

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)</i> <i>(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	AGV Corp.
Well Name	M&L LAND - STOLLEI 2A
Doc ID	1538480

All Electric Logs Run

Neutron - Density
Dual Induction
Micro
Cement Bond Log

810 E 7TH
 PO Box 92
 EUREKA, KS 67045
 (620) 583-5561



Cement or Acid Field Report
 Ticket No. **5286**
 Foreman David Gardner
 Camp Eureka

API# 15-173-21071

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
11-30-20	1358	M+L Land - Stollei #2A	11	26 S.	2 E.	Sedgwick	KS
Customer			Unit #	Driver	Unit #	Driver	
AGV Corporation			105	Jason			
			110	Josh			
			112	Kevin			
Mailing Address			City		State	Zip Code	
123 N. Main			Attica		KS	67009	
Safety Meeting							
DG							
JH							
JV							
KM							

Job Type Surface Hole Depth 226' K.B. Slurry Vol. 34 Bbl Total Tubing _____
 Casing Depth 210' G.L. Hole Size 12 1/4" Slurry Wt. 15# Drill Pipe _____
 Casing Size & Wt. 8 5/8" 24# Cement Left in Casing 15' +/- Water Gal/SK 6.5 Other _____
 Displacement 13 Bbl Displacement PSI _____ Bump Plug to _____ BPM _____

Remarks: Safety Meeting. Rig up to 8 5/8" casing. Break circulation w/ 10 Bbl fresh water. Mixed 110 SKS Class 'A' Cement w/ 3% Cacl2, 2% Gel @ 15#/gal, yield 1.48 = 29 Bbl slurry. (Mixed 1 sk Hulls from Rig in w/ cement for fluid loss). Displace w/ 13 Bbl fresh water. Shut down. Close casing in. Good circulation @ all times while cementing. Good cement returns to surface = 3 Bbl slurry to pit. Cement in annulus fell back. Wait 2 HRS for another cement Bulk truck. Cement in annulus @ approximately 30' below ground level. Mix & Pump cement (w/ Hulls from Rig) down annulus until cement returns to surface & holds = 20 SKS Cement. Job complete. Rig down.

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C101	1	Pump Charge	890.00	890.00
C107	40	Mileage	4.20	168.00
C200	130 SKS	Class 'A' Cement	15.75	2047.50
C205	365 ^{lb}	Cacl2 3%	.63	229.95
C206	245 ^{lb}	Gel 2%	.21	51.45
C108A	6.11 Tons	Ton Mileage - Bulk Trucks	m/c	365.00
<u>Thank You</u>				
			Sub Total	3,751.90
			Less 5%	196.33
			7.5 % Sales Tax	174.67

Authorization by Judd Gulick Title Tool Pusher Total 3,730.24

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 EUREKA, KS 67045
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Cement or Acid Field Report
 Ticket No. 5377
 Foreman Russell mcloy
 Camp Eureka

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
12-4-20	1358	m+L LAND - Stolle; ZA	11	26	2	Sedgwick	Ks
Customer			Unit #	Driver		Unit #	Driver
AGV Corporation 123 N MAIN Attica KS 67009			105	JASON			
			110	JOSH			
			141	AB			
			128	Russell			

Job Type Longstring Hole Depth 3390 KB Slurry Vol. 62 Tubing _____
 Casing Depth 3383 G.L. Hole Size 7 7/8 Slurry Wt. 13.8 Drill Pipe _____
 Casing Size & Wt. 5 1/2 14 # Cement Left in Casing 33 Water Gal/SK _____ Other _____
 Displacement 83 Bbl Displacement PSI 1100 Bump Plug to 1650 BPM 5

Remarks: Safety Meeting. Rig to 5 1/2 casing set @ 3383 G.L. Pump 10 Bbl
Fresh water Ahead, mix + Pump 200 SK's Thickset cement = 64 Bbl Slurry
@ 13.8 w/ yield 1.8 wash out Pump + lines, Release 5 1/2 Latch Down
Plug Displace Plug w/ 83 Bbl Freshwater (First 30 Bbl KCL) seat Plug @
3350' @ 1650# wait 2 min, check float, float held good circulation
@ All Times During cement Procedure. Job complete, 8:35 PM
Baskets # 4 # 7 # 11 Thanks Russell mcloy
Centralizers # 1 3 5 8 12 15 18 - 24 # 30

NOTE Plug Rathole + mouse Hole

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C-102	1	Pump Charge	1100.00	1100.00
C-107	30	Mileage	4.20	126.00
C-201	200	SK's Thick set cement	20.50	4100.00
C-202	1,000 #	Kolseal = 5 # P=1/sk	.47	470.00
C-208	400 #	Phenoseal	1.30	520.00
C-211	50 #	CFL-115	11.00	550.00
C-691	1	5 1/2 GUIDE SHOE	175.00	175.00
G-674	1	5 1/2 FLOAT collar w/ Latch Down INSERT	359.00	359.00
C-504	9	5 1/2 x 7 7/8 centralizers	50.00	450.00
C-604	3	5 1/2 cement BASKETS	236.00	708.00
C-421	1	5 1/2 Latch Down Plug	242.00	242.00
C-108B	10.5	Ton's Ton Mileage x 30	1.40	441.00
C-113	4	hrs 80 Bbl VAC TRUCK	90.00	360.00
C-224	3,300	gallons city water	10 per 1,000	33.00
C-222	3	gallons KIL	30.00	90.00
			Subtotal	9784.00
			- 5%	< 515.06
			Sales Tax	511.28
			7.59%	
Authorization <u>Kent Roberts</u> Title <u>Co/Rep</u>			Total	9786.22

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810 E 7TH
 PO Box 92
 EUREKA, KS 67045
 (620) 583-5561



Cement or Acid Field Report
 Ticket No. **5355**
 Foreman Russell mclroy
 Camp Eureka

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
12-18-20	1358	M+L LAND Stollei # 2-A	11	26	2	Sedgewick	KS
Customer AGV CORPORATION			Safety Meeting Rm Zevi JASON	Unit # 102 110	Driver Zevi JASON	Unit #	Driver
Mailing Address 123 N MAIN			City ATHICA		State KS	Zip Code 67009	

Job Type P.T.A. Hole Depth _____ Slurry Vol. _____ Tubing _____
 Casing Depth _____ Hole Size _____ Slurry Wt. _____ Drill Pipe _____
 Casing Size & Wt. 5 1/2 14 # Cement Left in Casing _____ Water Gal/SK _____ Other _____
 Displacement _____ Displacement PSI _____ Bump Plug to _____ BPM _____

Remarks: Safety meeting Plug well as follows 286 5 1/2 Load hole
Mix + Pump 95 SKs 60/40 Pozmix 4% Gel Good cement RETURNS
Full 5 1/2 casing TOP well off w/ cement. Job complete, Tear Down

Thank you
 Russell mclroy

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C-105	1	Pump Charge	785.00	785.00
C-107	30	Mileage	4.20	126.00
C-203	95	SKs 60/40 Pozmix	13.40	1273.00
C-206	325	Gel = 4%	.21	68.25
C-108	4.00	Tow Mileage	M/C	365.00
			Sub Total	2617.25
			- 5%	<140.687
			Sales Tax	196.29
Authorization by <u>Kent Roberts</u> Title <u>CO/Rep</u>			Total	<u>2612.86</u>

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OPERATOR

Company: AGV Corp
Address: P.O. Box 377
Attica, KS 67009

PLOTTED GEOLOGICAL LOG

WellSight Systems

Scale 1:240 (5"=100') Imperial

Well Name: M&L Land - Stollei 2A
Location: Section 11-T26S-R2E
Licence Number: API # 15-173-21071
Spud Date: 11/30/2020
Surface Coordinates: 723 FEL & 2962' FEL
NAD 83 Lat: 37.89019, Long -9718176
Region: Sedgwick County
Drilling Completed: 12/4/2020
Bottom Hole Coordinates:
Ground Elevation (ft): 1368' K.B. Elevation (ft): 1377'
Logged Interval (ft): 2200' To: 3390' Total Depth (ft): 3390'
Formation: Arbuckle
Type of Drilling Fluid: Chemical Mud by Fud Mud
Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

GEOLOGIST

Name: Kent Roberts
Company: Roberts Resources, Inc.
Address: P.O. Box 75187
Wichita, KS 67275
Phone 316-215-1683

INFORMATION

DRILLING CONTRACTOR: C&G Drilling Rig #2
MUD TYPE: Chemical by Fud Mud
DRILLING TIME KEPT FROM: 220" to RTD
SAMPLES SAVED FROM: 2200' to RTD
SAMPLES EXAMINED FROM: 2200' to RTD
GEOLOGICAL SUPERVISION FROM: 2200' to RTD
ELECTRICAL SURVEYS: Neutron - Density, Dual Induction & Micro by ELI
BIT DATA: 12-1/4" AW Cut 226' in 2.5 Hours
PDC 7-7/8" RBI Cut 3164' in 52.75 Hours

CASING DATA

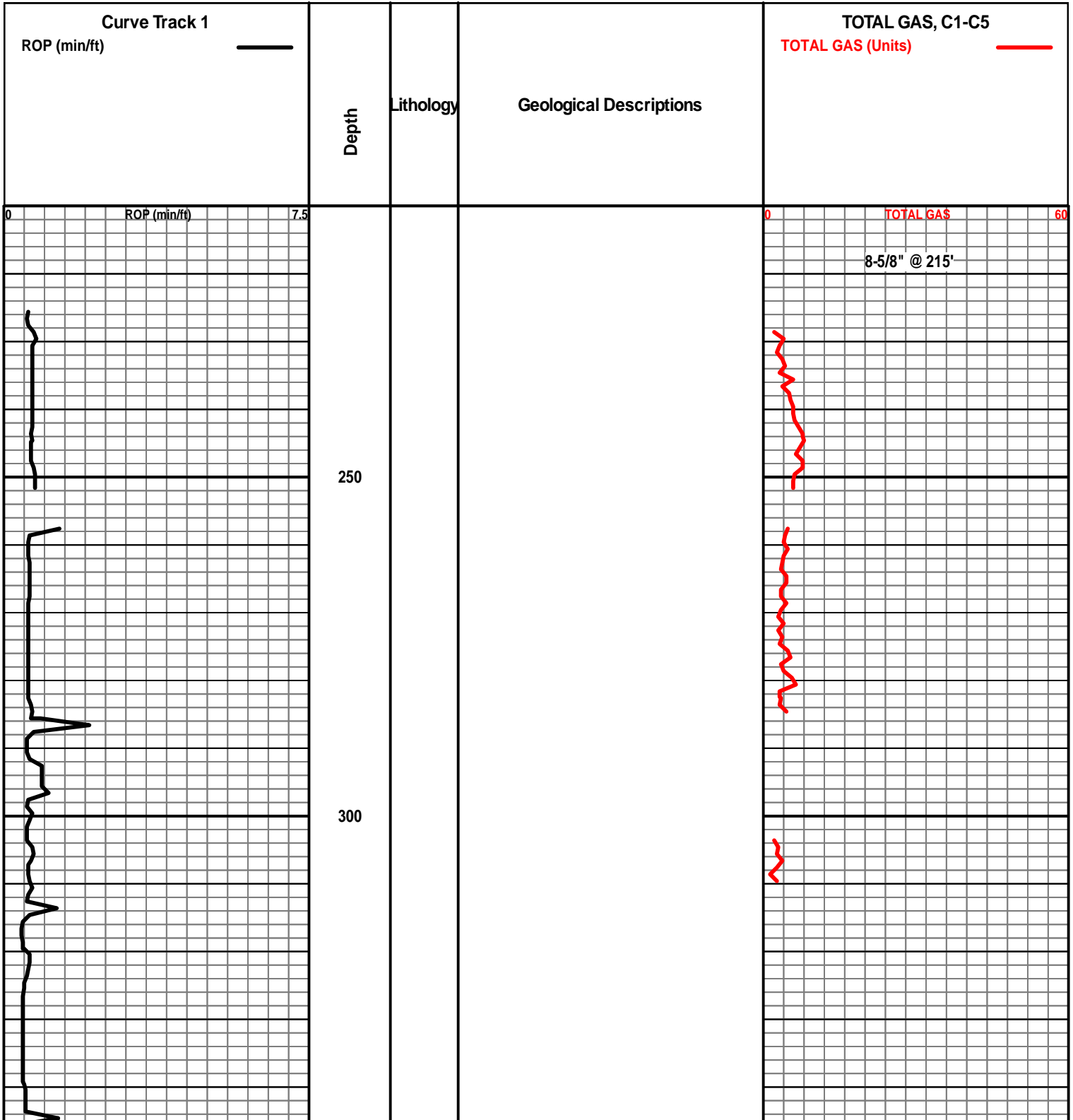
CONDUCTOR CASING: None

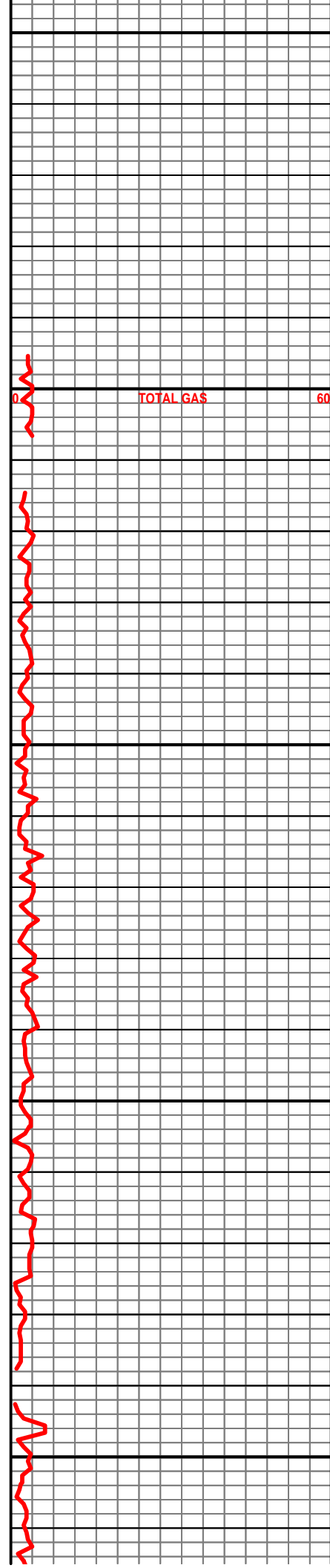
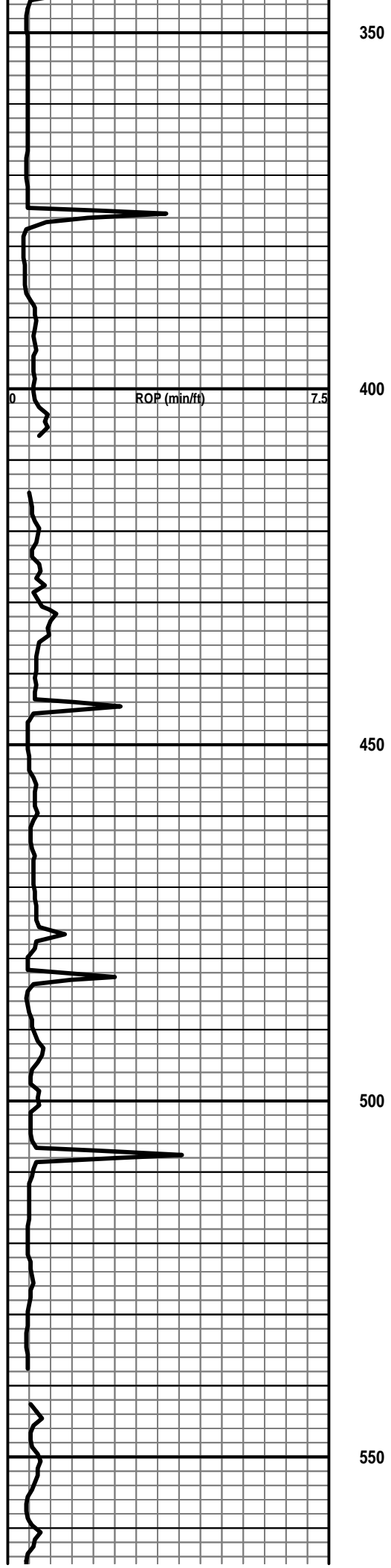
SURFACE CASING: 8-5/8" x 23# Set @ 215'

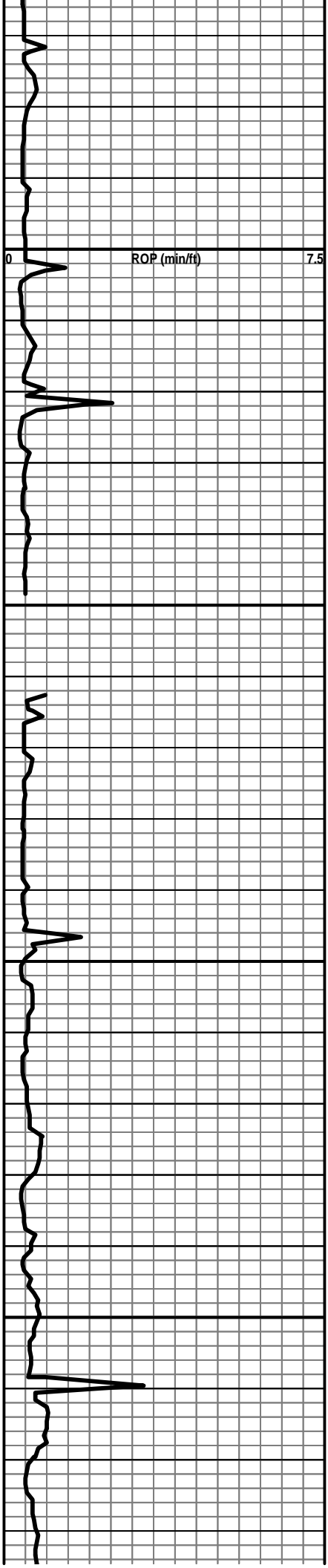
PRODUCTION : 5-1/2 x 14# Set @ 3389' w/ 200 Sx Thick-Set

ROCK TYPES

- | | | | | | | | |
|--|-------------|---|-----------|---|-------------|--|-----------|
|  | Anhy |  | Congl |  | Salt |  | Siltstone |
|  | Cht |  | Dolomite |  | Shale |  | Sandstone |
|  | Black shale |  | Limestone |  | Cherty dol. | | |





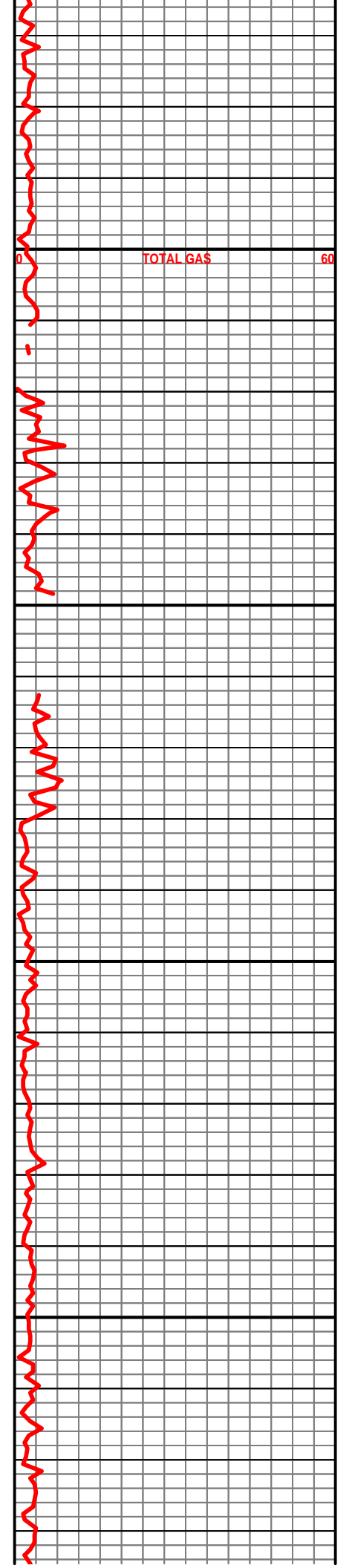


600

650

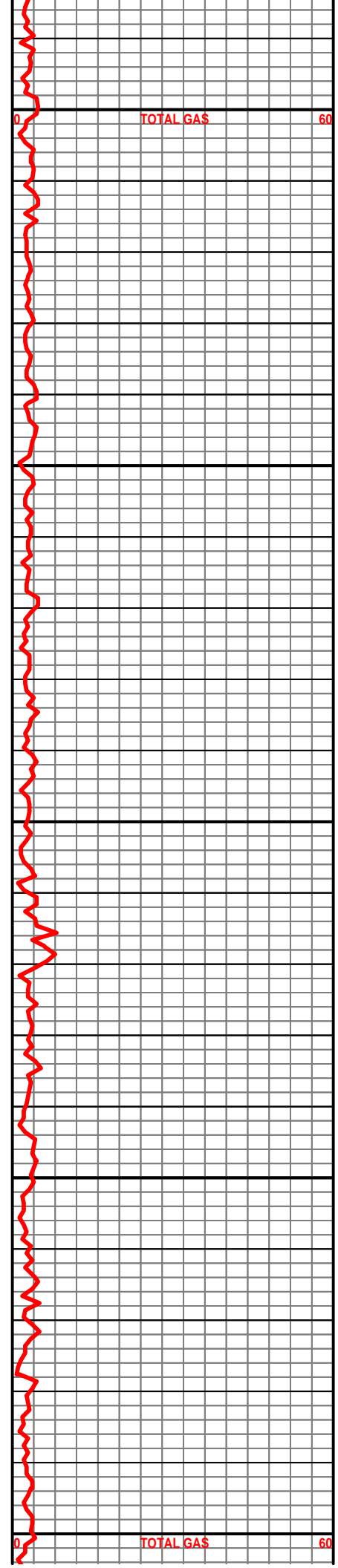
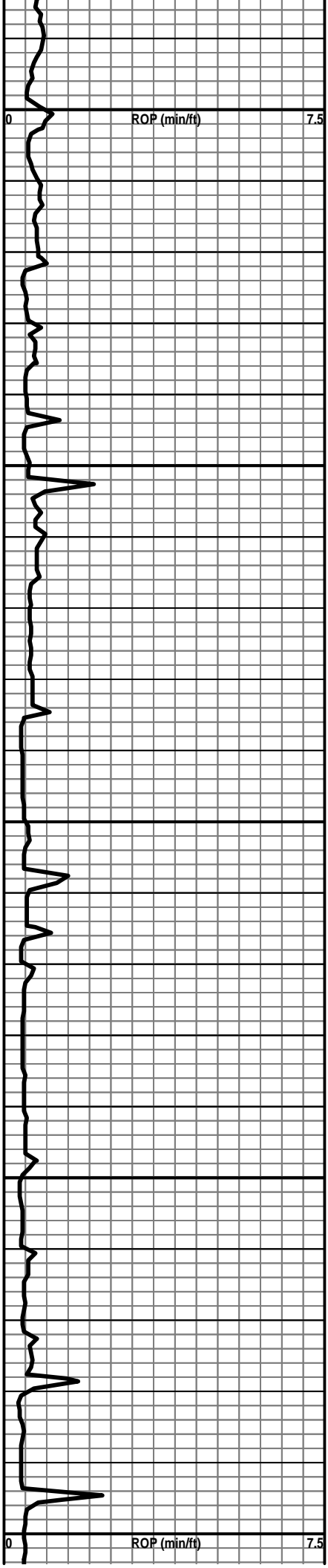
700

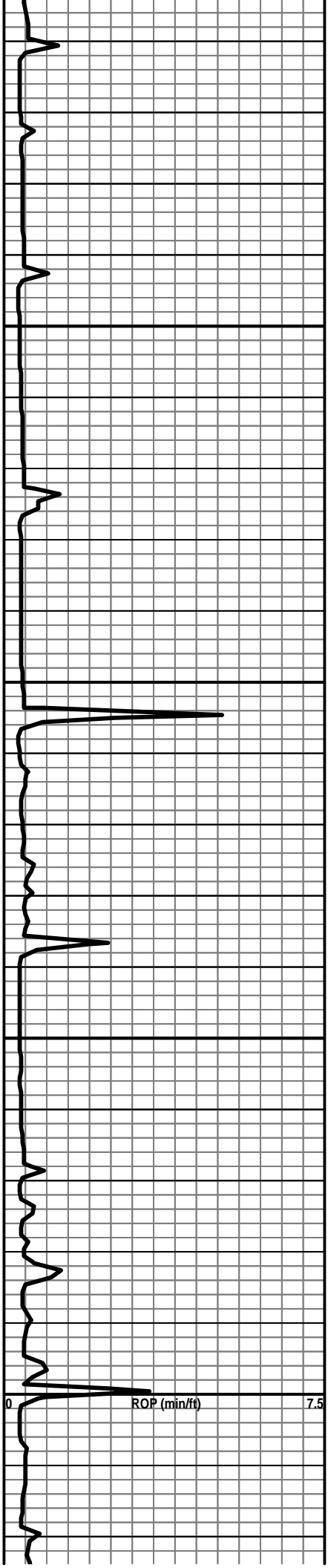
750



TOTAL GAS

60



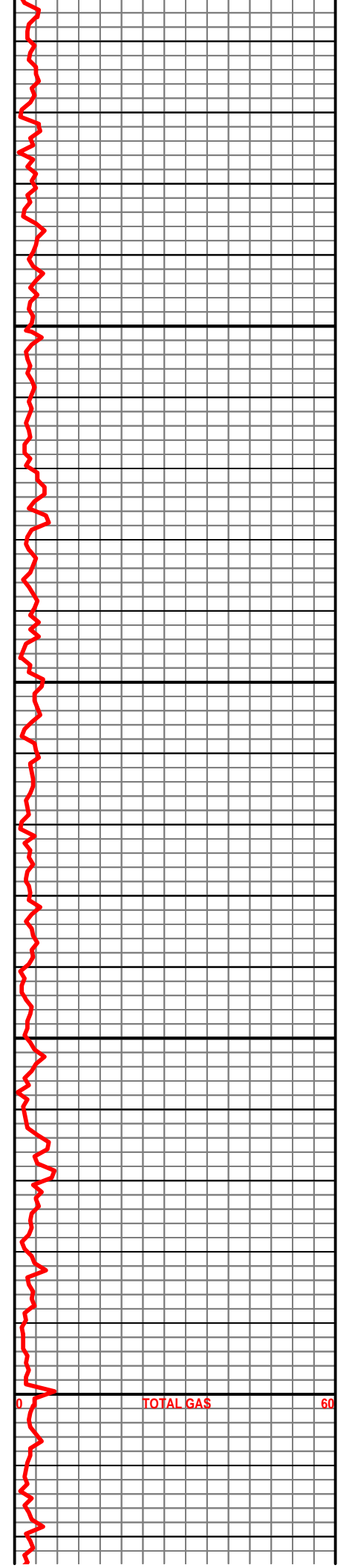


1050

1100

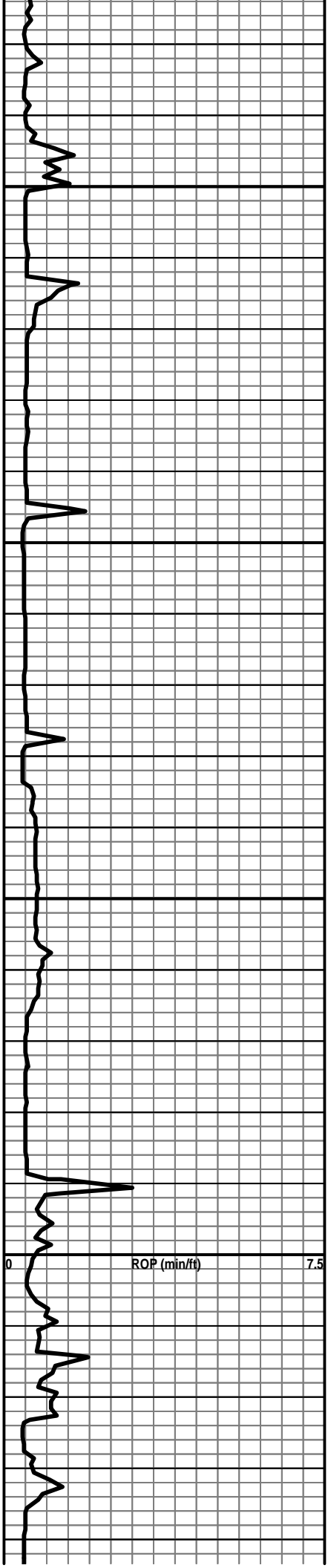
1150

1200



TOTAL GAS

60



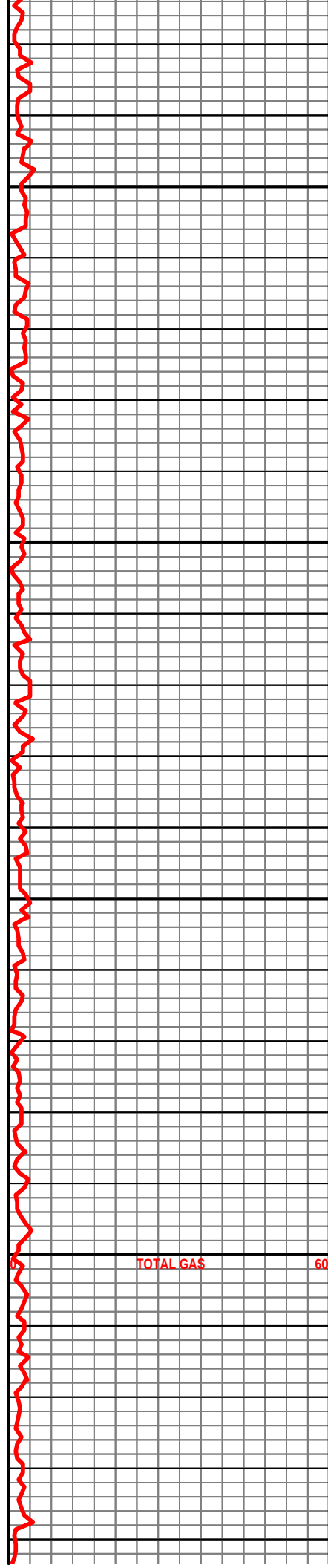
1250

1300

1350

1400

0 ROP (min/ft) 7.5



TOTAL GAS 60

1450

No Adjustments made on drill time at connections from Surface to 1500'

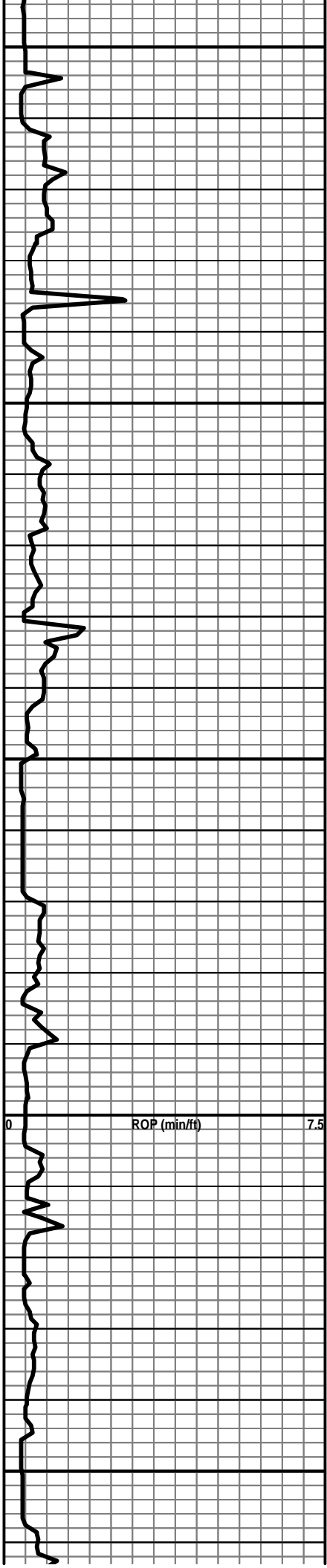
1500

1550

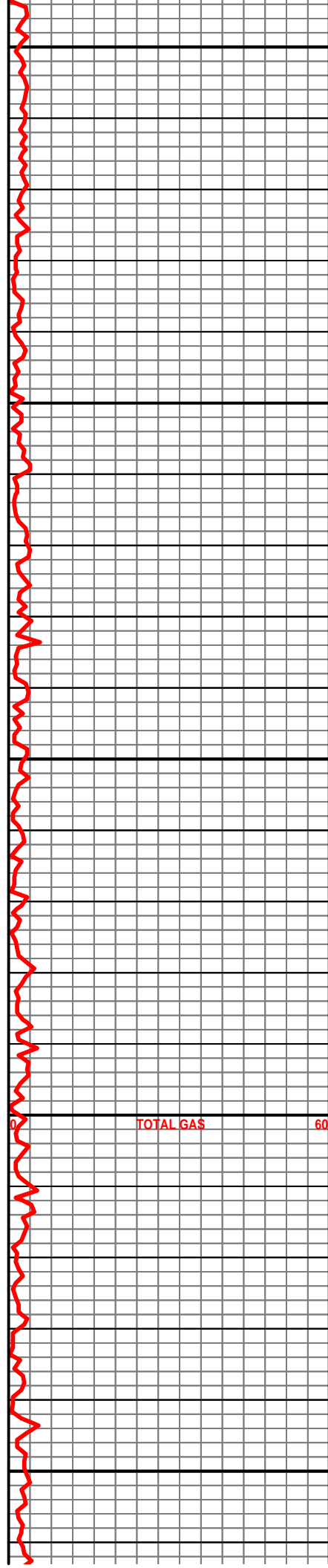
1600

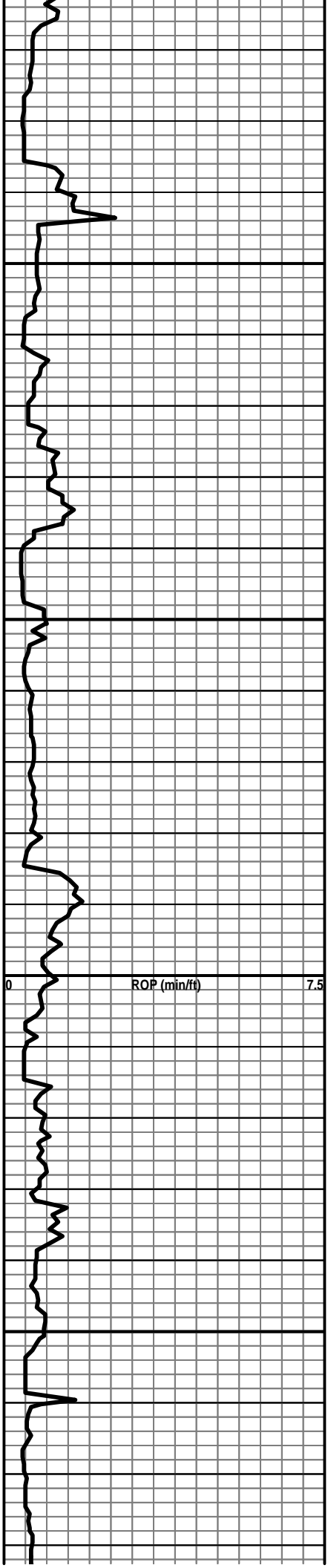
1650

0 ROP (min/ft) 7.5



0 TOTAL GAS 60





1700

1750

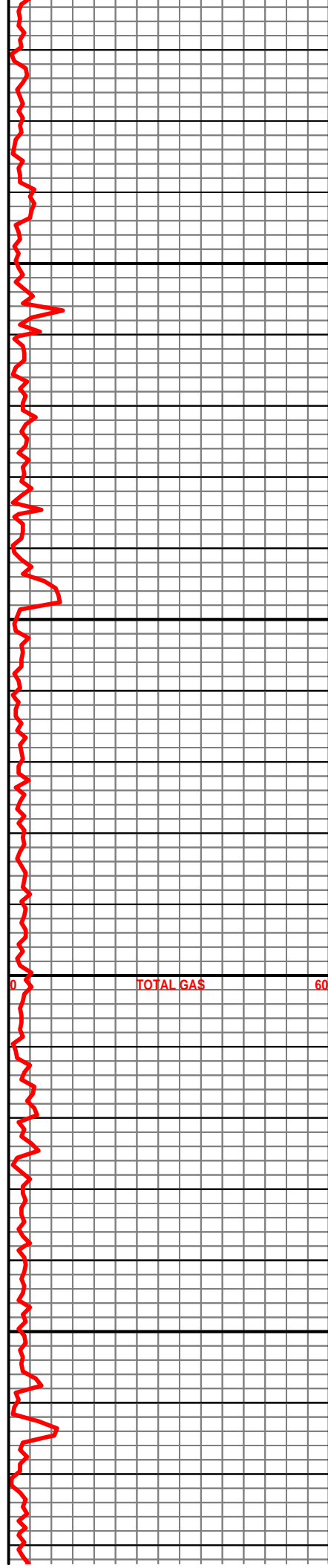
1800

1850

ROP (min/ft)

0

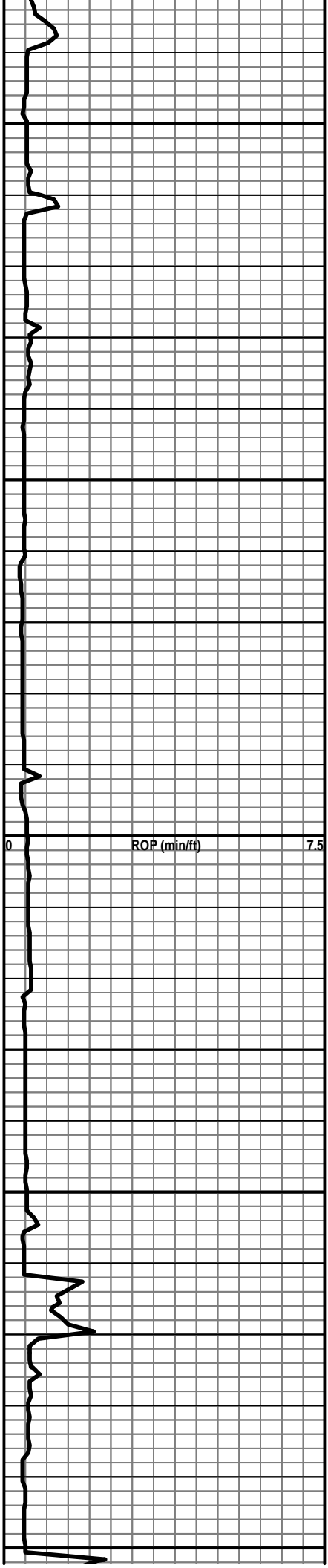
7.5



TOTAL GAS

0

60



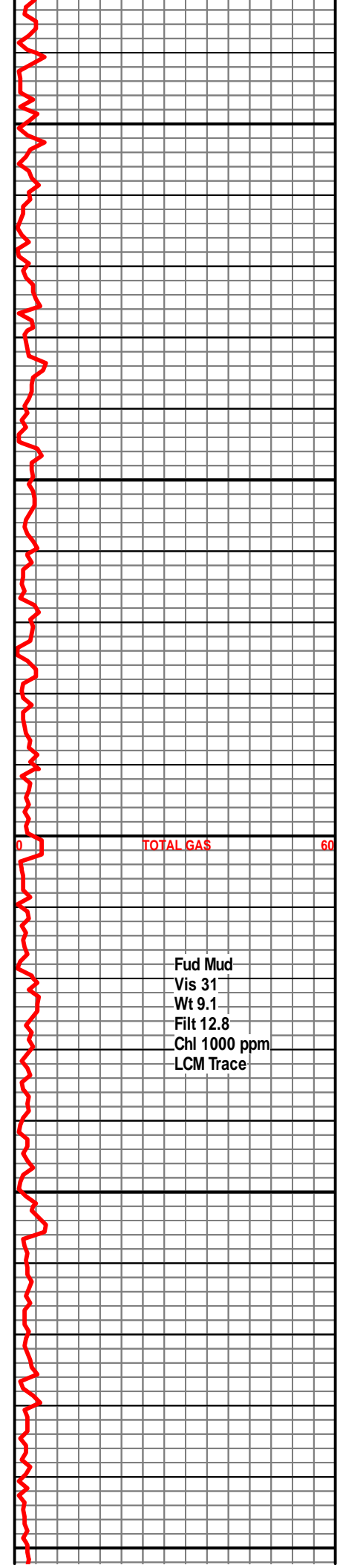
1900

1950

2000

2050

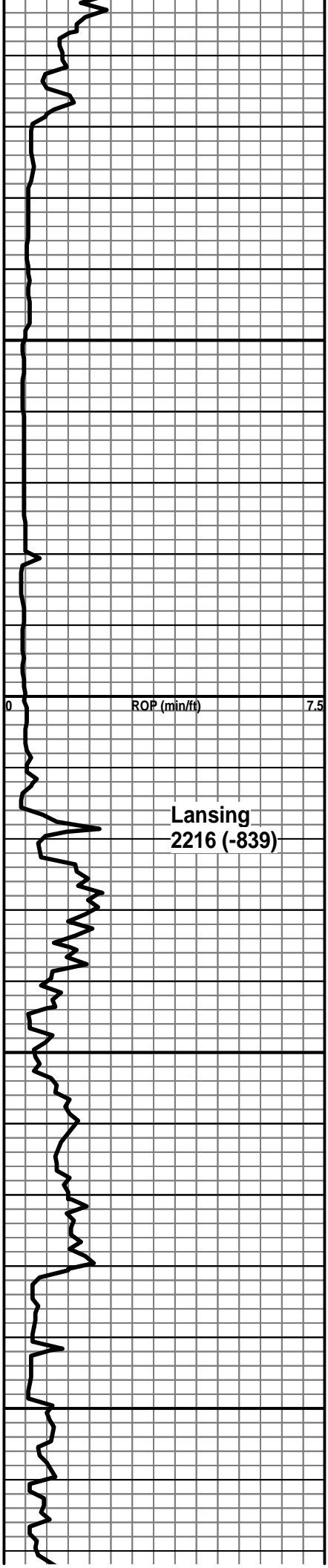
2100



TOTAL GAS

60

Fud Mud
Vis 31
Wt 9.1
Filt 12.8
Chl 1000 ppm
LCM Trace

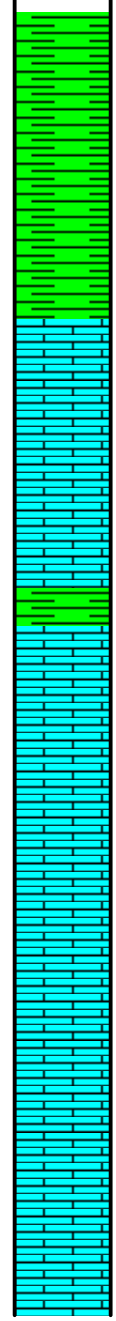


2150

2200

2250

2300



Sh, gry

Sh, gry

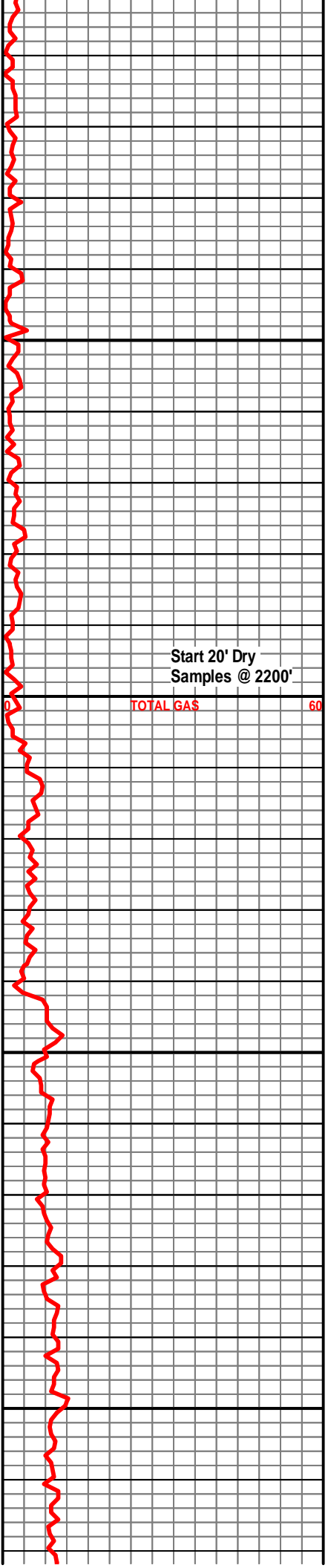
Ls, gry, mxln, trace oolitic w/ pr-fr porosity,
No show

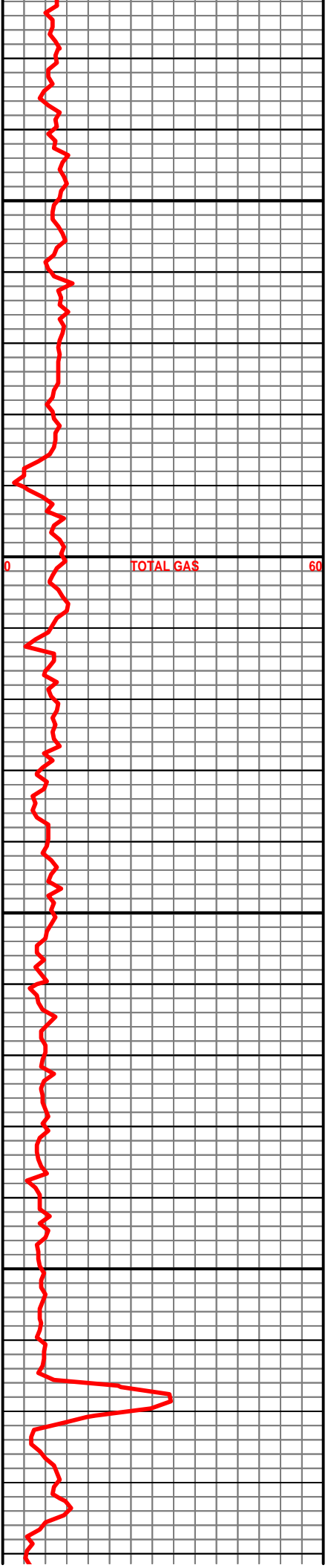
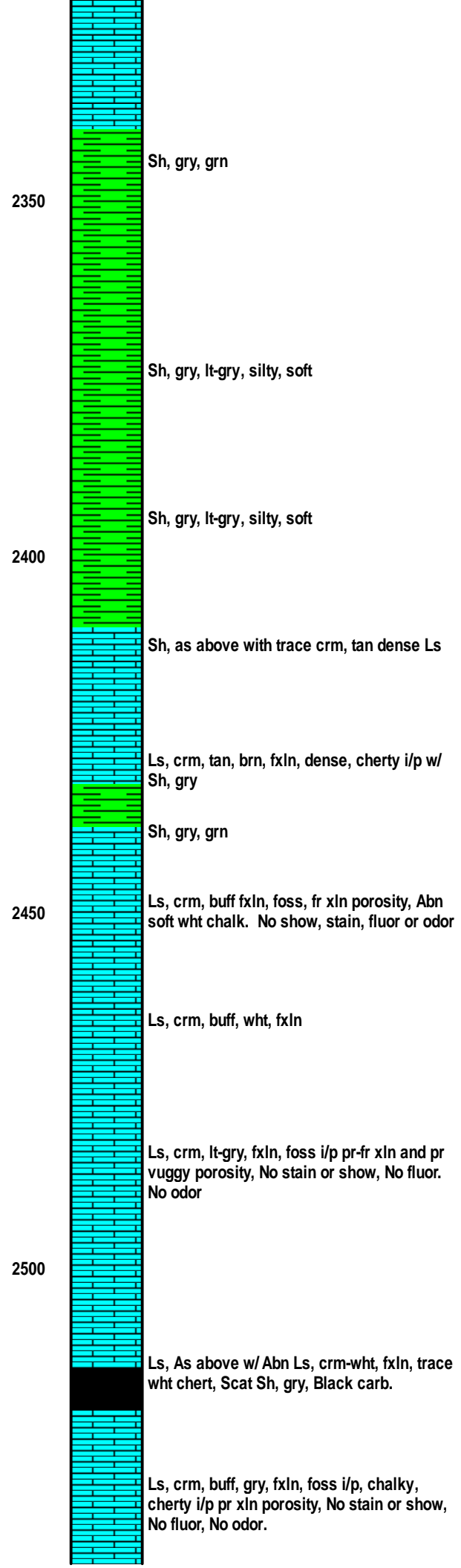
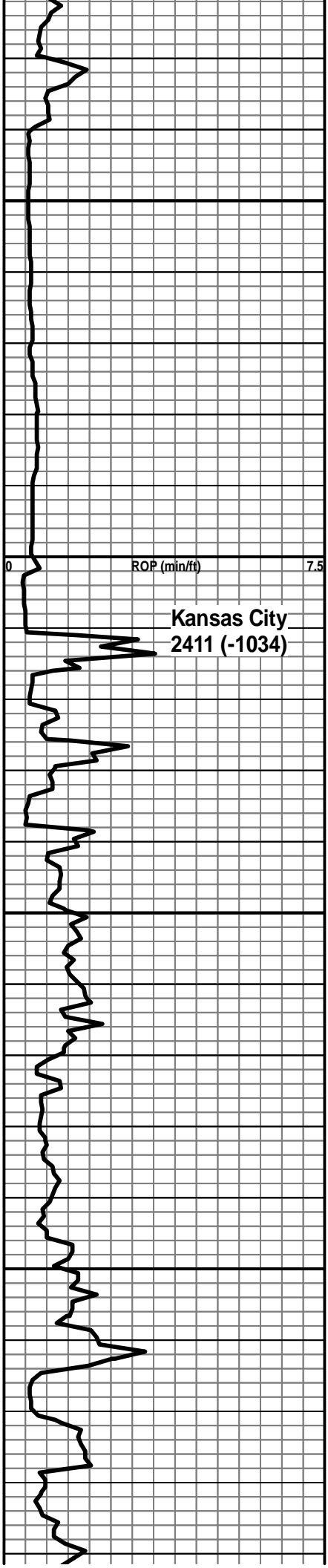
Ls, lt gry, dense

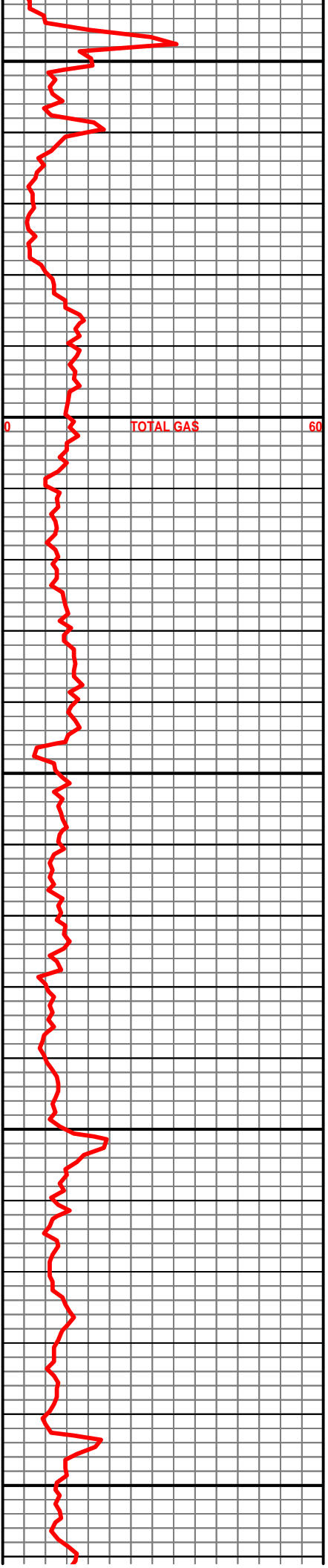
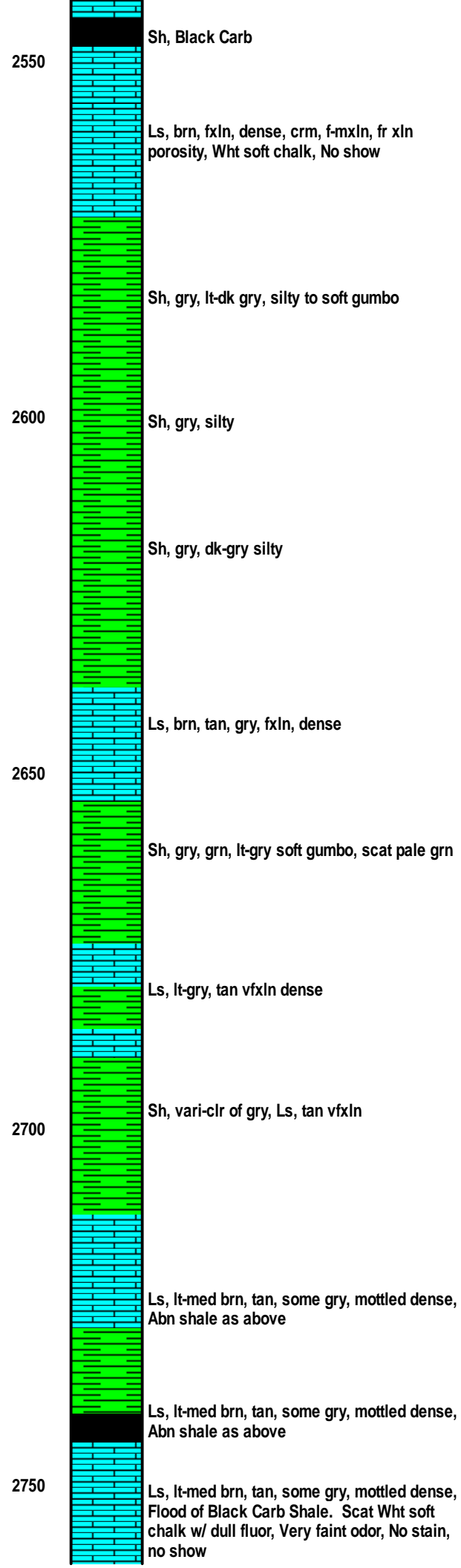
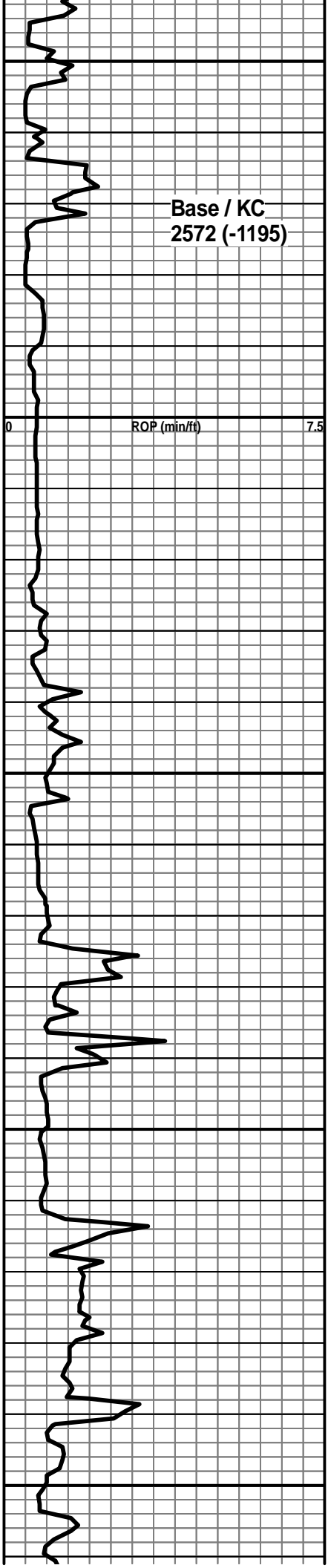
Sh, gry

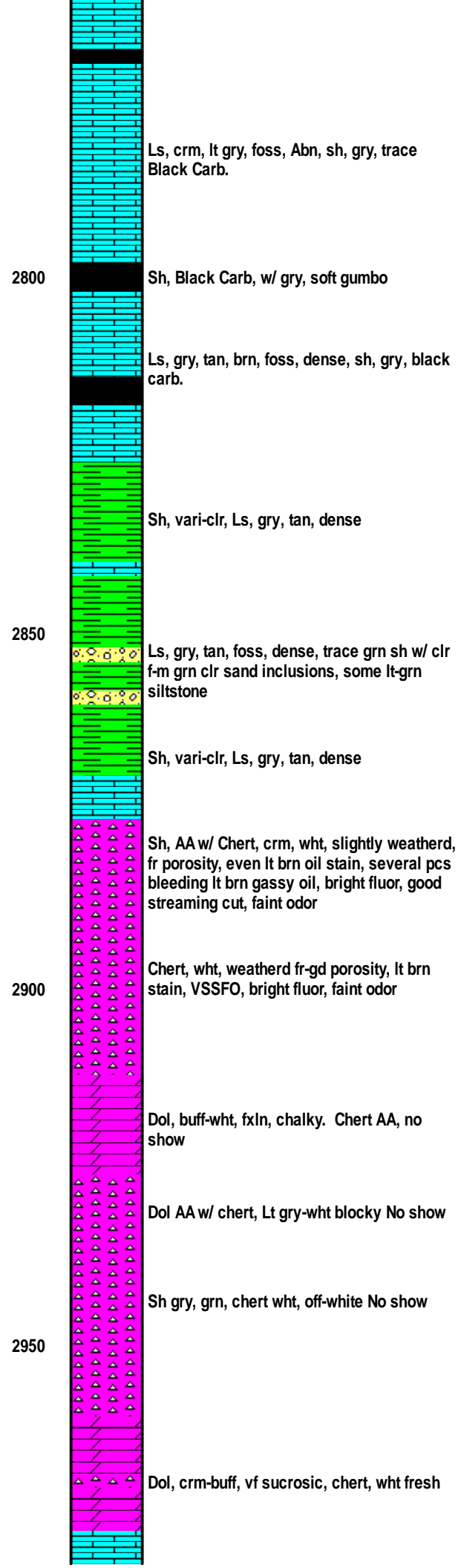
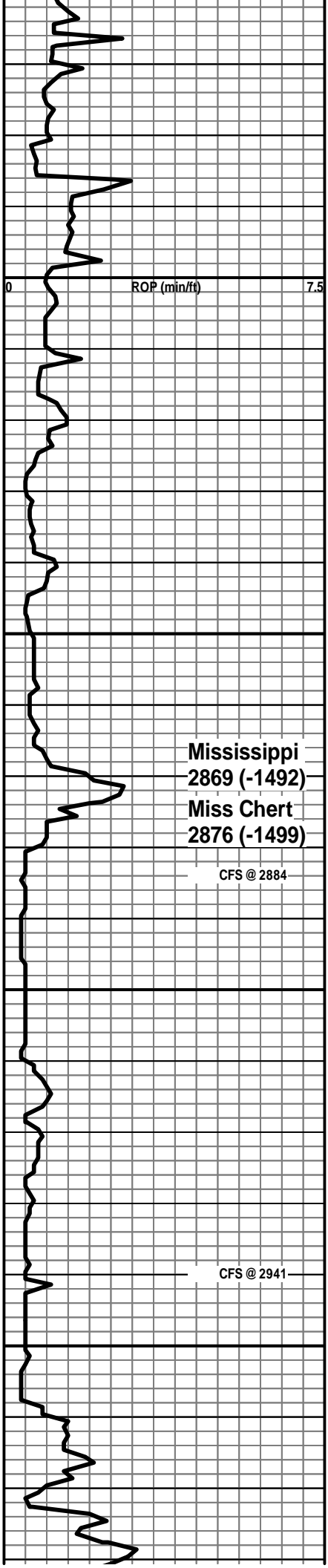
Ls, crm, tan, mxln, good xln porosity No
show

Ls, crm, tan, mxln, good xln porosity No
show





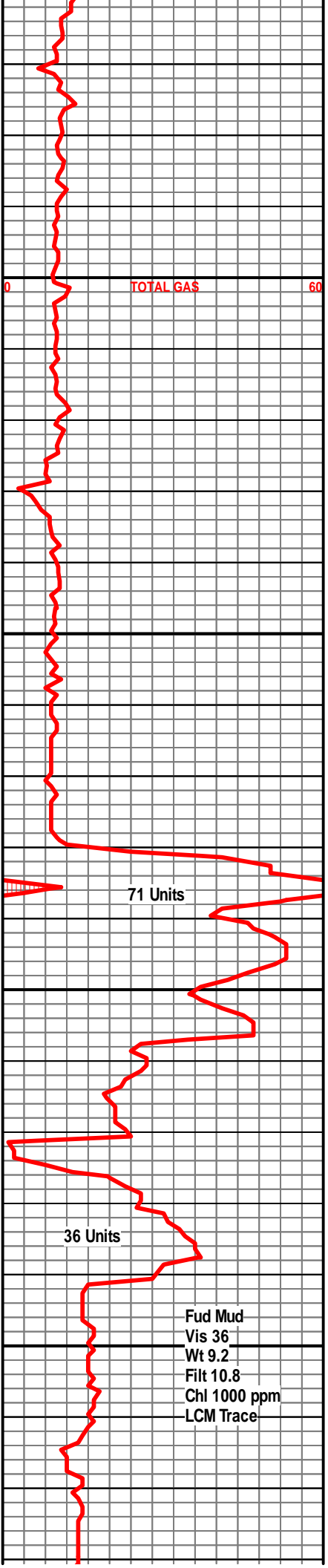


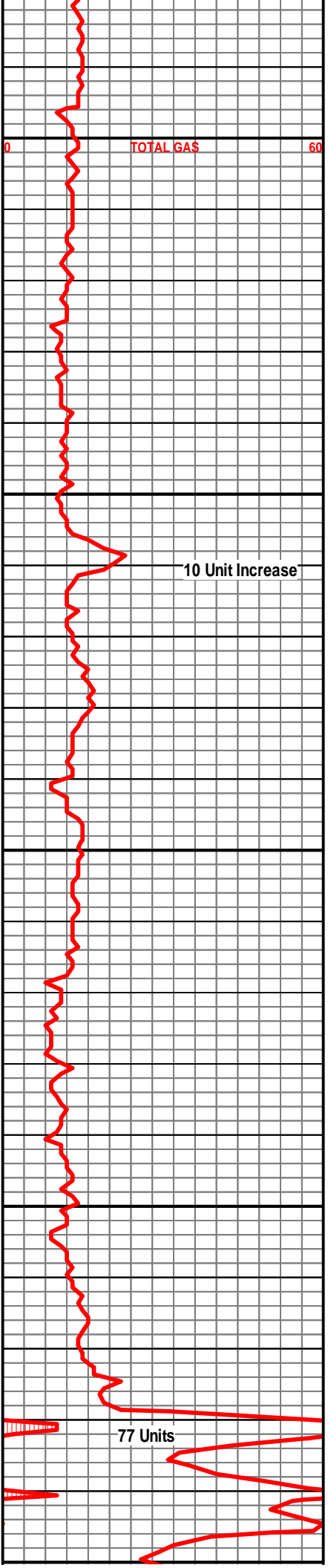
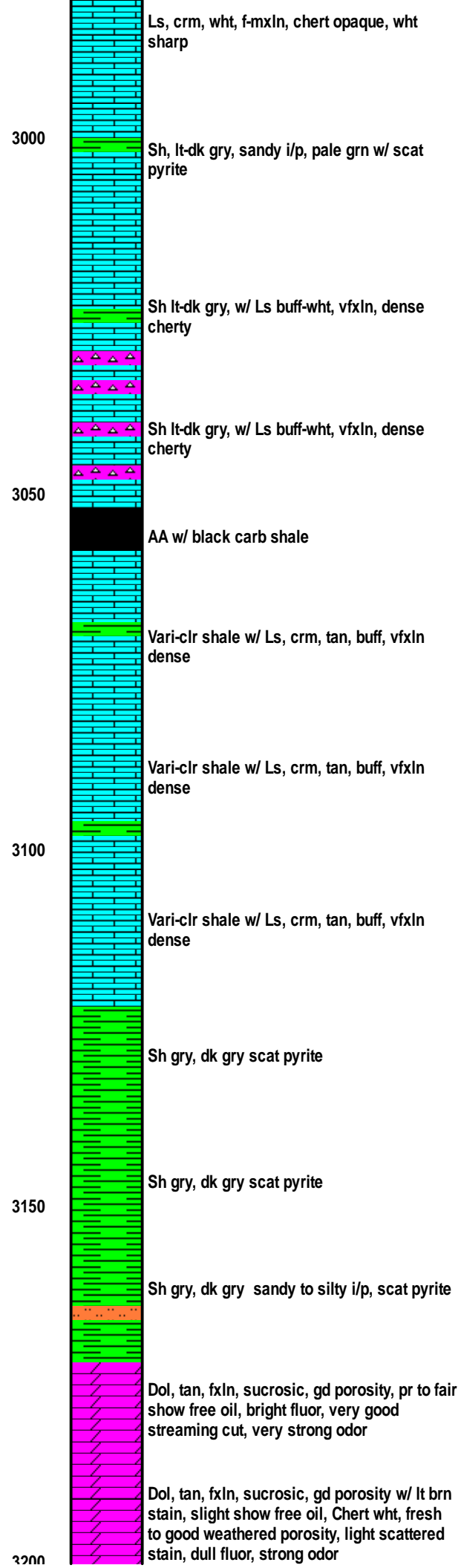
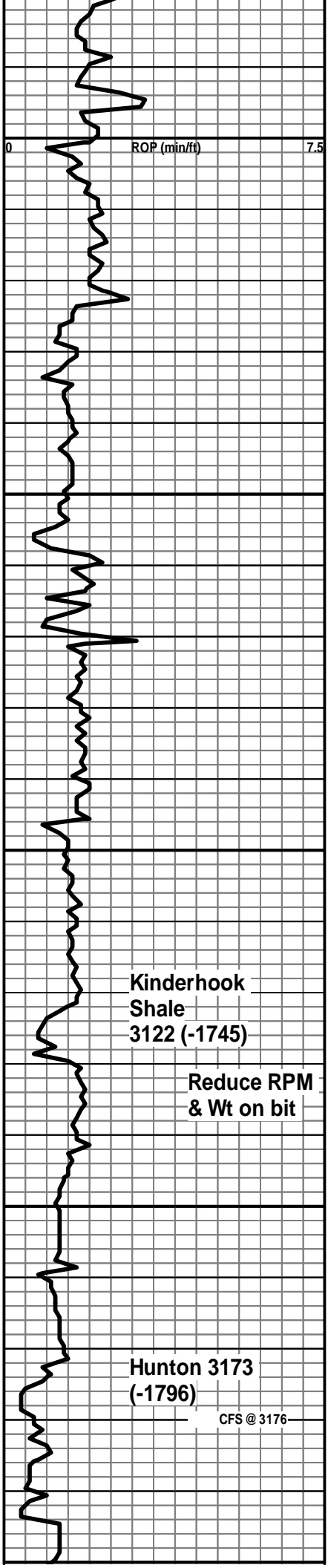


Mississippi
2869 (-1492)
Miss Chert
2876 (-1499)

CFS @ 2884

CFS @ 2941





ROP (min/ft) 7.5

Viola
3212 (-1835)

CFS @ 3236

Simpson
Shale
3258 (-1881)

CFS @ 3277

Arbuckle
3318 (-1941)

3250

3300

3350

3400

Dol AA w/ flood of Sand, brn, v-f grain, argillaceous, scat buff to clear clusters, calc, hard to friable i/p, ? dead stain. Shale pale grn

Sand AA w/ Dol, tan, brn, gry, f-m/xln dense, slightly cherty

Sh, gry-grn splintery, trace of sand clusters, clear-wht, v-f grain, sub-round very friable. Abn gry-grn glauconitic clusters, faint odor No show free oil

Sh, gry-grn, trace Sand AA, mostly gry, very fine grain, glauconitic & pyritic

Sand, clear, f-grain, sub-round, fair intergranular porosity, friable. Lt brown oil sat w/ fr-good show free oil when crushed, Bright fluor, good odor, good streaming cut. Abn grn shale

Dol, crm-tan, buff, vfxln, dense cherty w/ scat wht, tan chert. No show

Dol, crm-buff, wht, fxl, chert wht, weathered. 1 pc Dol w/ VSSFO on break. All w/ bright fluor, faint odor

Dol, tan, f-m/xln sucrosic, fr porosity, No show

Dol, crm-buff, f-m/xln dense

Dol, crm, tan, fxl Abn calcite filled fractures, scat calcite and soft white chalk

TOTAL GAS

Vis 43
Wt 9.4

RTD 3390'
3:15 AM
12/4/20