



KANSAS CORPORATION COMMISSION 1128316  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

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
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date      Date Reached TD      Completion Date or Recompletion Date

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

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total 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**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1128316

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

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
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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> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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# ALLIED OIL & GAS SERVICES, LLC

KB  
052915

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
Liberal KS

DATE <u>1-29-13</u>	SEC <u>30</u>	TWP <u>25</u>	RANGE <u>41 W</u>	CALLED OUT	ON LOCATION <u>10 PM</u>	JOB START <u>03:00</u>	JOB FINISH <u>04:00</u>
LEASE <u>Buhrie</u>	WELL# <u>1-30</u>	LOCATION <u>Syracuse</u>	COUNTY <u>Hamilton</u>	STATE <u>KS</u>			
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR <u>Muffin #25</u>	OWNER <u>Western Operating</u>
TYPE OF JOB <u>Surface</u>	
HOLE SIZE <u>12 1/4</u>	T.D. <u>800</u>
CASING SIZE <u>8 7/8 24#</u>	DEPTH <u>800</u>
TUBING SIZE	DEPTH <u>300</u>
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <u>1500</u>	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT <u>48.881</u>	
EQUIPMENT	
PUMP TRUCK CEMENTER <u>Ruben chaires - Kelly Taylor</u>	
# <u>531-541</u> HELPER <u>Cesar Pavia ?</u>	
BULK TRUCK	
# <u>456-251</u> DRIVER <u>aldo espinosa ?</u>	
BULK TRUCK	
#	DRIVER

CEMENT		
AMOUNT ORDERED		
<u>Lead 65/35/6 class A/102/gel 3% cc 1/4" x</u>		
<u>Tail 150SKs class A</u>		
COMMON <u>345SKs</u>	@ <u>17.96</u>	<u>6175.50</u>
POZMIX <u>105SKs</u>	@ <u>9.35</u>	<u>981.75</u>
GEL <u>18SKs</u>	@ <u>23.40</u>	<u>421.20</u>
CHLORIDE	@	
ASC	@	
<u>Flow-seal 75#</u>	@ <u>2.97</u>	<u>222.75</u>
<u>CC 9SKs</u>	@ <u>64.00</u>	<u>576.00</u>
	@	
	@	
	@	
	@	
	@	
	@ <u>2.48</u>	<u>1534.24</u>
HANDLING <u>528</u>	@ <u>2.60</u>	<u>1374.80</u>
MILEAGE <u>1614.26</u>	@ <u>2.60</u>	<u>4197.07</u>

REMARKS:  
Got back 50 BBI cont returns

1614.25  
TOTAL 13,473.07  
13,908.51

CHARGE TO: Western Operating  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

DEPTH OF JOB <u>800 Ft</u>	
PUMP TRUCK CHARGE	<u>2058.50</u>
EXTRA FOOTAGE	@
MILEAGE <u>1614</u>	@
MANIFOLD <u>and cement head 1</u>	@ <u>275.00</u> <u>275.00</u>
<u>Heavy Vehicle 75</u>	@ <u>7.70</u> <u>577.50</u>
<u>Light Vehicle 75</u>	@ <u>4.40</u> <u>330.00</u>

TOTAL 3241.00

To: Allied Oil & Gas 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 Reynold BGC  
SIGNATURE [Signature]

PLUG & FLOAT EQUIPMENT		
<u>3- 8 5/8 Centralizers</u>	@ <u>74.88</u>	<u>224.64</u>
<u>1- AFV insert</u>	@ <u>446.94</u>	<u>446.94</u>
<u>1- 8 5/8 wooden top plug</u>	@ <u>107.64</u>	<u>107.64</u>
	@	
	@	

TOTAL 779.22

SALES TAX (If Any) 668.41  
TOTAL CHARGES 17443.29 17828.73  
DISCOUNT 24 3598.66 IF PAID IN 30 DAYS

NET = 14394.63 3595.74  
14394.63

# Petrolific Consulting Services

**Peter Debenham**

P.O. Box 350  
Drake, Colorado 80515

**Wellsite Geology**

720/220-4860  
petrolific@earthlink.net

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

Well Name: Western Operating Company, Buhrle No. 1-30  
Location: 1650'FSL & 1320'FEL, Section 30, 25S, R41W, Hamilton Co., KS  
Licence Number: API: 15-075-20863 Region: Hougoton  
Spud Date: 1/28/13 Drilling Completed: 2/6/13  
Surface Coordinates: 1650'FSL & 1320'FEL, Section 30, 25S, R41W, Hamilton Co., KS  
Bottom Hole Coordinates: 1650'FSL & 1320'FEL, Section 30, 25S, R41W, Hamilton Co., KS  
Ground Elevation (ft): 3573' K.B. Elevation (ft): 3585'  
Logged Interval (ft): 5000' To: TD Total Depth (ft): 5485'  
Formation: Morrow, Keyes, Mississippi  
Type of Drilling Fluid: Chemical Gel/LSND/LCM, mud up 3500'

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

## OPERATOR

Company: Wester Operating Company  
Address: 518th 17th Street, Suite 200  
Denver, CO 80202  
Pres.: Steve James

## GEOLOGIST



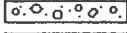

Name: Wellsite: Peter Debenham  
Company: Petrolific Consulting Services  
Address: P.O. Box 350  
Drake, CO 80515  
720/220-4860, Petrolific@gmail.com

## Comments

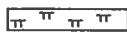

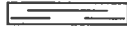
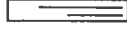
Mrufin Rig. No. 25, T.P. Ray Bland, jackknife tripple stand, Service Mud/MudCo., Engineer Tony Maestas, Trilobite Testing, Weatherford logs. 19 joints of 8 5/8" 24 Lbs/ft set at 800'. Plugged and abandoned 2/7/13.

## ROCK TYPES

 Anhy  
 Bent  
 Brec  
 Cht

 Clyst  
 Coal  
 Congl  
 Dol

 Gyp  
 Igne  
 Lmst  
 Meta

 Mrlst  
 Salt  
 Shale  
 Shcol

 Shgy  
 Slstst  
 Ss  
 Till

**ACCESSORIES**

**FOSSIL**

- Algae
- Amph
- Belm
- Bioclst
- Brach
- Bryozoa
- Cephal
- Coral
- Crin
- Echin
- Fish
- Foram
- Fossil
- Gastro
- Oolite

- Ostra
- Pelec
- Pellet
- Pisolite
- Plant
- Strom

**MINERAL**

- Anhy
- Arggrn
- Arg
- Bent
- Bit
- Brefracg
- Calc
- Carb

- Chtdk
- Chtlt
- Dol
- Feldspar
- Ferrpel
- Ferr
- Glau
- Gyp
- Hvymin
- Kaol
- Marl
- Minxl
- Nodule
- Phos
- Pyr
- Salt

- Sandy
- Silt
- Sil
- Sulphur
- Tuff

**STRINGER**

- Anhy
- Arg
- Bent
- Coal
- Dol
- Gyp
- Ls
- Mrst
- Sltstrg

- Ssstrg

**TEXTURE**

- Boundst
- Chalky
- Cryxln
- Earthy
- Finexln
- Grainst
- Lithogr
- Microxln
- Mudst
- Packst
- Wackest

**OTHER SYMBOLS**

**INTERVALS**

- Core
- Dst

**EVENTS**

- Rft
- Sidewall

**POROSITY TYPE**

- Earthy
- Fenest
- Fracture
- Inter
- Moldic
- Organic

- Pinpoint
- Vuggy

**SORTING**

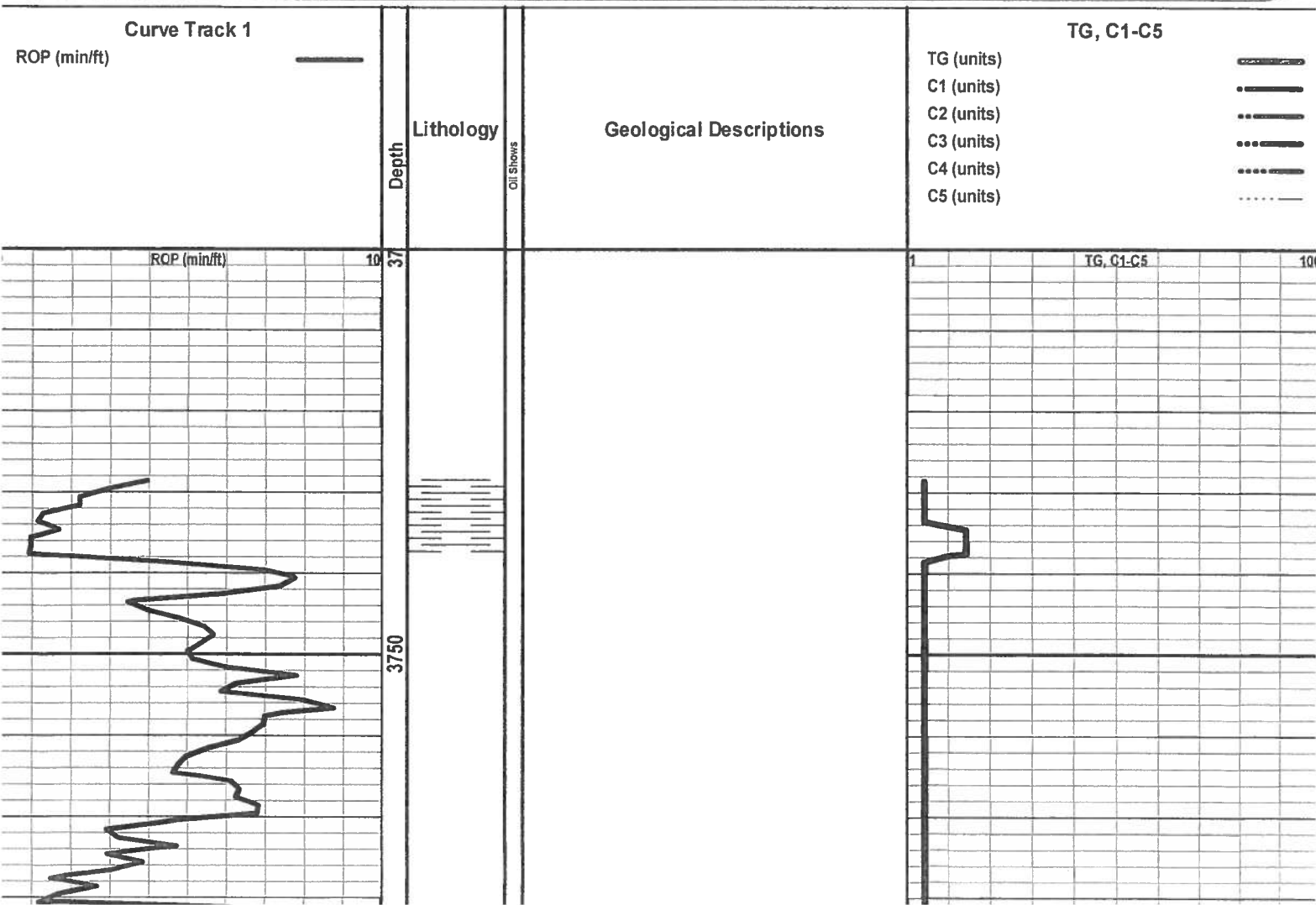
- Well
- Moderate
- Poor

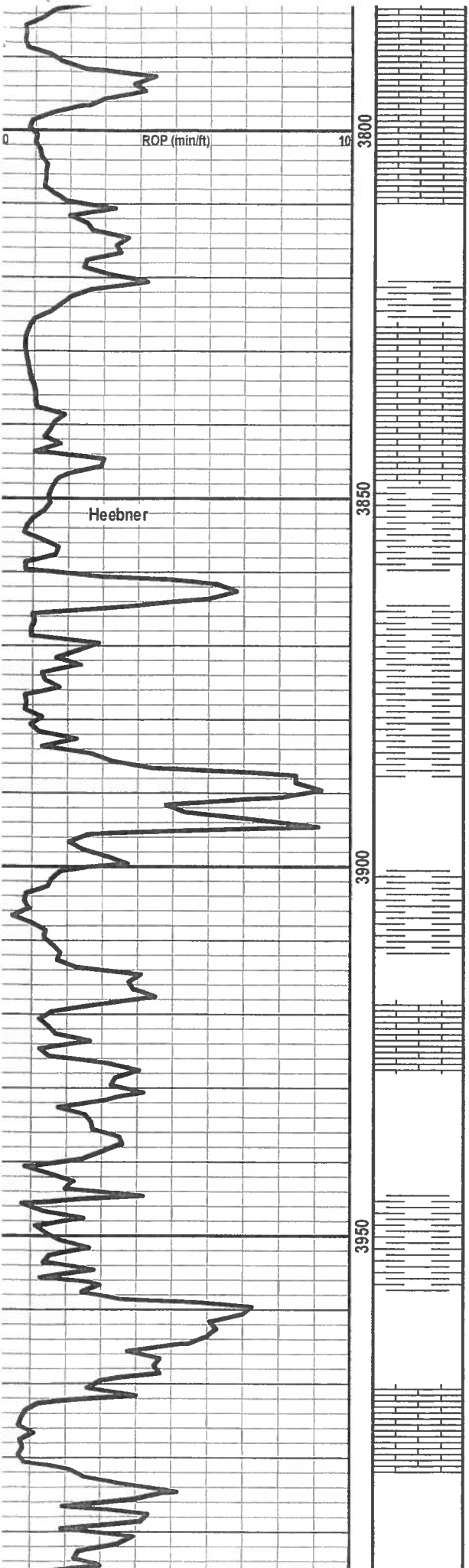
**ROUNDING**

- Rounded
- Subrnd
- Subang
- Angular

**OIL SHOWS**

- Even
- Spotted
- Ques
- Dead

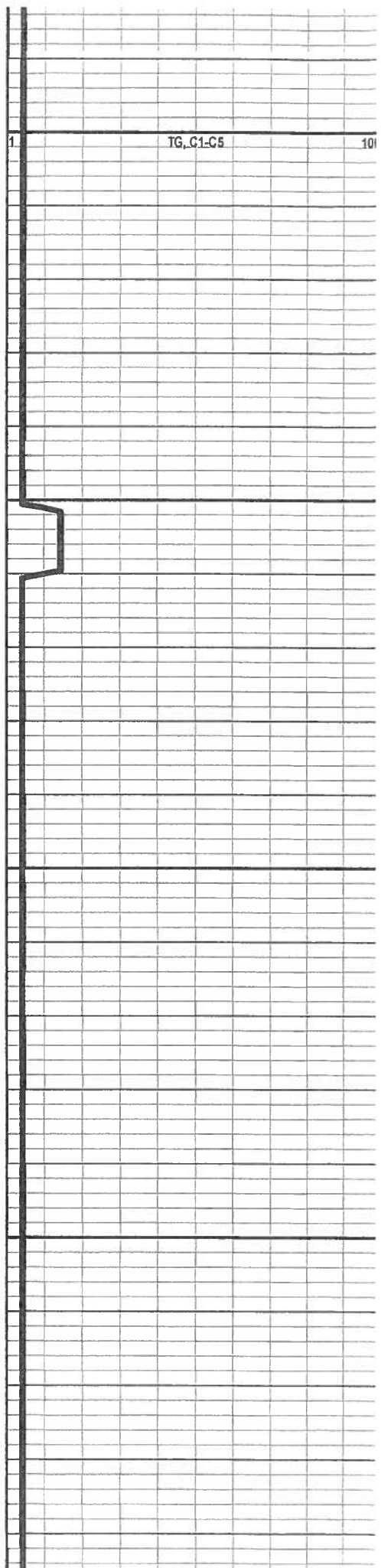




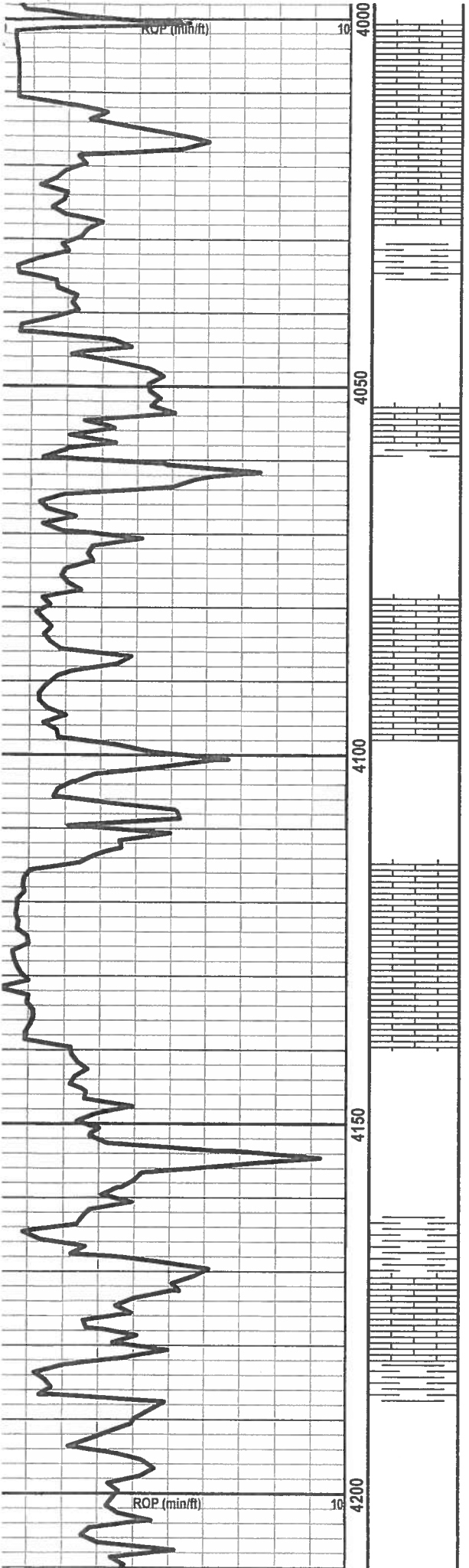
LS: Wh sf v chky brit occ suc with exc intgran  
por no show

SH: Blk dk gy to brn sbfis carb with SH: Gy bri  
redbm gygn wxy

LS: Wh sft to frm chky cin occ intxln por no  
show



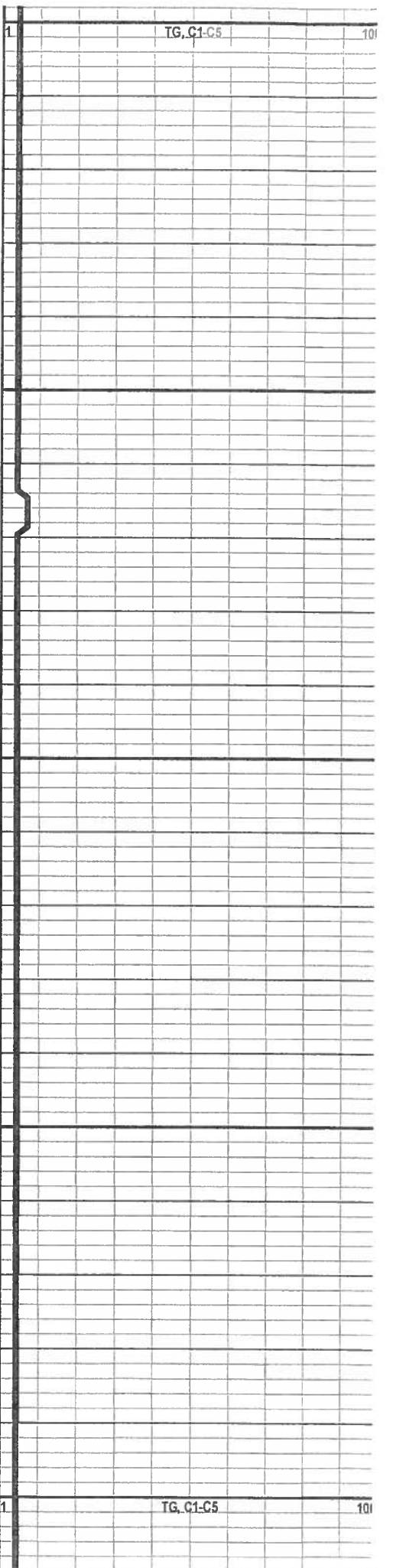




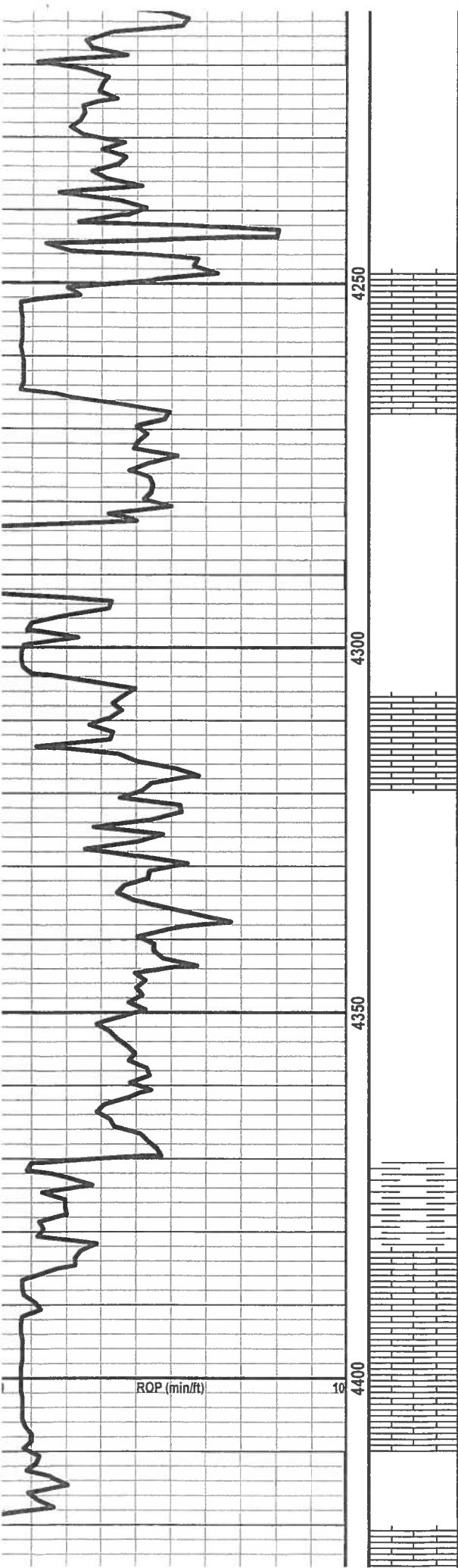
LS: Lt brn bf wh oomicr micxl n exc oomoldic & occ intpart por no flor no stn or cut

LS: Wh bf lt brn micr occ exc oomoldic & intpart por brit cln no flor no stn or cut

LS: Pred aa occ exc oomoldic & intpart por brit cln no flor no stn or cut



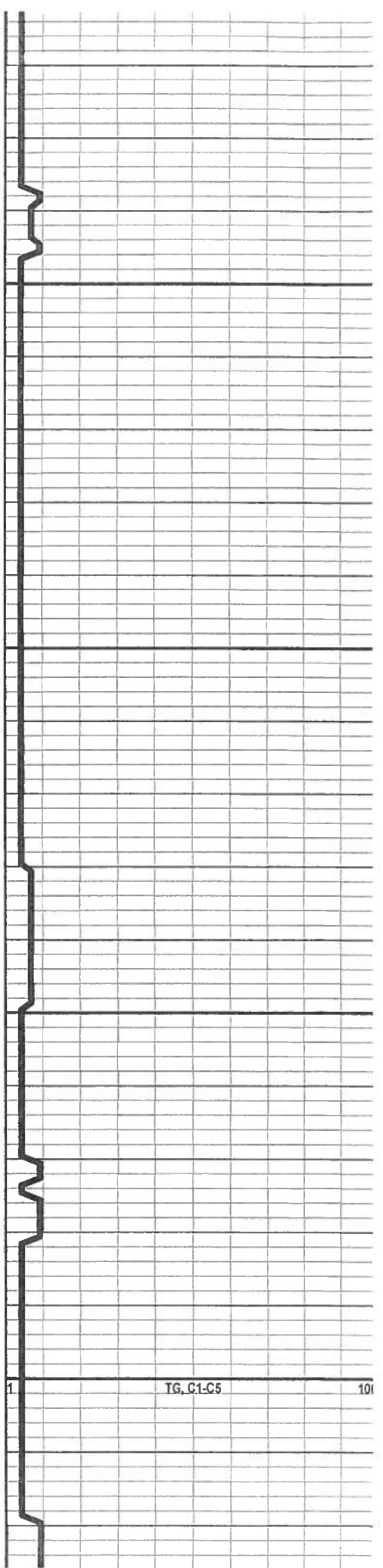




LS: Exc oomoldic por no flor no strn or cut

LS: Wh v sft & amor chky no show

LS: Chky ip occ exc oomoldic por orng mot min flor no strn or cut with SH: Blk dk av sbfis to blkv



Geograph

card

4450

4500

4550

4600

LS: Chky ip occ exc oomoldic por org mot min  
flor no stn or cut with SH: Blk dk gy sbfis to blk  
carb

LS: Chky ip occ exc oomoldic por org mot min  
flor no stn or cut with SH: Blk dk gy sbfis to blk  
carb

LS: Brn to gy micr micxn micsuc ip brit dbchky  
sndy glauc arg slty tr intxn por lt pale yel hydc  
flor(2% sp) fr strmg cut no stn

ROP (min/ft)

Marmaton

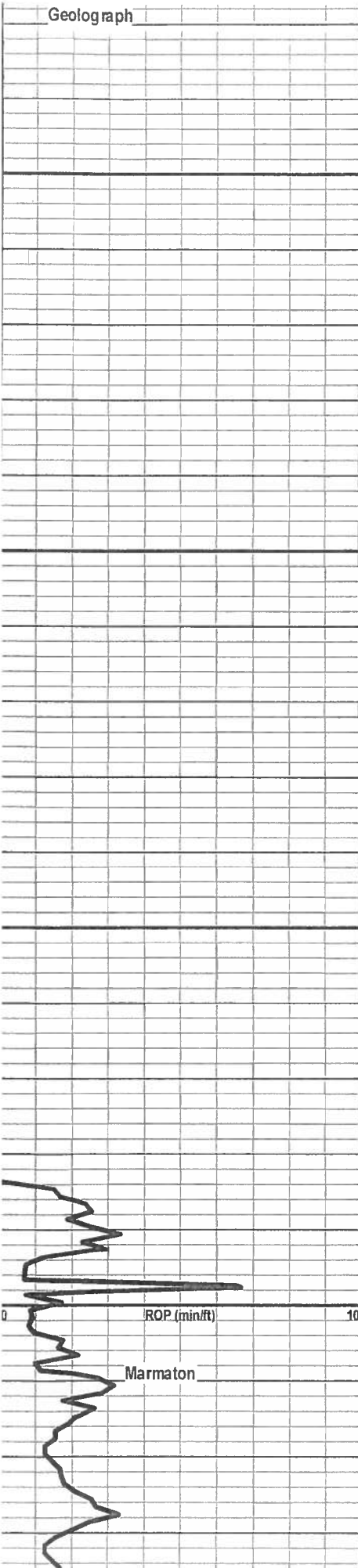
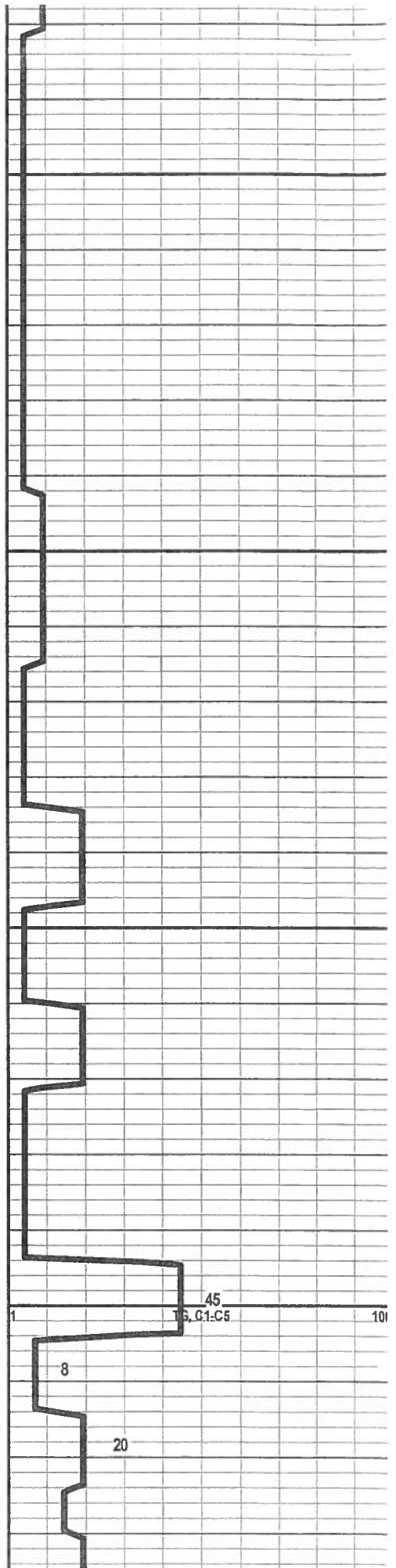
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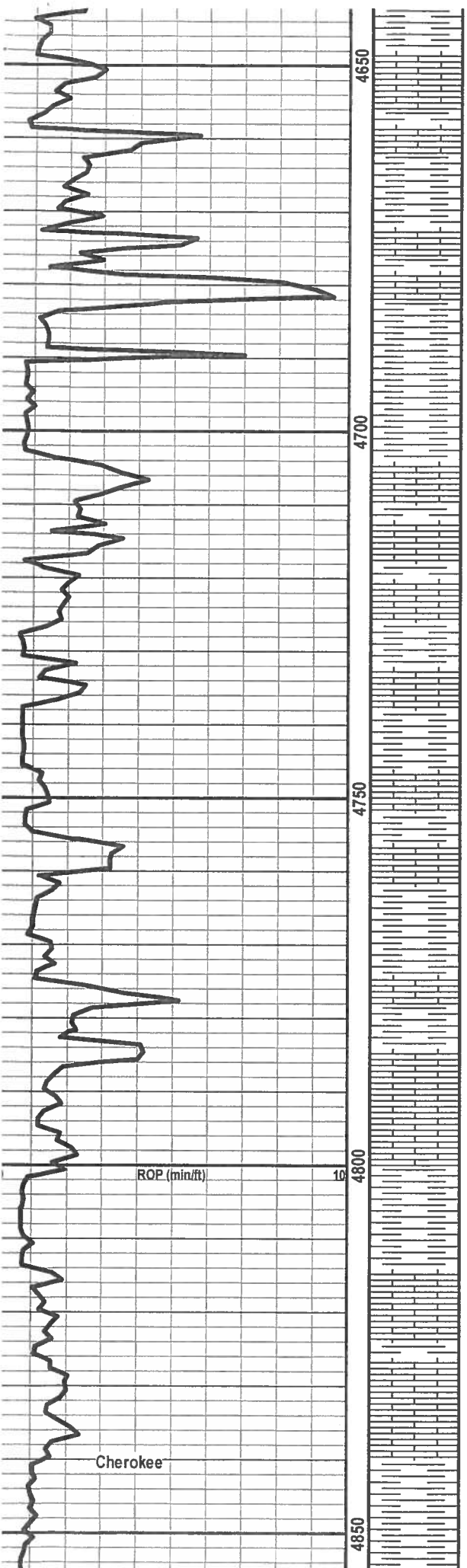
T.G. C1-C5

8

20

10



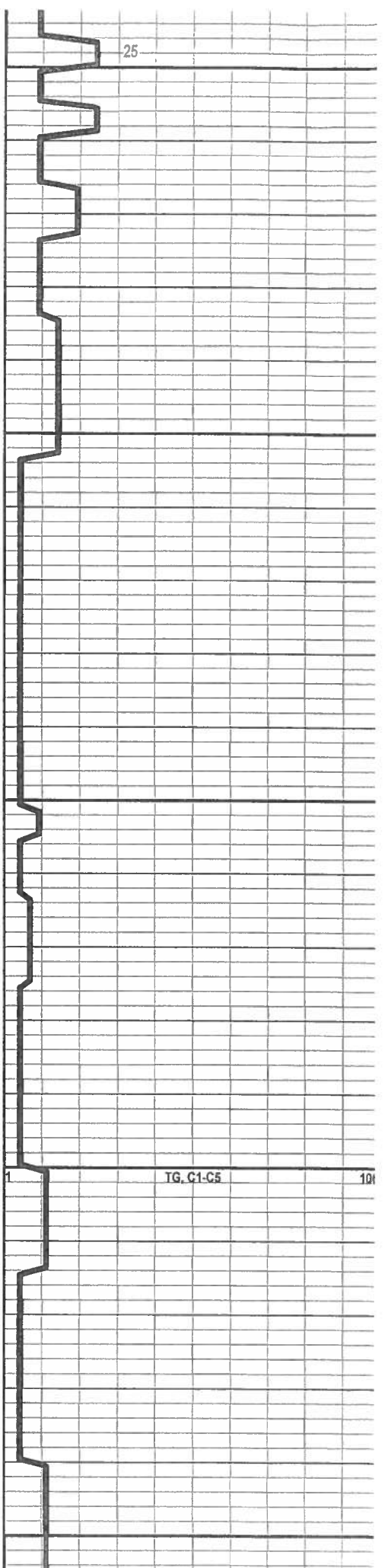


SH: Blk dk gy sbfis carb with LS: Lt to dk brn to gy biomicr foss carb arg to mrlly ip tt to occ moldic & intxln por occ med orng hydc flor & fr cut no stn

SH: Blk dk gy sbfis carb with LS: Lt to dk brn to gy biomicr foss carb arg to mrlly ip tt to occ moldic & intxln por no flor no stn or cut

SH: Blk fis carb

SH: Blk dk gy sbfis carb with LS: Lt to dk brn to gy biomicr foss carb arg to mrlly ip tt to occ moldic & intxln por no flor no stn or cut

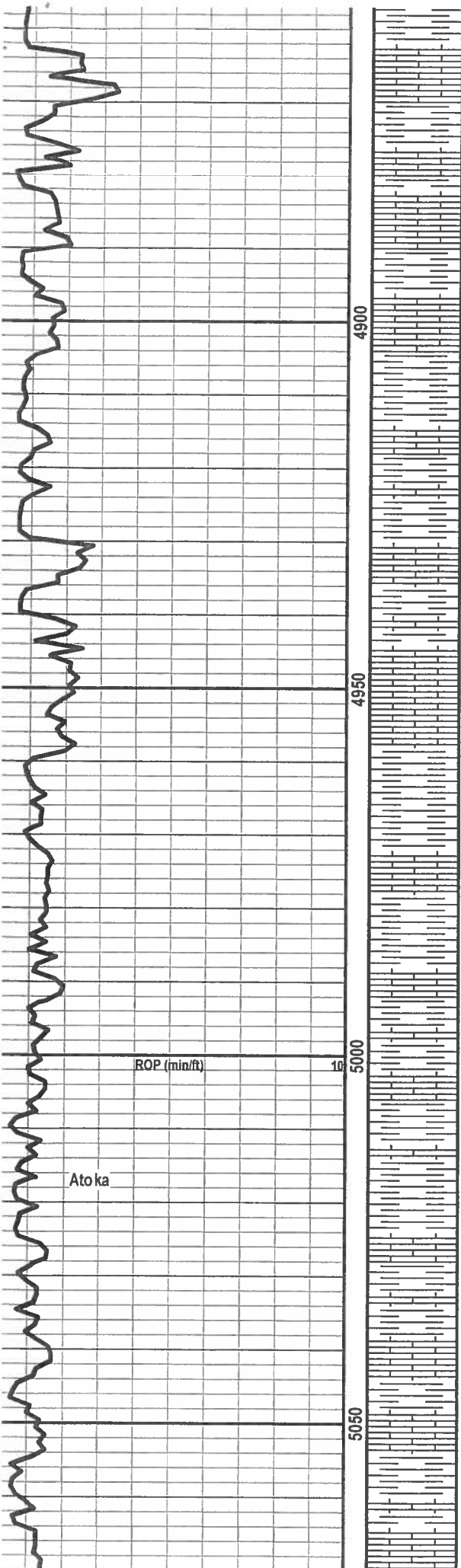


25

TG, C1-C5

10

Cherokee



SH: Blk dk gy sbfis carb with LS: Lt to dk brn to gy biomcr foss carb arg to mrly ip tt to occ moldic & intxln por no flor no stn or cut

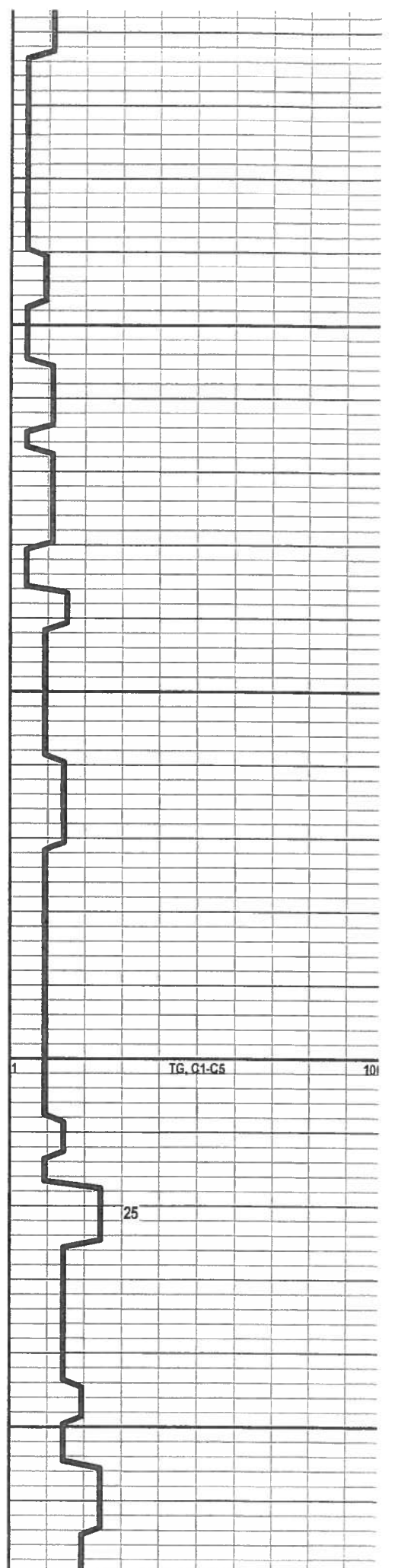
SH: Blk dk gy sbfis carb with LS: Lt to dk brn to gy biomcr foss carb arg to mrly ip tt to occ moldic & intxln por no flor no stn or cut

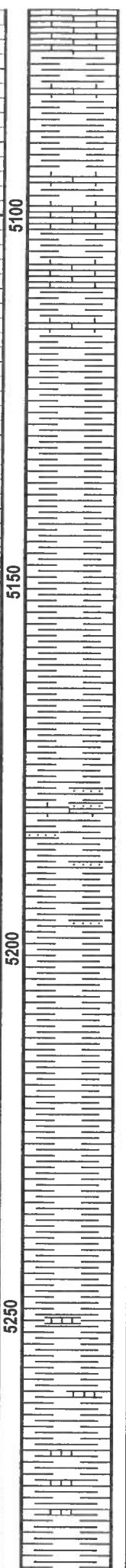
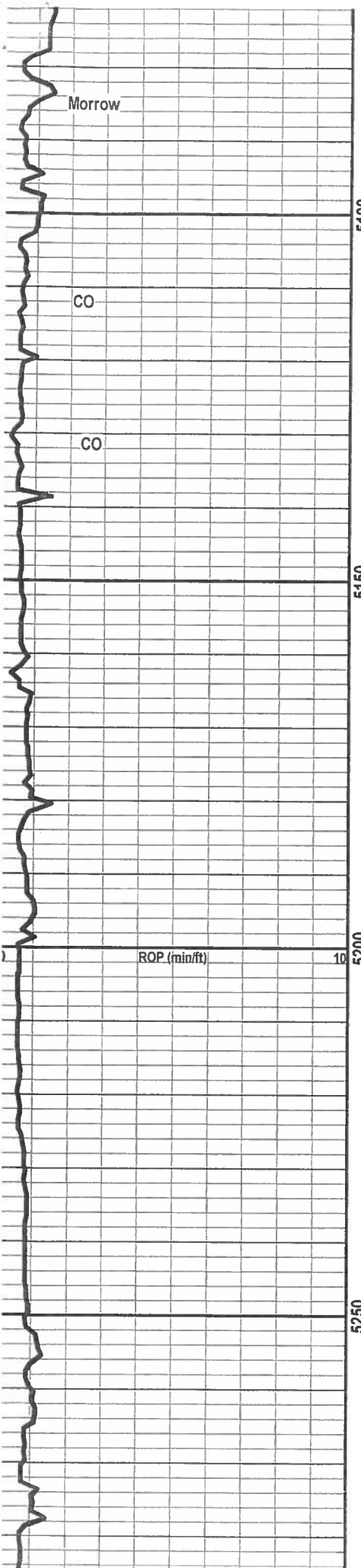
SH: Blk dk gy to brn frm sbfis carb intbd with LS: Med to dk brn to gy occ blk crpxln hd dns arg to mrly ip foss tt no show

SH: Blk dk gy to brn frm sbfis carb intbd with LS: Med to dk brn to gy occ blk crpxln hd dns arg to mrly ip foss tt no show

LS: Brn to gy occ blk micr crpxln hd dns mrly ip foss tt no show

LS: Mot gy occ blk micr crpxln hd dns arg to





SH: Blk k gy dk gygn frm blk to sbfis carb calc wxy to slty/sndy ip pyr mica occ intbd with LS: Mot gy to bm blk crpxln hd dns carb sndy ip tt no show

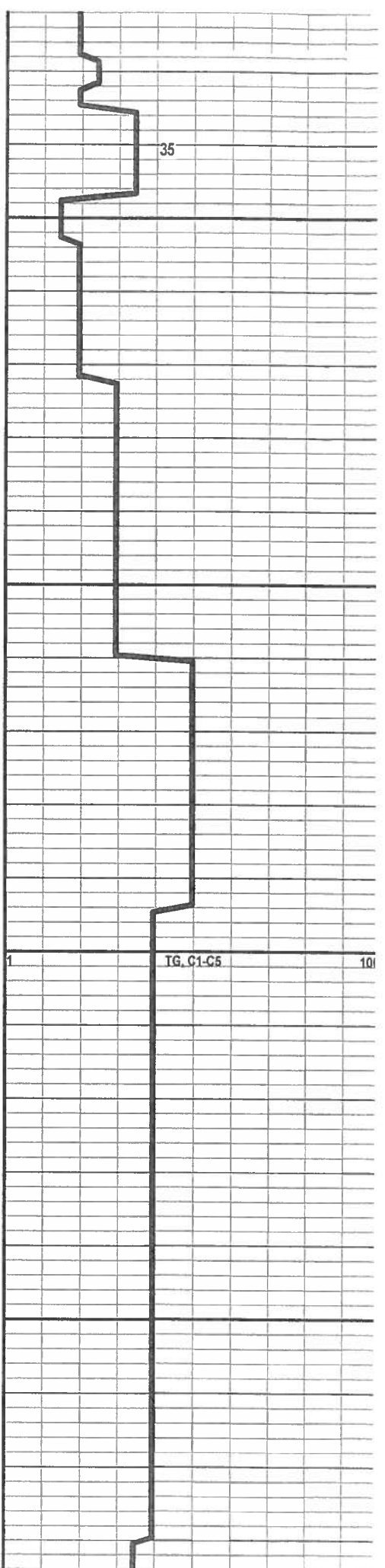
SH: dk gy brn blk wxy to sndy ip sbfis to blk carb calc pyr mica

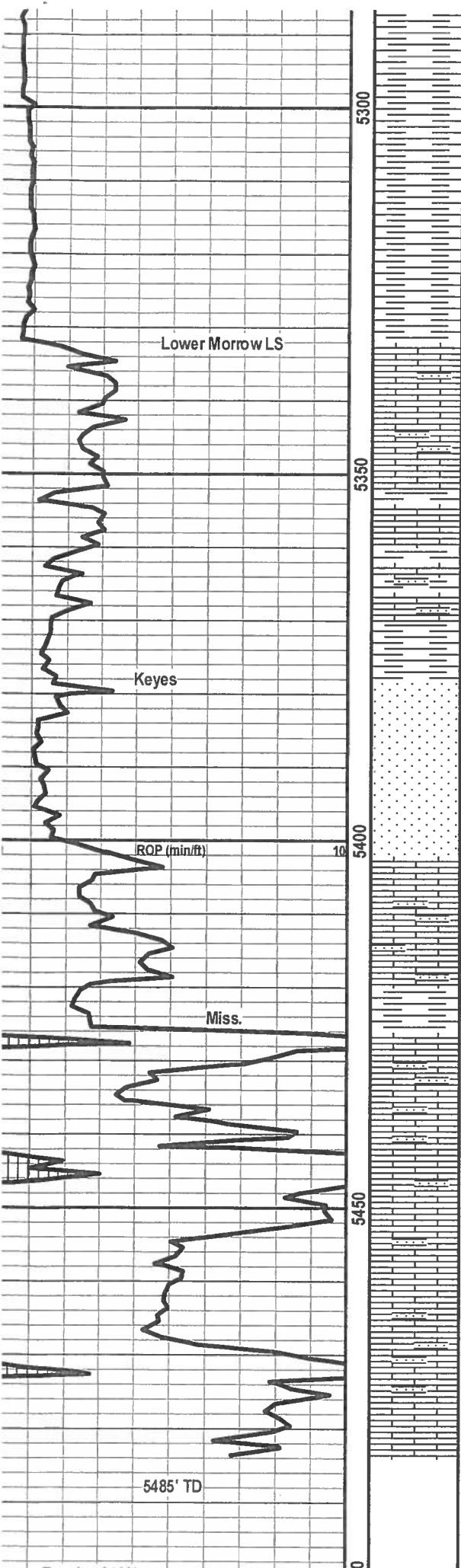
SH: dk gy brn blk wxy to sndy ip sbfis to blk carb calc pyr mica

Tr LS: Mot brn gy f xln v sndy ip p vis por no flor no stn or cut with sndy SH: Pred aa

SH: Blk frm fis carb

SH: Blk dkl brn to gy frm wxy v calc ip & occ grdng to mrlly LS: Mot brn crpxln hd dns arg tt no show





SH: Blk frm fis carb

LS: Med to dk mot brn to gy blk micr crpxln hd dns arg to mrly ip sndy glauc intbd with SH: Blk dk bm frm wxy carb

LS: Med to dk mot brn to gy blk micr crpxln hd dns arg to mrly ip sndy glauc intbd with SH: Blk dk bm frm wxy carb

SH: Blk frm sbfis to fis carb wxy

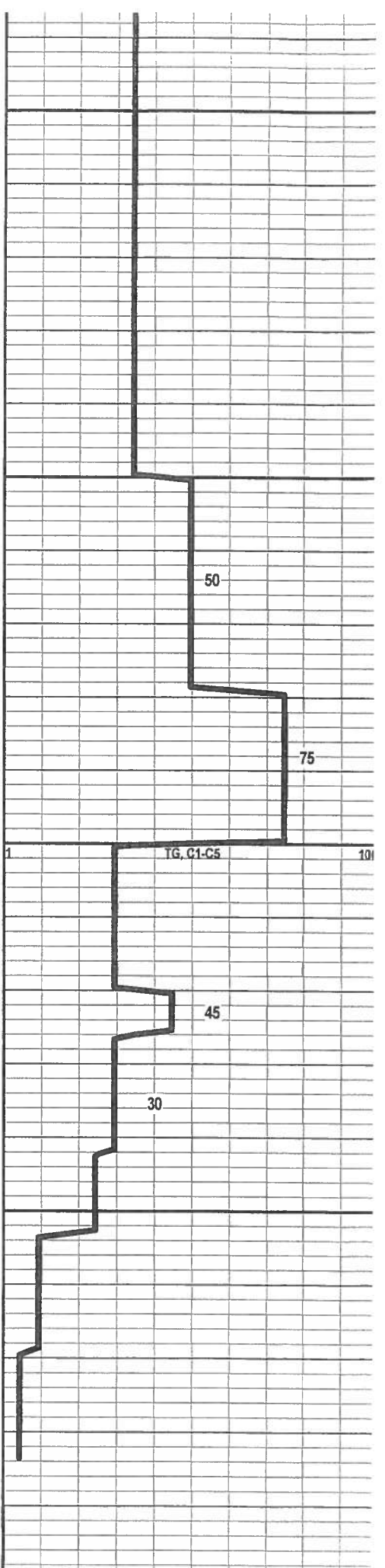
SS: Spec gn s&p hd dns vf w srt d sbrnd grs v glauc calc cmt carb p vis por no flor no stn or cut

LS: Med to dk mpot brn gy gygn s&p spec gn f xln dns mrly ip carb v sndy & glauc grdng to SS: Spec gn s&p hd dns vf w srt d sbrnd grs v glauc calc cmt carb p vis por no flor no stn or cut

SH: Blk dk gy wxy frm fis carb

LS: Lt brn bf occ wh micxln micsuc ip brit cln sndy p vis por no flor no stn or cut

LS: Lt brn bf occ wh micxln micsuc ip brit cln sndy p vis por no flor no stn or cut



Heebner 3852'

Lansing 3883'

Marmaton 4614'

Cherokee 4836'

Atoka 5016'

Morrow 5086'

L. Morrow LS

5332'

Keyes 5380'

Miss. 5424'

TD 5485'

50