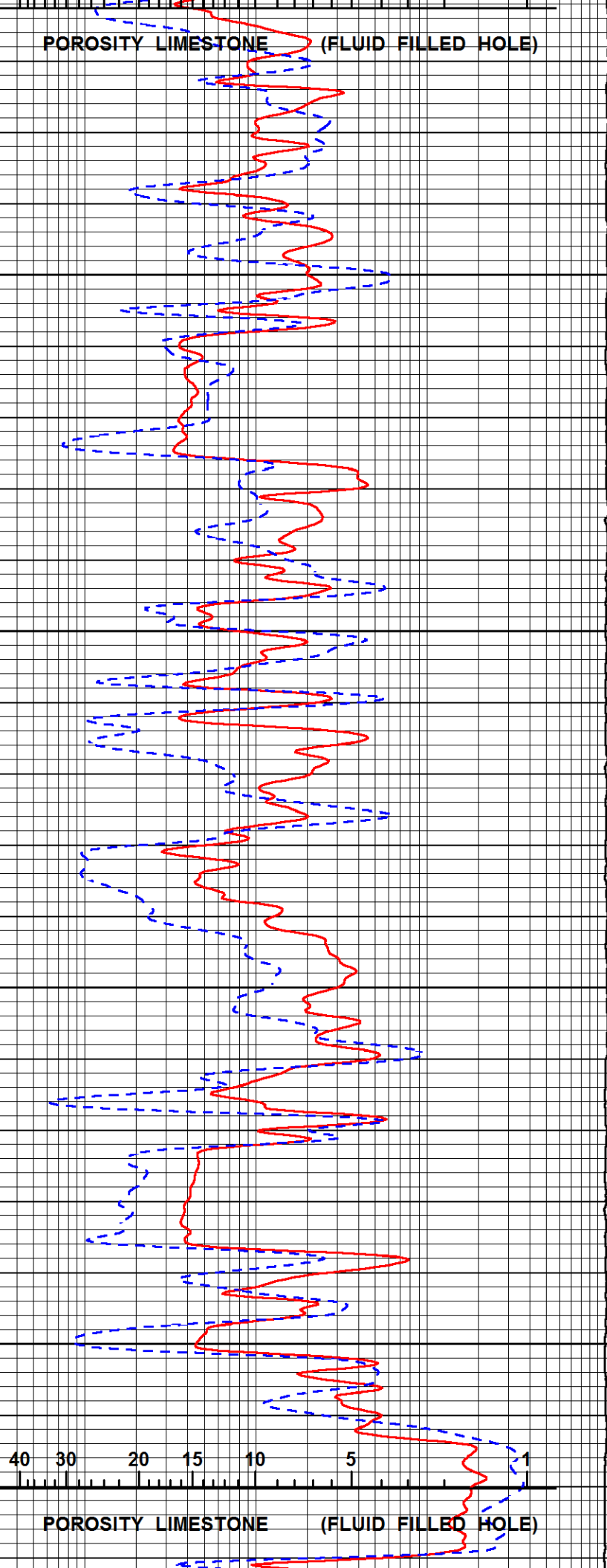
3100

3150

3200

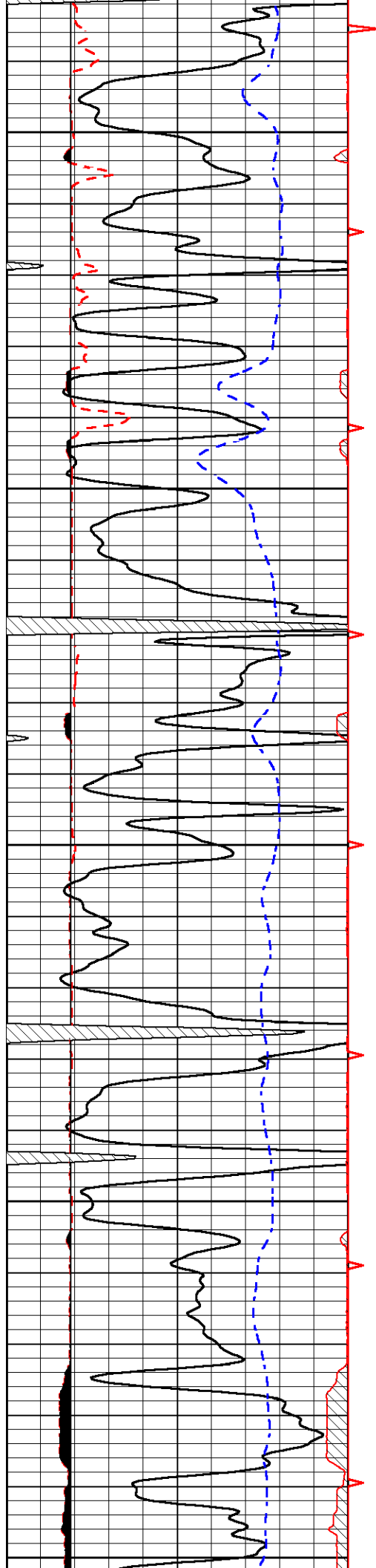
3250

POROSITY LIMESTONE (FLUID FILLED HOLE)

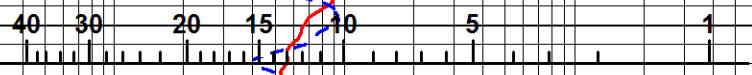
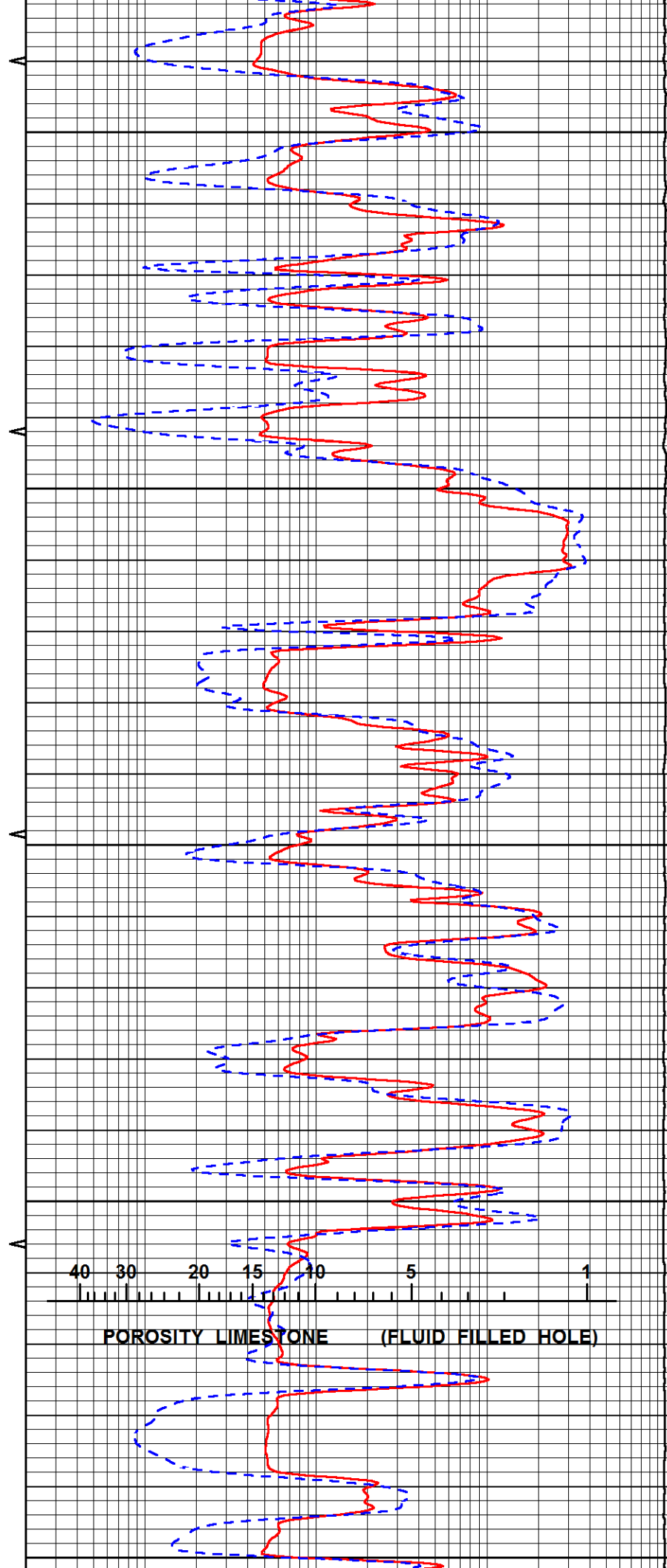


40 30 20 15 10 5 1

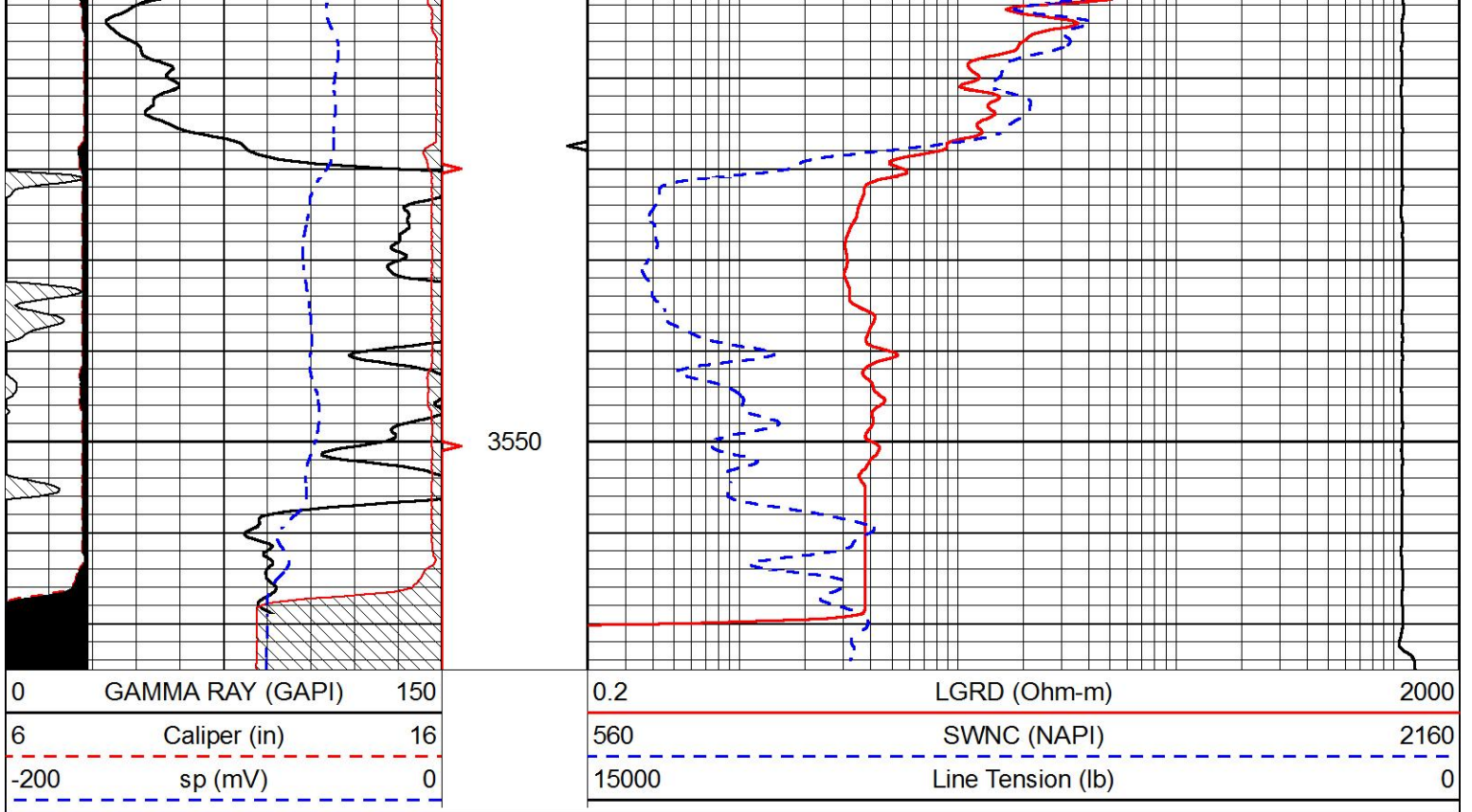
POROSITY LIMESTONE (FLUID FILLED HOLE)



3300
3350
3400
3450
3500

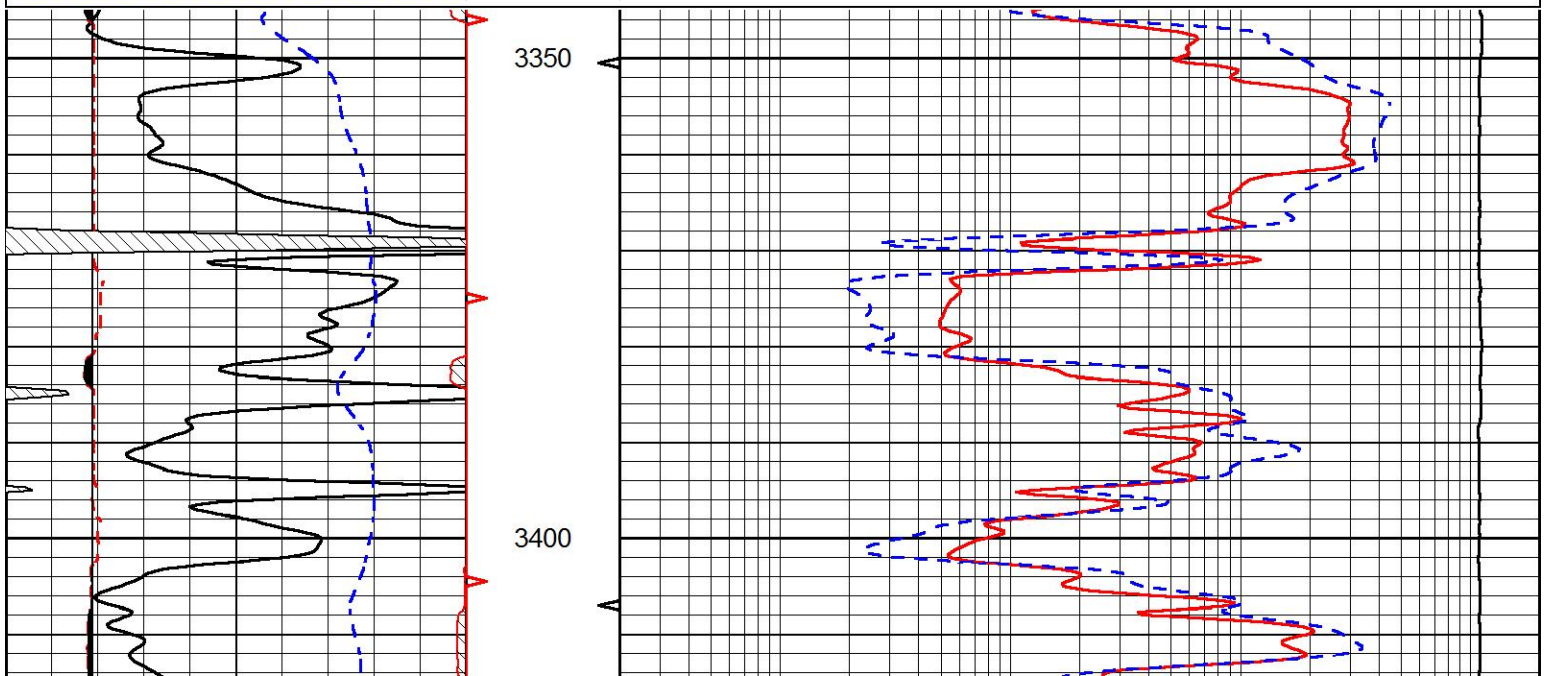


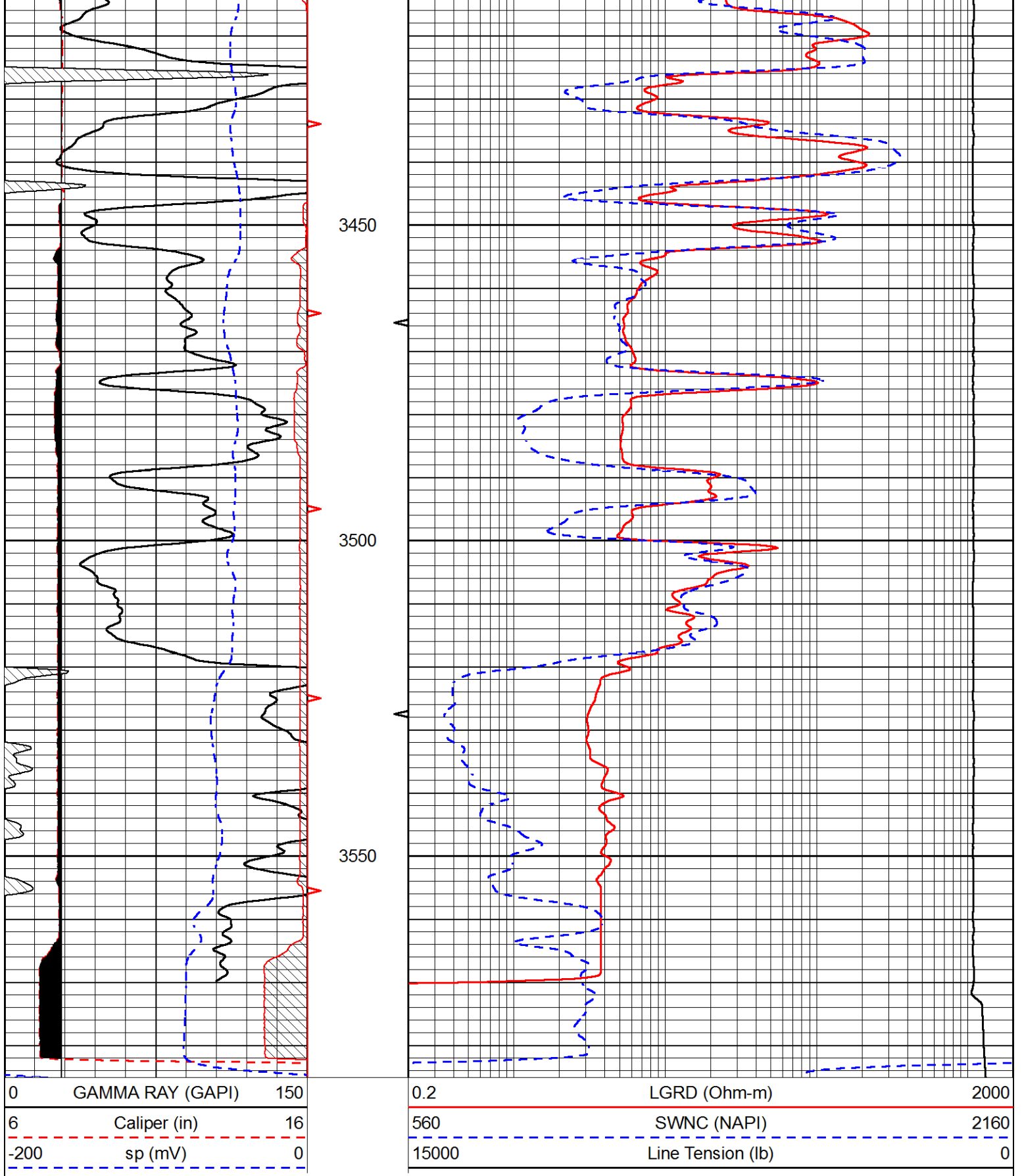
POROSITY LIMESTONE (FLUID FILLED HOLE)



REPEAT SECTION

Database File fossil_simoneau 1.db
 Dataset Pathname RAG/pass2.12
 Presentation Format rag
 Dataset Creation Wed Nov 13 13:47:45 2019
 Charted by Depth in Feet scaled 1:240





Calibration Report

Database File fossil_simoneau 1.db
 Dataset Pathname RAG/pass2.12
 Dataset Creation Wed Nov 13 13:47:45 2019

Sidewall Neutron Calibration Report

Serial Number: SP162-87

Tool Model: M&W-SP

SWN Calibration Mon Aug 08 12:41:49 2016

Readings	Target	Normalization
2566.42 cps	1085.00 cps	0.5500

Caliper Calibration Mon Aug 08 12:41:49 2016

Readings	Reference	Gain	Offset
0.86	4.00	-18.31	18.40
0.31	14.00		

Gamma Ray Calibration Report

Serial Number:	89	
Tool Model:	M&W	
Calibration Performed:	Fri Aug 24 11:16:10 2018	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.6000	GAPI/cps



PIONEER
Pioneer Energy Services

Company	FOSSIL ENERGY, LLC
Well	SIMONEAU #1
Field	WILDCAT
County	GRAHAM
State	KANSAS

Randall Kilian Corporation

Geologist



**Certified Petroleum
Geologist #3351
License #224**

3951 Eveningglow Way
Castle Rock, CO 80104
Phone: 720-733-0420
Cell: 785-635-1349

E-mail: rkgeo53@hotmail.com

GEOLOGIST'S WELL REPORT

COMPANY FOSSIL ENERGY, LLC (34992)

WELL Simoneau #1

FIELD Wildcat

LOCATION (legal) SW NE NW NW

(footages) 412' FNL & 762' FWL

Section 11 TWP 8S RGE 21W

(Map) 1 mi S & 1 mi W of Nic

COUNTY Graham STATE Kansas

ELEVATION: 2012' K.B., 2004' G.L.

Depths measured from Kelly Bushing

A. P. I. NUMBER 15-065-24176

GEOLOGY BY Randall Kilian

PERTINENT WELL DATA

CONTRACTOR Discovery Drilling (31548)

RIG #4 HYDRAULICS D-375 6x14x60
(Galen Gaschler TP)

DRILL PIPE 4½" XH COLLARS 6½" 17 (515')

CASING: SURFACE 8 5/8" @ 265' w/ 175 Sx 60/40 Po

PRODUCTION None

DRILLING FLUID. COMPANY Andy's Mud & Chemical Co.
(Aaron Blew)

TYPE: Chemical-Pac

REMARKS: Full service

DRILL STEM TESTS: COMPANY Diamond Testing LLC
(Kevin Mack)

NUMBER OF TESTS Two (2)

ELECTIC LOGS: COMPANY Pioneer Energy Services

DETAIL (5") 2950' - RTD

TYPE RAG

DRILLING TIME FROM 2950' TO RTD

SAMPLE TIME FROM 2950' TO RTD

SUPERVISION FROM 2950' TO RTD

VERTICAL DEVIATION 1° @ 265', 3/4° @ 2932',

PLUGGING REPORT 50 sx @ 355', 50 @ 1625', 100 @ 800', 50 @ 325'
10 @ 40', 30 Pat, 15 Mouse, 305 sx 60/40 Poz 4% gel, 1/4# FS

RESERVE PIT 700 bbls., Chl. 28,000 Ca. 540

DAILY REPORT

DATE:	7 a.m.	Depth	RIG ACTIVITY
11-07-2019			MIRU
11-08-2019			Spud
11-09-2019		635'	DUS
11-10-2019		2305'	Drilling shale & lime
11-11-2019		3095'	Drilling Topeka lime
11-12-2019		3320'	DST #1 LKc C-D
11-13-2019		3545'	Drilling Arbuckle
11-14-2019		3575'	TD, Logged, P&A

DRILL STEM TESTS

NO	INTERVAL	IFP/TIME	ISIP/TIME	FFP/TIME	FSIP/TIME	IHP/FHP	RECOVERY
1	LKc C-D 3277- 3320'	16# 16# 5"	208# 60"	17# 17# 30"	40# 30"	1543# 1516#	3' Mud w/ oil
2	LKc E-F 3318- 3342'	16# 31# 5"	498# 60"	34# 76# 45"	467# 60"	1561# 1545#	128' M,Wtr
3							
4							
5							
6							
7							
8							

MUD RECORD								Displaced
CHK	DEPTH	WT	VIS	FIL	CHL	YP		
1	2900'							
2	2910'	8.5	64					
3	3027'	8.5	60					
4	3105'	8.5	59					
5	3166'	8.7	51	6.81	250	11		LCM 3#
6	3260'	8.8	55					
7	3320'	8.9	51	7.21	1500	12		LCM 2#
8	3395'	8.7	51					
9	3530'	8.7	49					
10	3575'	9.1	53	8.0	1500	14		LCM 1#
11								

BIT RECORD						
NO	SIZE	MAKE	TYPE	DEPTHOUT	FEET	HOURS
1	12 1/4"	JZ	HA10TC	265'	265'	4 3/4
2	7 7/8"	HTCo	DP506	2932'	2667'	28
3	7 7/8"	HTCo	GX20C	3575'	643'	28 1/2
4						
5						
6						

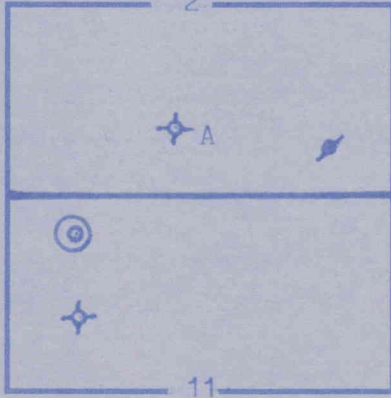
FORMATION TOPS & STRUCTURAL GEOLOGY

R 21 W

2

REFERRED TO:

T
8
S



A: BAIRD OIL CO., LLC
#1-2 Nutsch-Benoit, NE NE SE 9

B: _____

C: _____

D: _____

E: _____

STRATIGRAPHIC

SUBJECT WELL

STRUCTURAL POS

<u>MARKERS</u>	<u>SAMPLES</u>	<u>E. LOGS</u>	<u>DATUM</u>	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>
Anhydrite	1596'	1599'	+ 413	+ 419			
Base	1630'	1632'	+ 380	+ 386			
Topeka	3006'	3006'	- 994	- 988			
Heeb. Sh.	3213'	3214'	-1202	-1194			
Toronto	3236'	3236'	-1224	-1216			
Lansing	3252'	3251'	-1239	-1231			
BKc.	3455'	3454'	-1442	-1434			
Arbuckle	3556'	3557'	-1545	-1529			
TD	3575'	3573'	-1561	-1546			

*Structural position of subject well as compared to referre

7
8

OGY

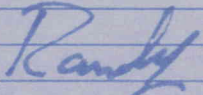
SUMMARY

The Simoneau #1 well was drilled with Discovery Drilling tools rig #4 beginning 11-07-2019 and drilling was completed 11-14-2019.

The drill site was located via a 3-D seismic survey. The well ran high structurally to the dry hole south-east of the drill site. However, the LKc C zone did not develop reservoir quality and the LKc F zone did not trap oil.

Based upon all data, the well was plugged as a dry hole.

Respectfully,



Randall Kilian

REMARKS

LITHOLOGY (LAGGED)

POOR
FAIR
GOOD
DST

DRILLING TIME (min/ft)

1/2 1 2 3 4 5678910

ANH.

L2

ION

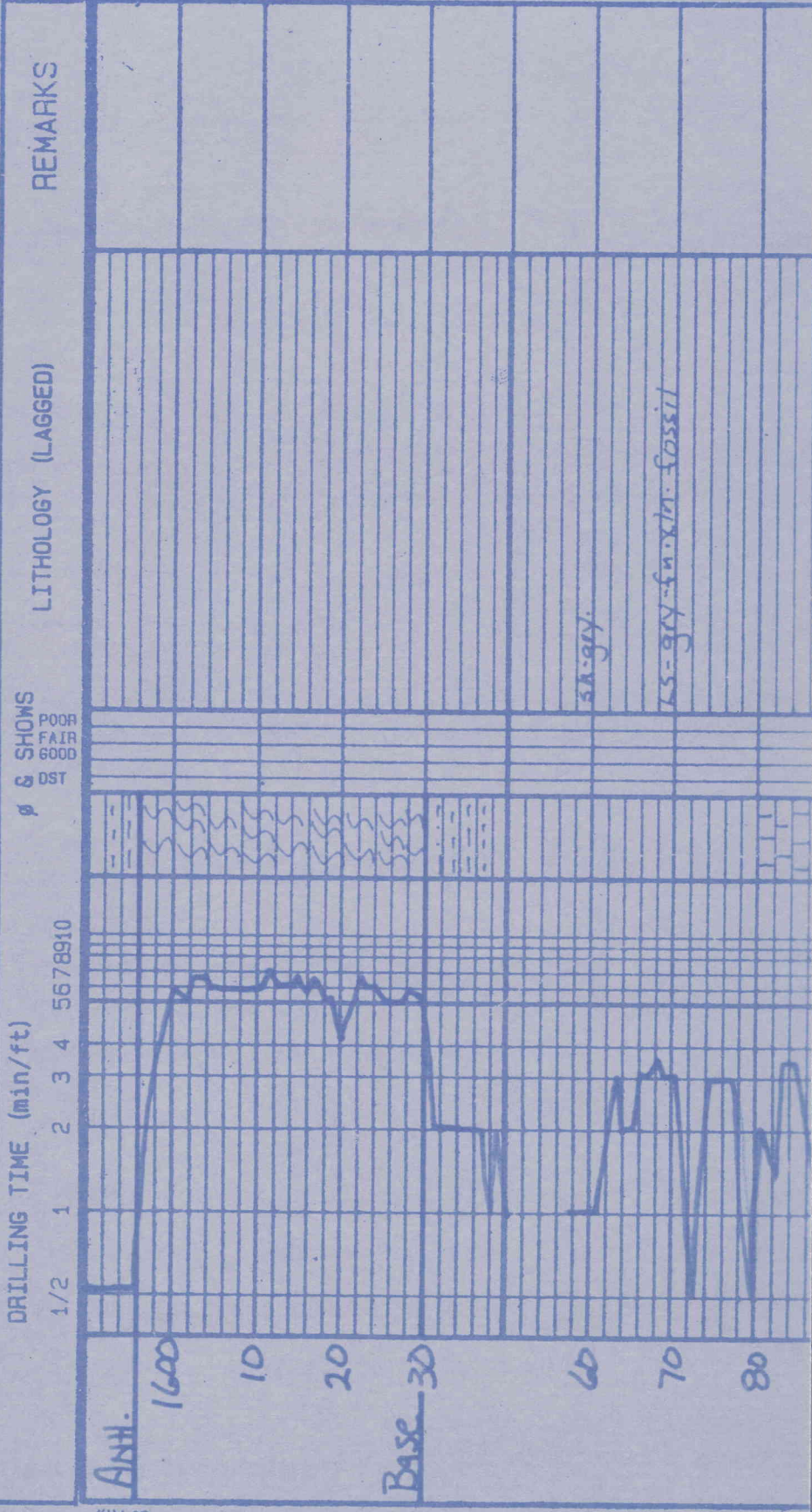
E

d well.

y Drilling
was

urvey.
south-
he did
he did

dry hole.



Anth.

1600

10

20

Base
30

60

70

80

sh. gry.

LS-gry-fn. in fossil

sh. sst. - gr. - brn.

LS - lt. gr. - gr. - fn. x ln. fossil

Mud
vis. - 60
wt. - 8.5

sh. - gr.

LS - gr. - fn. x ln. - fossil

sh. & sst. - gr.

sh. - dark gr.

LS - lt. gr. - gr. - fn. x ln. - fossil
sh. - blk. - sh. - gr.

LS - blk.

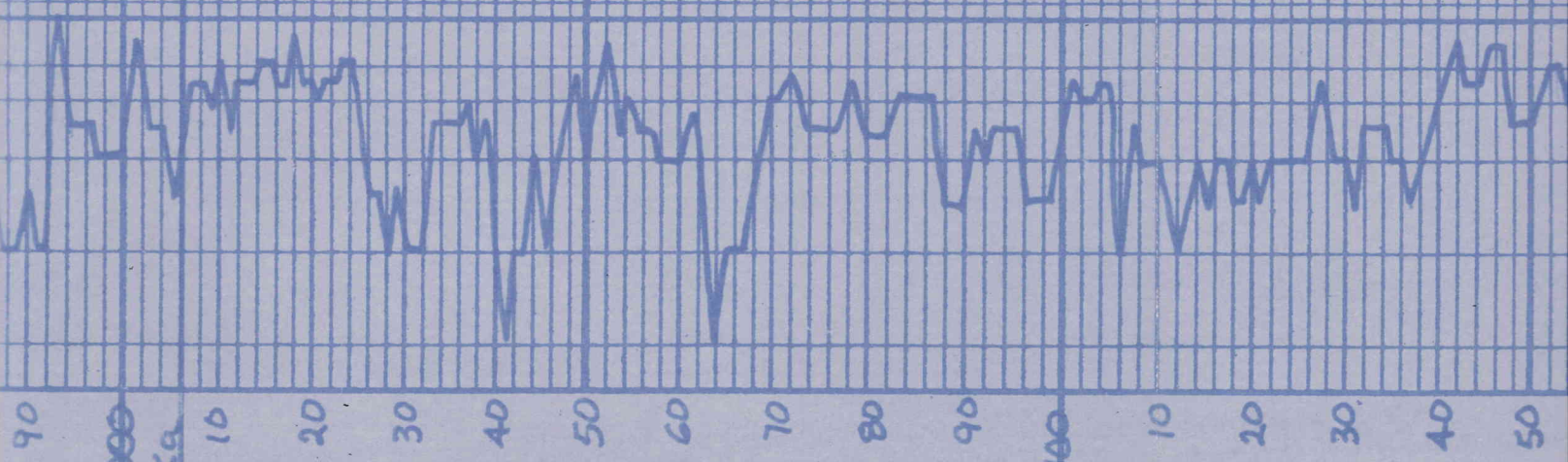
Mud
vis. - 59
wt. - 8.5

sh. - blk. - fossil

sh. - sst. - gr.

sh. - gr. - brn.

LS - brn. - gr. - fn. x ln. - fossil



3000
Topoka

3100

WT-8.5

stst-gry

sh-gry-brn

LS-brn-gry-fn-xln-fossil

sh-bk carb

LS-offwh-fan-fn-xln-ool
w/good com f. barren

LS-fan-tgr-fn-xln-ool

LS-offwh-fan-fn-xln
fossil ool w/ fr. interpart.
f. slichalky

LS-fan-fn-xln-fossil, slichalky

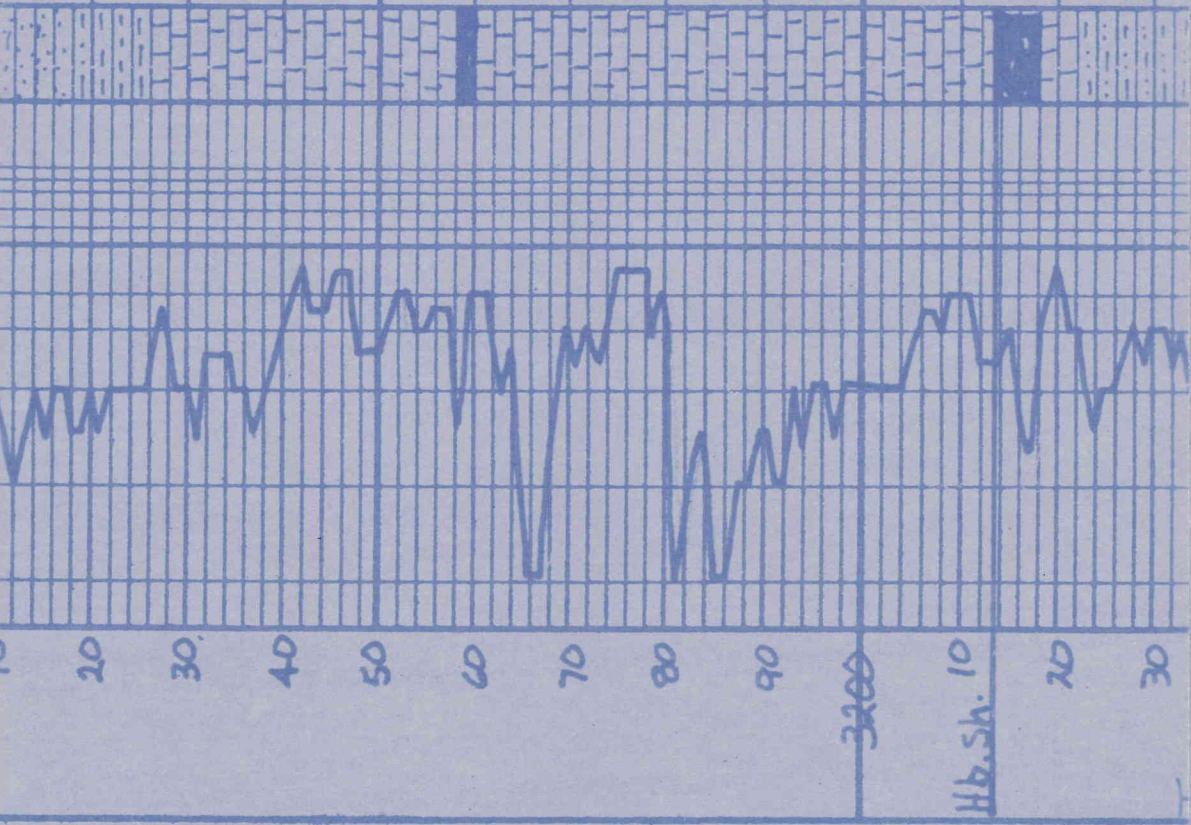
sh-bk fossil, carb

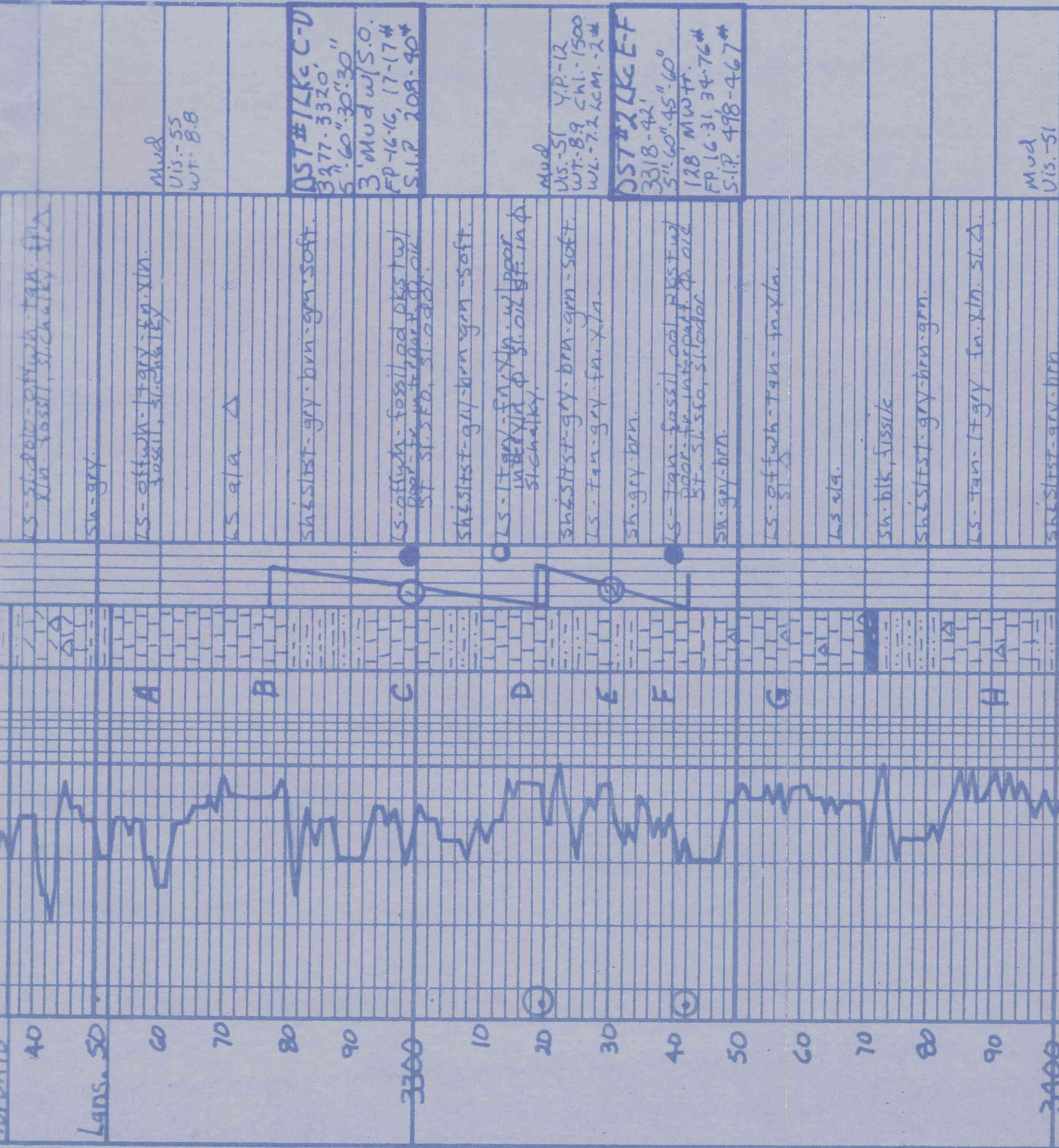
LS-fan-fn-xln

shstst-gry-brn-grn

Mud
US-51 Y.P. 11
wt-8.7 Ch. 1250
WL-63 KM 3#

geo. on location
1:00pm 11-11-19





LS - silty clay - fine to med. tan. sh. xln. fossil, sh. chalky. sh. sh. - gry.

LS - off wh. - tan. xln. fossil, sh. chalky.

LS sh. xln. Δ

sh. silty - gry. brn. - gry. soft.

LS - off wh. - fossil and pks tw. poor. sh. silty. sh. oil. sh. oil. sh. silty. sh. oil.

sh. silty - gry. brn. - gry. soft.

LS - tan. - gry. - tan. xln. sh. w. poor. sh. chalky.

sh. silty - gry. brn. - gry. soft.

LS - tan. - gry. - tan. xln.

sh. gry. brn.

LS - tan. - fossil. oil. sh. xln. sh. poor. sh. silty. sh. oil. sh. silty. sh. oil. sh. silty. sh. oil.

sh. gry. brn.

LS - off wh. - tan. - tan. xln.

LS sh. xln.

sh. blk. fissile

sh. silty - gry. brn. - gry.

LS - tan. - tan. xln. sh. xln. sh. xln.

sh. silty - gry. brn.

Mud
Vis. - 55
WT. - 8.8

DST # 1 LK C-D
3977.3320'
5.60" 30" 30"

3' Mud w/ S.O.
FP - 16.16, 17-17#
S.I.P. 208-90*

Mud
Vis. - 51
WT. - 8.9
WL. - 7.2
Y.P. - 12
C.M. - 2#

DST # 2 LK E-F
3318.42'
5.60" 45" 60"
128' Mud w/ S.O.
FP - 16.31, 34-76#
S.I.P. 498-467*

Mud
Vis. - 51

LS slg.

sh. blk, fissile

sh. sltst. gry-brn-grn.

LS-fan-gry-fn. xln. sl. Δ.

Mud
Vis. - 51
WT. - 8.7

sh. sltst. gry-brn

LS-p. sltst. h. - f. gry-fn. xln. con. =
fossiliferous part of
sl. blk. sh. in p. str. chalky

LS-fan-gry-fn. xln. op. fossil.
f. in sl. str. in p. chalky

sh. blk, carb.

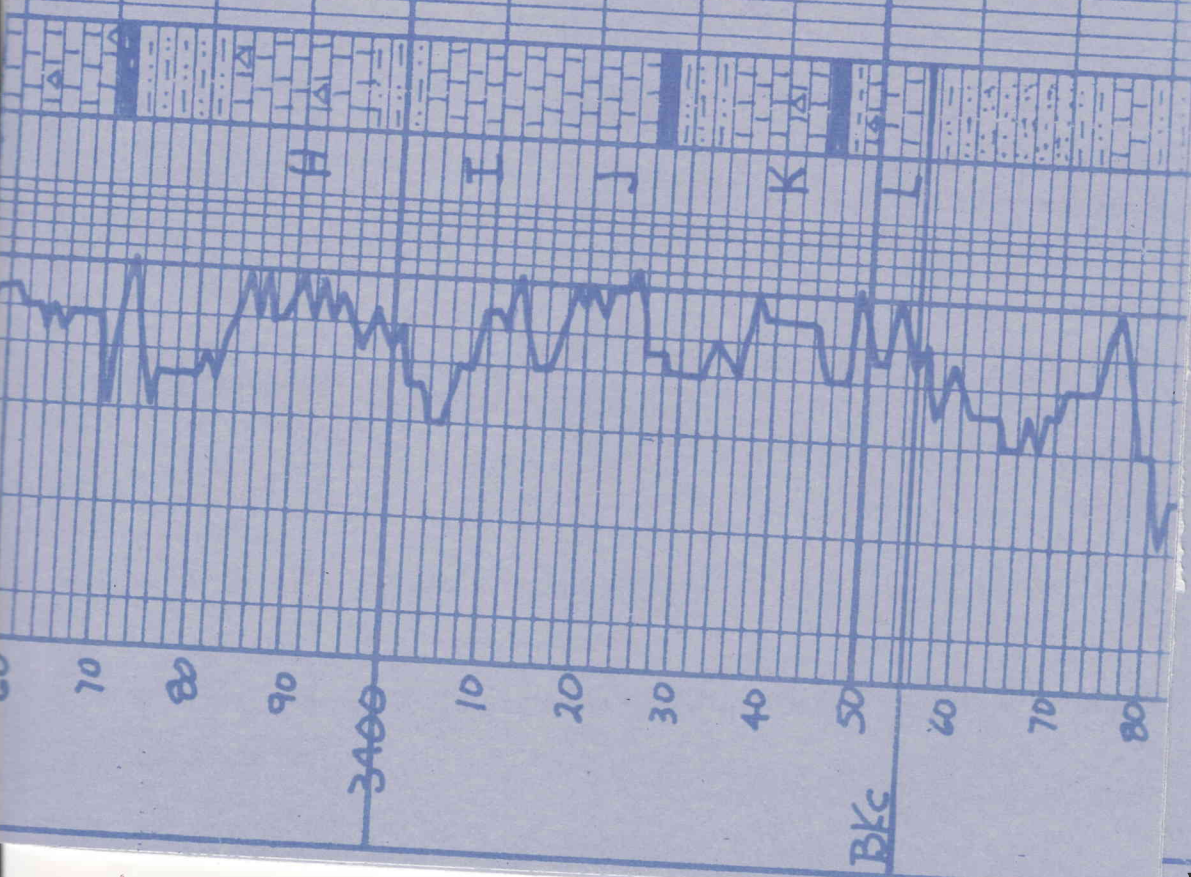
sh. sltst. gry-brn-grn.

LS-fan-gry-fn. xln. fossil.
with pebbles in top part of sl. blk.
sh. blk, fissile

LS-fan-brn-fn. xln. fossil,
sl. Δ.

sltst. brn-gry-

LS-brn-gry-fn. xln. fossil, Δ



▷

sh2stst-brn-grn-grn soft

LS-brn-grn-fn-xln Δ

sh2stst-grn-grn-brn-grn soft

Sg: Δ V multicolor

sh2stst-brn-grn-grn soft

Med
UIS-49
WT-8.7

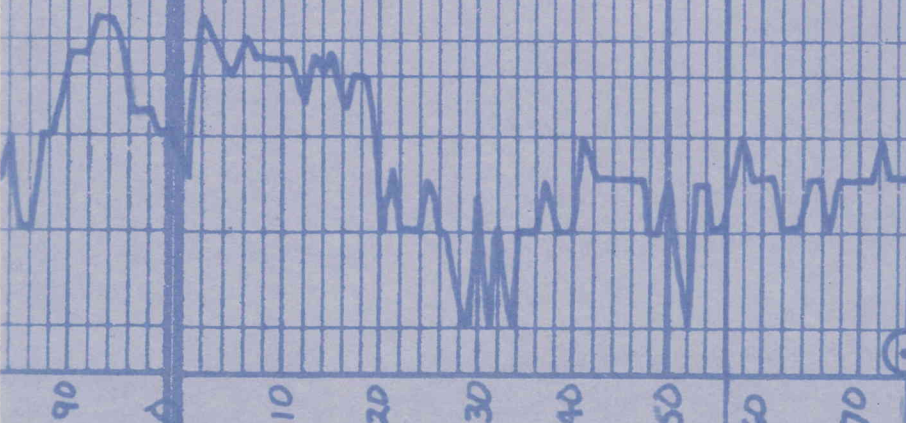
Rechecked data

sh2stst-brn-red-soft

Dato-brn-fn-xln barren Δ

Dato-wh-brn-fn-wed xln
dead etc st in p

Mud
UIS-53 Y.P-19
WT-9.1 SNL-1500
WH-8.0 KM-1



T.D. 8:00 am
11-13-2019

3500

Arb.

T.D.



Company: Fossil Energy, LLC
Lease: Simoneau #1

SEC: 11 TWN: 8S RNG: 21W
 County: GRAHAM
 State: Kansas
 Drilling Contractor: Discovery Drilling Company, Inc. - Rig 1
 Elevation: 2001 GL
 Field Name: NA
 Pool: WILDCAT
 Job Number: 414
 API #: 15-065-24176-00-00

Operation:
 Uploading recovery & pressures

DATE
 November
11
 2019

DST #1 **Formation: LKC "C,D"** **Test Interval: 3277 - 3320'** **Total Depth: 3320'**
 Time On: 23:20 11/11 Time Off: 06:05 11/12
 Time On Bottom: 01:58 11/12 Time Off Bottom: 04:03 11/12

Electronic Volume Estimate:
 20'

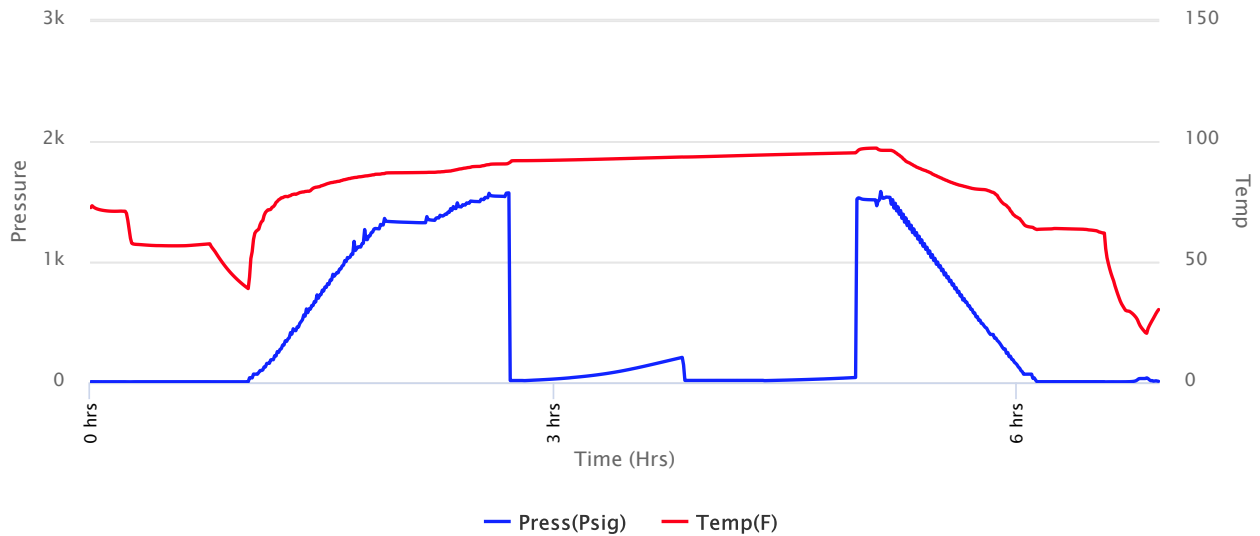
1st Open
 Minutes: 5
 Current Reading: .6" at 5 min
 Max Reading: .6"

1st Close
 Minutes: 60
 Current Reading: 0" at 60 min
 Max Reading: 0"

2nd Open
 Minutes: 30
 Current Reading: .2" at 30 min
 Max Reading: .2"

2nd Close
 Minutes: 30
 Current Reading: 0" at 30 min
 Max Reading: 0"

Inside Recorder





Company: Fossil Energy, LLC
Lease: Simoneau #1

SEC: 11 TWN: 8S RNG: 21W
 County: GRAHAM
 State: Kansas
 Drilling Contractor: Discovery Drilling Company, Inc. - Rig 1
 Elevation: 2001 GL
 Field Name: NA
 Pool: WILDCAT
 Job Number: 414
 API #: 15-065-24176-00-00

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DATE
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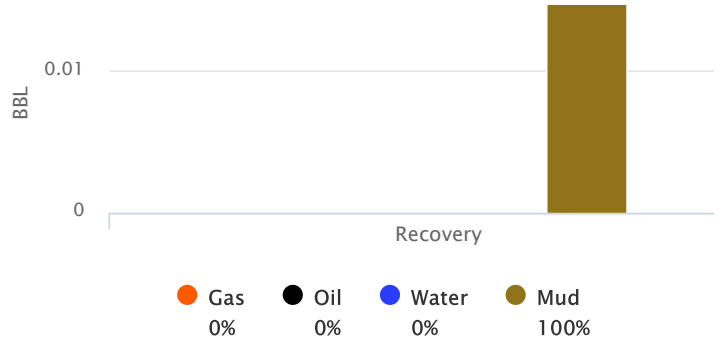
<u>Recovered</u>		<u>Description of Fluid</u>	<u>Gas %</u>	<u>Oil %</u>	<u>Water %</u>	<u>Mud %</u>
<u>Foot</u>	<u>BBS</u>					
3	0.01476	M	0	0	0	100

Total Recovered: 3 ft
 Total Barrels Recovered: 0.01476

Reversed Out
NO

Initial Hydrostatic Pressure	1543	PSI
Initial Flow	16 to 16	PSI
Initial Closed in Pressure	208	PSI
Final Flow Pressure	17 to 17	PSI
Final Closed in Pressure	40	PSI
Final Hydrostatic Pressure	1516	PSI
Temperature	95	°F
Pressure Change Initial Close / Final Close	81.0	%

Recovery at a glance



GIP cubic foot volume: 0



Company: Fossil Energy, LLC
Lease: Simoneau #1

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DST #1	Formation: LKC "C,D"	Test Interval: 3277 - 3320'	Total Depth: 3320'
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	Time On Bottom: 01:58 11/12	Time Off Bottom: 04:03 11/12	

BUCKET MEASUREMENT:

Diesel in Bucket

- 1st Open: 1/4" Blow built to 3/4" over 5 min.
- 1st Close: No Return
- 2nd Open: Weak Surface blow built to 1/2" over 30 min.
- 2nd Close: No Return

REMARKS:

Tool Sample: 0% Gas .1% Oil 0% Water 99.9% Mud



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Lease: Simoneau #1

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 County: GRAHAM
 State: Kansas
 Drilling Contractor: Discovery Drilling Company, Inc. - Rig 1

Operation:
Uploading recovery &
pressures

Elevation: 2001 GL
Field Name: NA
Pool: WILDCAT
Job Number: 414
API #: 15-065-24176-00-00

DATE
November
11
2019

DST #1 **Formation:** LKC
"C,D"
Test Interval: 3277 -
3320' **Total Depth: 3320'**
Time On: 23:20 11/11 Time Off: 06:05 11/12
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Down Hole Makeup

Heads Up: 14.69 FT	Packer 1: 3272.31 FT
Drill Pipe: 3235.31 FT <i>ID-3 1/2</i>	Packer 2: 3277.31 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 3264.31 FT
Collars: 31.53 FT <i>ID-2 1/4</i>	Bottom Recorder: 3318 FT
Test Tool: 26.16 FT <i>ID-3 1/2-FH</i>	Well Bore Size: 7 7/8
Total Anchor: 42.69	Surface Choke: 1"
<u>Anchor Makeup</u>	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 6 FT <i>4 1/2-FH</i>	
Change Over: .5 FT	
Drill Pipe: (in anchor): 31.69 FT <i>ID-3 1/2</i>	
Change Over: .5 FT	
Perforations: (below): 3 FT <i>4 1/2-FH</i>	



Company: Fossil Energy, LLC
Lease: Simoneau #1

SEC: 11 TWN: 8S RNG: 21W
County: GRAHAM
State: Kansas
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Company, Inc. - Rig 1
Elevation: 2001 GL
Field Name: NA

Operation:

Uploading recovery & pressures

Pool: WILDCAT
Job Number: 414
API #: 15-065-24176-00-00

DATE
November
11
2019

DST #1 Formation: LKC Test Interval: 3277 - Total Depth: 3320'
 "C,D" **3320'**
Time On: 23:20 11/11 Time Off: 06:05 11/12
Time On Bottom: 01:58 11/12 Time Off Bottom: 04:03 11/12

Mud Properties

Mud Type: Chem **Weight:** 8.7 **Viscosity:** 51 **Filtrate:** 6.8 **Chlorides:** 1250 ppm



Company: Fossil Energy, LLC
Lease: Simoneau #1

SEC: 11 TWN: 8S RNG: 21W
County: GRAHAM
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<p>DATE November 11 2019</p>
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DST #1	Formation: LKC "C,D"	Test Interval: 3277 - 3320'	Total Depth: 3320'
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Gas Volume Report

1st Open			
Time	Orifice	PSI	MCF/D

2nd Open			
Time	Orifice	PSI	MCF/D

GLOBAL OIL FIELD SERVICES, LLC

0013378

REMIT TO 24 S. Lincoln
Russell, KS 67665

SERVICE POINT: Russell

DATE <u>11-8-19</u>	SEC. <u>11</u>	TWP. <u>8</u>	RANGE <u>21</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
						<u>6:45 PM</u>	
LEASE <u>Simoneau</u>		WELL #. <u>1</u>		LOCATION <u>Nicodemus 1 south</u>		COUNTY <u>Graham</u>	STATE <u>KS</u>
OLD OR NEW (CIRCLE ONE)				<u>1 west south into</u>			

CONTRACTOR Discovery Drilling #4
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 265
 CASING SIZE _____ DEPTH _____
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS _____
 DISPLACEMENT _____

EQUIPMENT

PUMP TRUCK CEMENTER Jason
 # 417 HELPER _____
 BULK TRUCK _____
 # 411 DRIVER Jack
 BULK TRUCK _____
 # _____ DRIVER _____

REMARKS:
Run CGS 898 Handed to Rig
Broke circulation Handed to pump truck
pumped 175sa of Cement Displaced
155 but 120 Perm shut in at 200psi
Cement D.D Circulate

CHARGE TO: Fossil Energy
 STREET _____
 CITY _____ STATE _____ ZIP _____

Global Oil Field Services, LLC
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME GALEN GASCHLER
 SIGNATURE Galen Gaschler

OWNER Fossil Energy
 CEMENT AMOUNT ORDERED 175sa 6/40 3/40 2 1/2 gal

COMMON _____ @ _____
 POZMIX _____ @ _____
 GEL _____ @ _____
 CHLORIDE _____ @ _____
 ASC _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING _____ @ _____
 MILEAGE _____ @ _____
 TOTAL _____

SERVICE

DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____
 EXTRA FOOTAGE _____ @ _____
 MILEAGE _____ @ _____
 MANIFOLD _____ @ _____
 _____ @ _____
 _____ @ _____
 TOTAL _____

PLUG & FLOAT EQUIPMENT

_____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 TOTAL _____

SALES TAX (If Any) _____
 TOTAL CHARGES _____
 DISCOUNT _____ IF PAID IN 30 DAYS