

SPP 1721
SPM 95/97

2450

LIMESTONE: TO LIGHT GRAY BROWN, CRYPTO TO MICRO CRYSTALLINE, DENSE, CHALKY, SILTY TO ARGILLACEOUS IN PART, FOSSIL FRAGMENTS, NO TO POOR VISIBLE POROSITY, NSFOC

2500

SILTSTONE: MEDIUM TO DARK GRAY, , CALCAREOUS, ARENACEOUS, CARBONACEOUS IN PART

SHALE: MEDIUM TO DARK GRAY, LIGHT TAN TO MEDIUM BROWN, RED BROWN, SOFT TO FIRM, CALCAREOUS, SILTY, SUBBLOCKY, FLAKEY, PLATY

SHALE: MEDIUM TO DARK GRAY, LIGHT TAN TO MEDIUM BROWN, RED BROWN, BLACK, SOFT TO FIRM, CALCAREOUS, SILTY, SUBBLOCKY, FLAKEY, PLATY, TRACE PYRITIC

WT 9.5
VIS 41

2550

LIMESTONE: OFF WHITE/WHITE, CREAM, LIGHT GRAY, CRYPTO TO VERY FINE CRYSTALLINE, DENSE, NO VISIBLE POROSITY, NSFOC WITH INTERBEDDED SANDSTONE: CLEAR, VERY FINE GRAINED, SUBANGULAR TO ANGULAR, MODERATELY HARD TO UNCONSOLIDATED, CALCAREOUS, SILTY IN PART, POOR VISIBLE POROSITY, NSFOC

SILTSTONE: MEDIUM GRAY, MODERATELY FIRM, CALCAREOUS, MICROMICACEOUS

WOB 18.9
RPM 103
SPP 1911
SPM 94/95

LIMESTONE: WHITE, CREAM TO TAN, LIGHT GRAY, CRYPTO TO VERY FINE CRYSTALLINE, DENSE, NO VISIBLE POROSITY, NSFOC WITH INTERBEDDED MEDIUM TO DARK GRAY, BROWN RED SHALE, TRACE FREE PYRITE

WT 9.6
VIS 43

2600

LIMESTONE: TAN TO LIGHT BROWN, MICRO TO VERY FINE CRYSTALLINE, DENSE, CHALKY, SOFT TO FIRM, TRACE PYRITIC, NO TO POOR VISIBLE POROSITY, NSFOC

SHALE: MEDIUM TO DARK GRAY, LIGHT TAN TO MEDIUM BROWN, SOFT TO FIRM, SILTY, PLATY, CALCAREOUS

ROP (min/ft)

TG, C1-C5

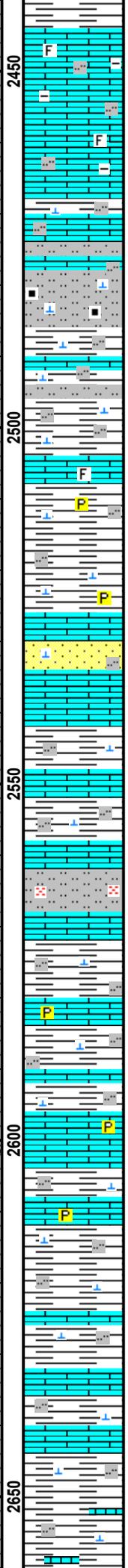
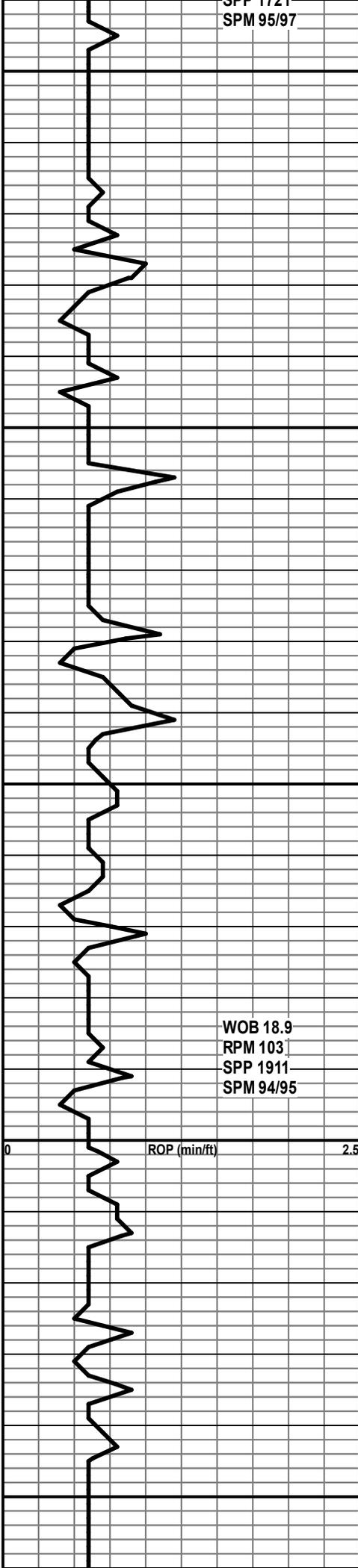
300

2650

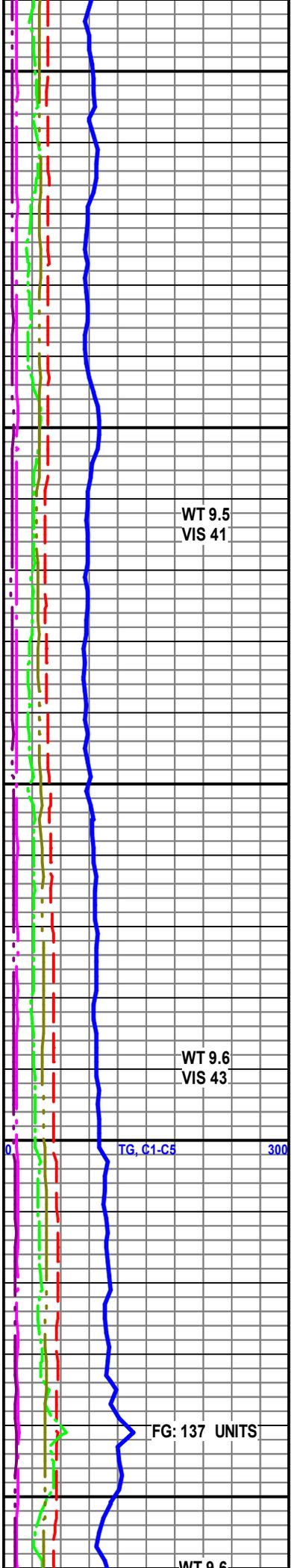
SHALE: MEDIUM TO DARK GRAY, LIGHT TAN TO MEDIUM BROWN, SOFT TO FIRM, SILTY, PLATY, SPLINTERY, CALCAREOUS WITH LIMESTONE STRINGERS

FG: 137 UNITS

WT 9.6



Vertical column of lithological descriptions for different depth intervals, including limestone, siltstone, and shale with detailed characteristics.



WT 9.8
VIS 42

SHALE: MEDIUM TO DARK GRAY, LIGHT TAN TO MEDIUM BROWN, BROWN RED, SOFT TO FIRM, SILTY, PLATY, CALCAREOUS WITH LIMESTONE STRINGERS

LIMESTONE: OFF WHITE, CREAM, MOTTLED TAN, CRYPTO TO VERY FINE CRYSTALLINE, FIRM TO MODERATELY HARD, DENSE, ARENACEOUS IN PART, SLIGHTLY ARGILLACEOUS IN PART, TRACE TRANSLUCENT CHERT, NO TO POOR VISIBLE POROSITY, NSFOC

SANDSTONE: CLEAR, TRANSLUCENT, VERY FINE TO FINE GRAIN, SUBANGULAR, MODERATELY HARD, MODERATE SORTING, POOR VISIBLE POROSITY, CALCAREOUS, NSFOC

LIMESTONE: WHITE, CREAM TO TAN, LIGHT GRAY, MOTTLED TAN, CRYPTO TO VERY FINE CRYSTALLINE, DENSE, NO VISIBLE POROSITY, NSFOC WITH INTERBEDDED SANDSTONE: TRANSLUCENT, VERY FINE GRAINED, SUBANGULAR TO ANGULAR, MODERATELY HARD TO UNCONSOLIDATED, CALCAREOUS, POOR TO MODERATE SORTING, POOR VISIBLE POROSITY, NSFOC

SHALE: MEDIUM TO DARK GRAY, LIGHT TAN TO MEDIUM BROWN, PALE GREEN, SOFT TO FIRM, CALCAREOUS, MICROMICACEOUS, SILTY WITH SILTSTONE STRINGERS, PLATY, SUBWAXY IN PART

LIMESTONE: CREAM, OFF WHITE, CRYPTO TO MICRO CRYSTALLINE, DENSE, NO TO POOR VISIBLE POROSITY, NSFOC

SILTSTONE: MEDIUM TO DARK GRAY, MODERATELY FIRM TO FIRM, CALCAREOUS, PYRITIC, MICROMICACEOUS WITH SHALE STRINGERS

SHALE: MEDIUM TO DARK GRAY, LIGHT TAN TO MEDIUM BROWN, PALE GREEN, SOFT TO FIRM, CALCAREOUS, MICROMICACEOUS, SILTY WITH SILTSTONE STRINGERS, PLATY, SUBWAXY IN PART

2,714'
WT 9.95
VIS 44
PV 9
YP 16
FIL 14.0
SOL 11.9
pH 8.6
CI 4.5K

FG: 165 UNITS

TG, 1-C5

300

WOB 18.0
RPM 103
SPP 1885
SPM 95/95

ROP (min/ft)

2700

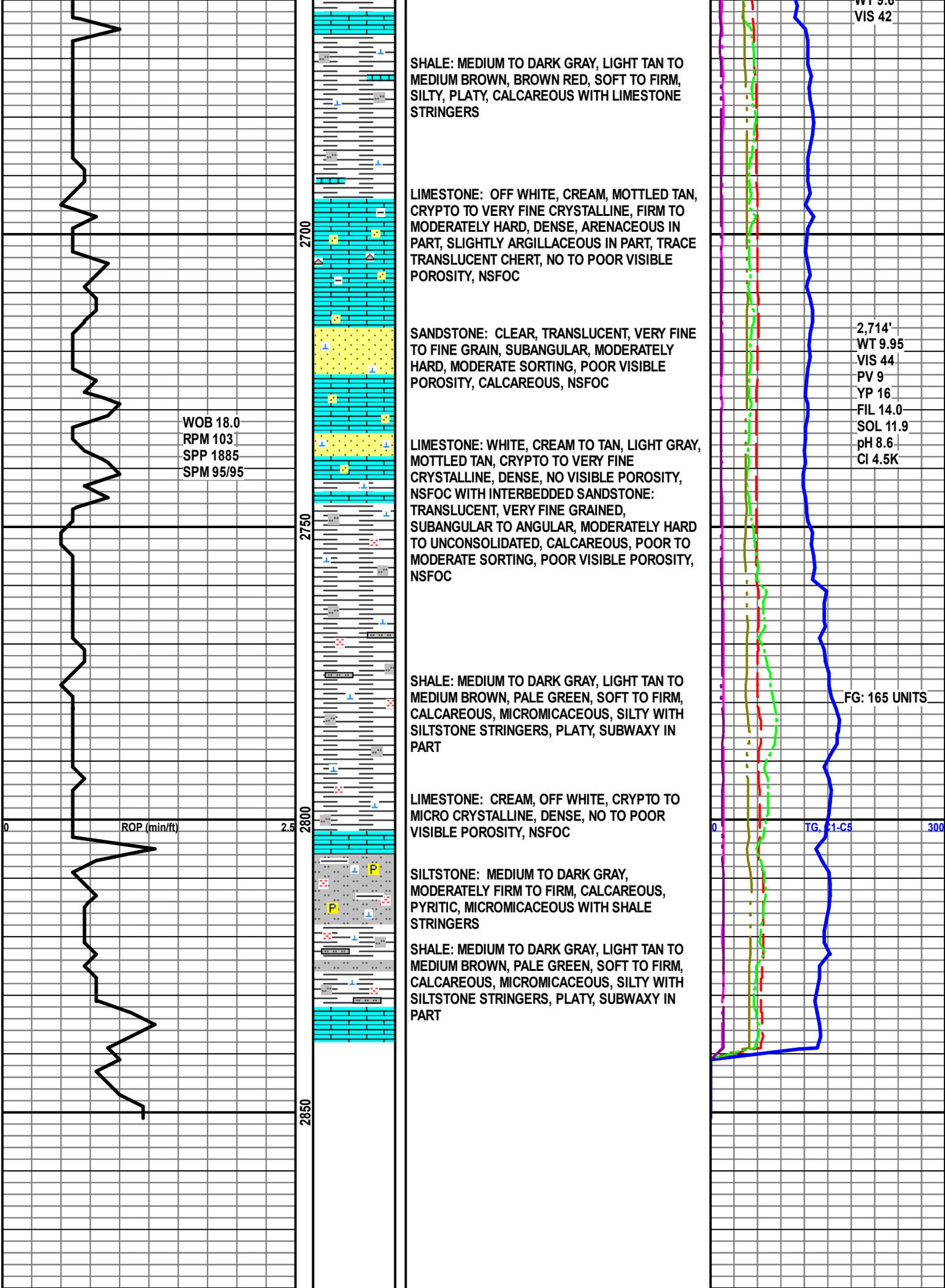
2750

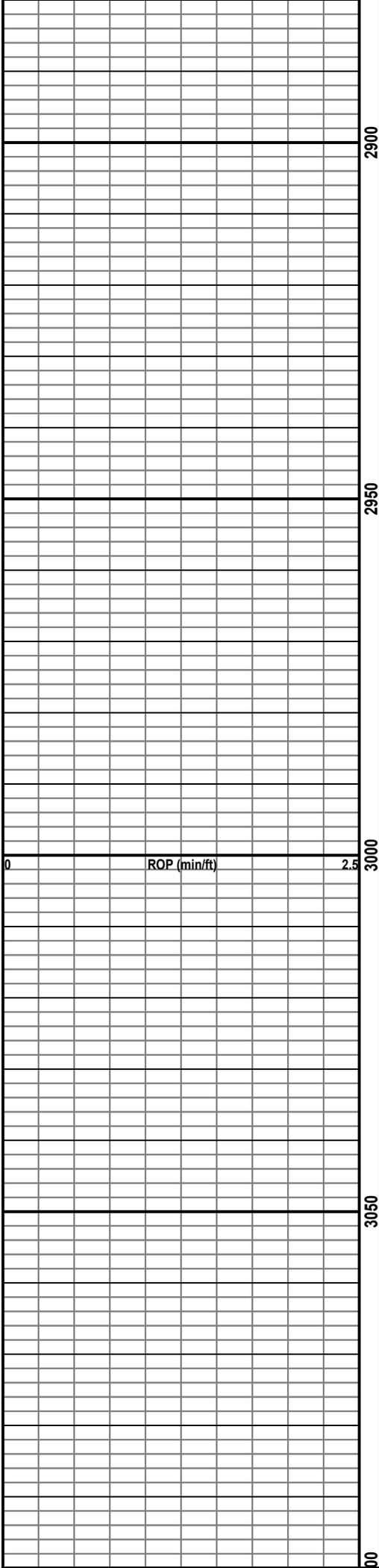
2800

2850

0 2.5

0 300





2900

2950

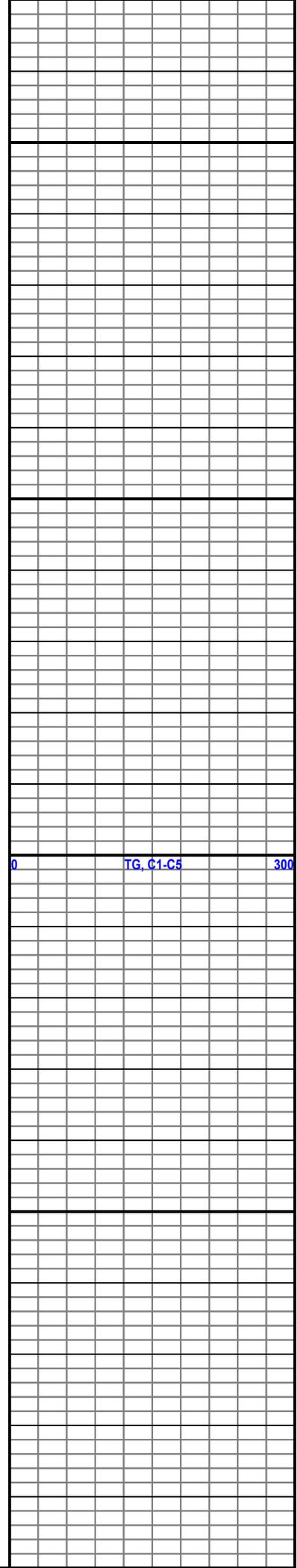
3000

3050

3000

ROP (min/ft)

2.5



300

TG, C1-C5

300