



CATAMOUNT ENERGY PARTNERS

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

Well Name: ELSA 34-6-19 #1

API: 05067099220000

Location: S19 T34N R6W

License Number:

Spud Date: 4/4/15

Surface Coordinates: 1292' FSL 310' FEL

Region: IGNACIO

Drilling Completed: 4/8/15

Bottom Hole FROM SURFACE: 628.47 N & 1219.41 E

Coordinates:

Ground Elevation (ft): 6970

K.B. Elevation (ft): 6986

Logged Interval (ft): 2500 To: 3515

Total Depth (ft): 3515

Formation: FRUITLAND COAL

Type of Drilling Fluid: FRESH WATER

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

OPERATOR

Company: CATAMOUNT ENERGY PARTNERS

Address: 1801 BROADWAY SUITE 1000
DENVER CO 80202

GEOLOGIST

Name: NOLAN REDMOND

Company: CATAMOUNT ENERGY PARTNERS

Address: 1801 BROADWAY #1000
DENVER CO 80202

Cores

DSTs

Comments

ROCK TYPES

Anhy
Bent
Brec
Cht

Clyst
Coal
Congl
Dol

Gyp
Igne
Lmst
Meta

Mrlst
Salt
Shale
Shcol

Shgy
Sltst
Ss
Till

ACCESSORIES

MINERAL

Anhy
Arggrn
Arg
Bent
Bit
Brecfrag
Calc
Carb
Chtdk
Chtlt
Dol
Feldspar
Ferrpel
Ferr
Glau

Gyp
Hvymin
Kaol
Marl
Minxl
Nodule
Phos
Pyr
Salt
Sandy
Silt
Sil
Sulphur
Tuff

FOSSIL

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

Ostra
Pelec
Pellet
Pisolite
Plant
Strom

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

POROSITY

Earthy
Fenest
Fracture
Inter
Moldic
Organic
Pinpoint

Vuggy

SORTING

Well
Moderate
Poor

ROUNDING

Rounded
Subrnd
Subang
Angular

Spotted

Ques
Dead

INTERVAL

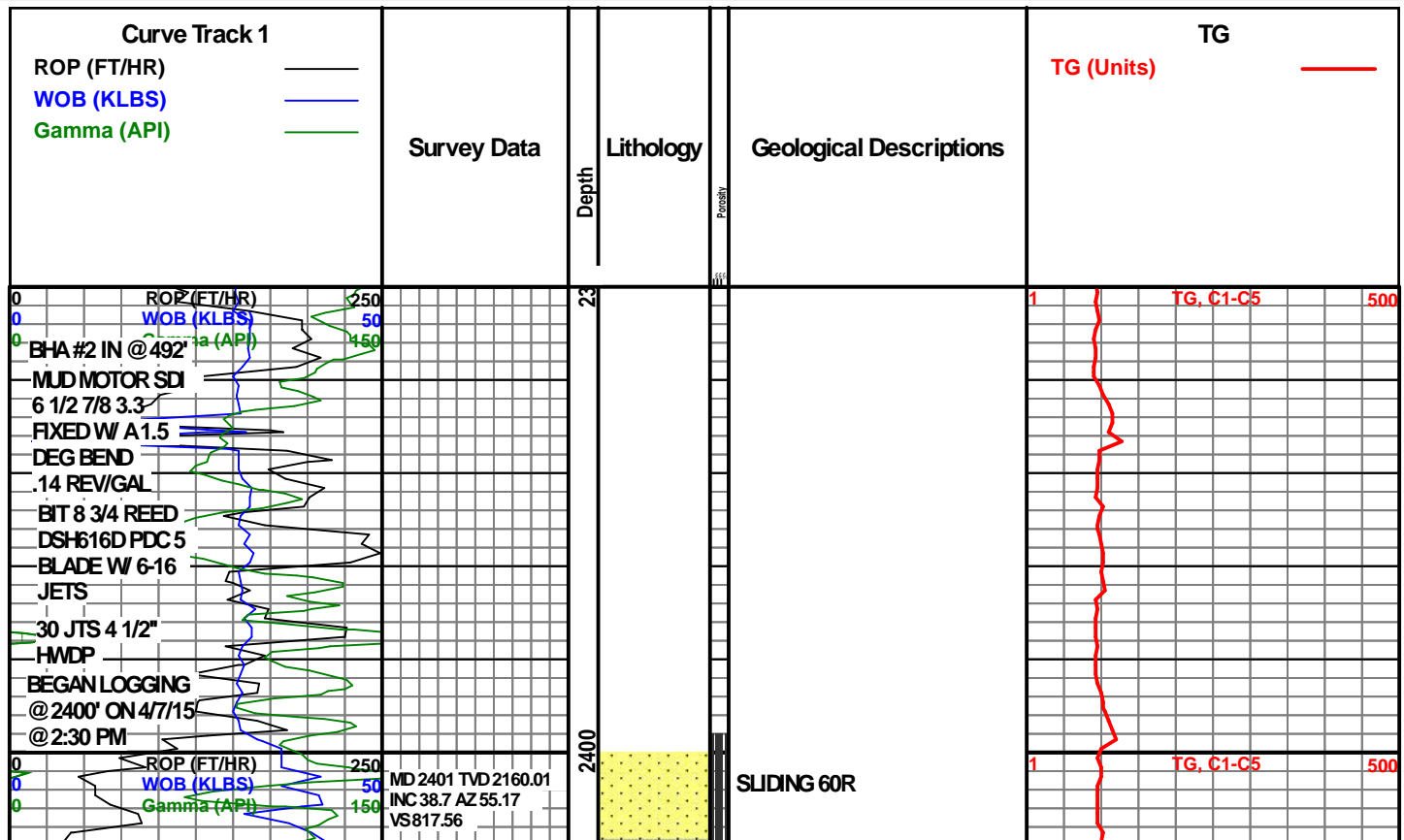
Core
Dst

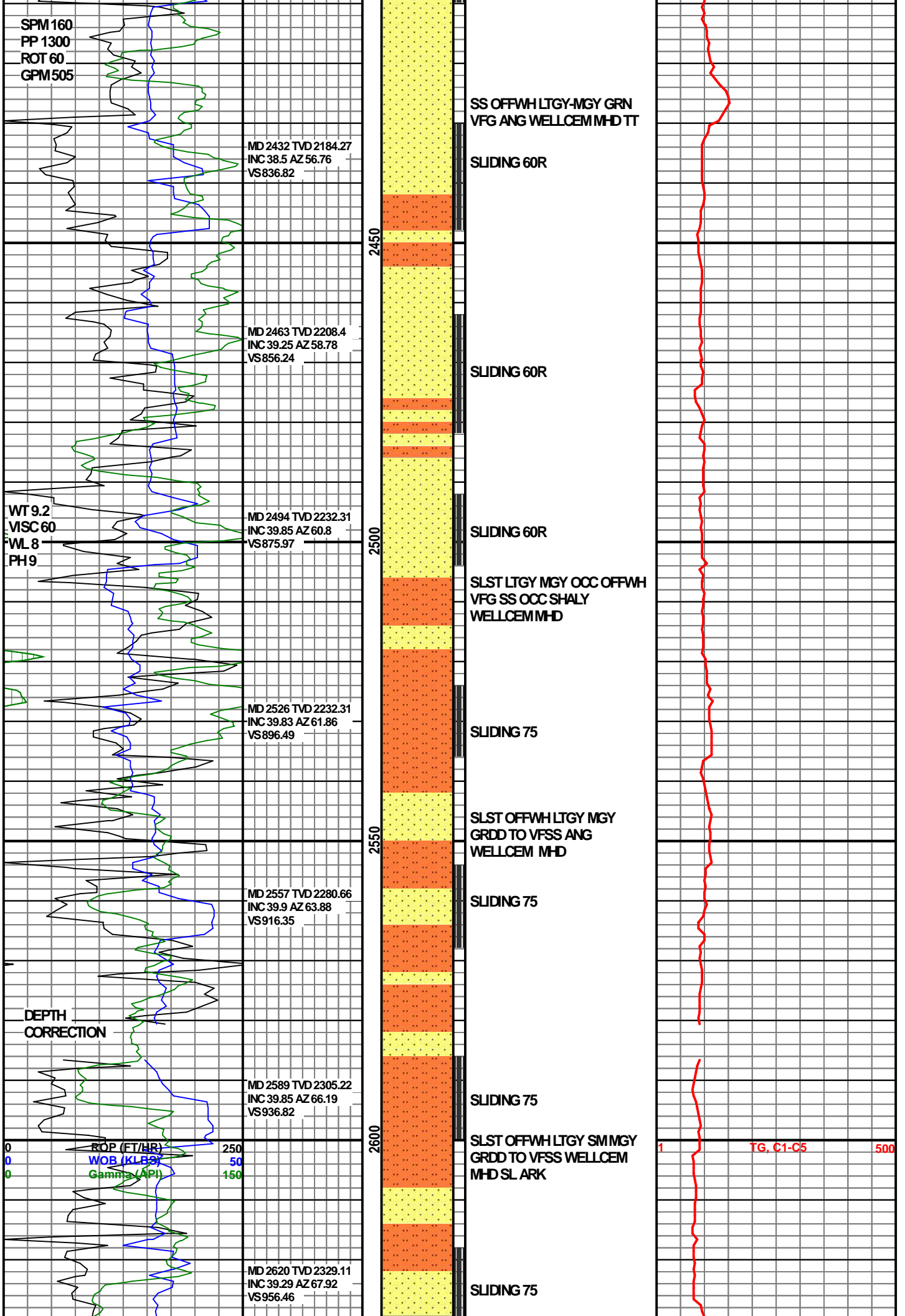
EVENT

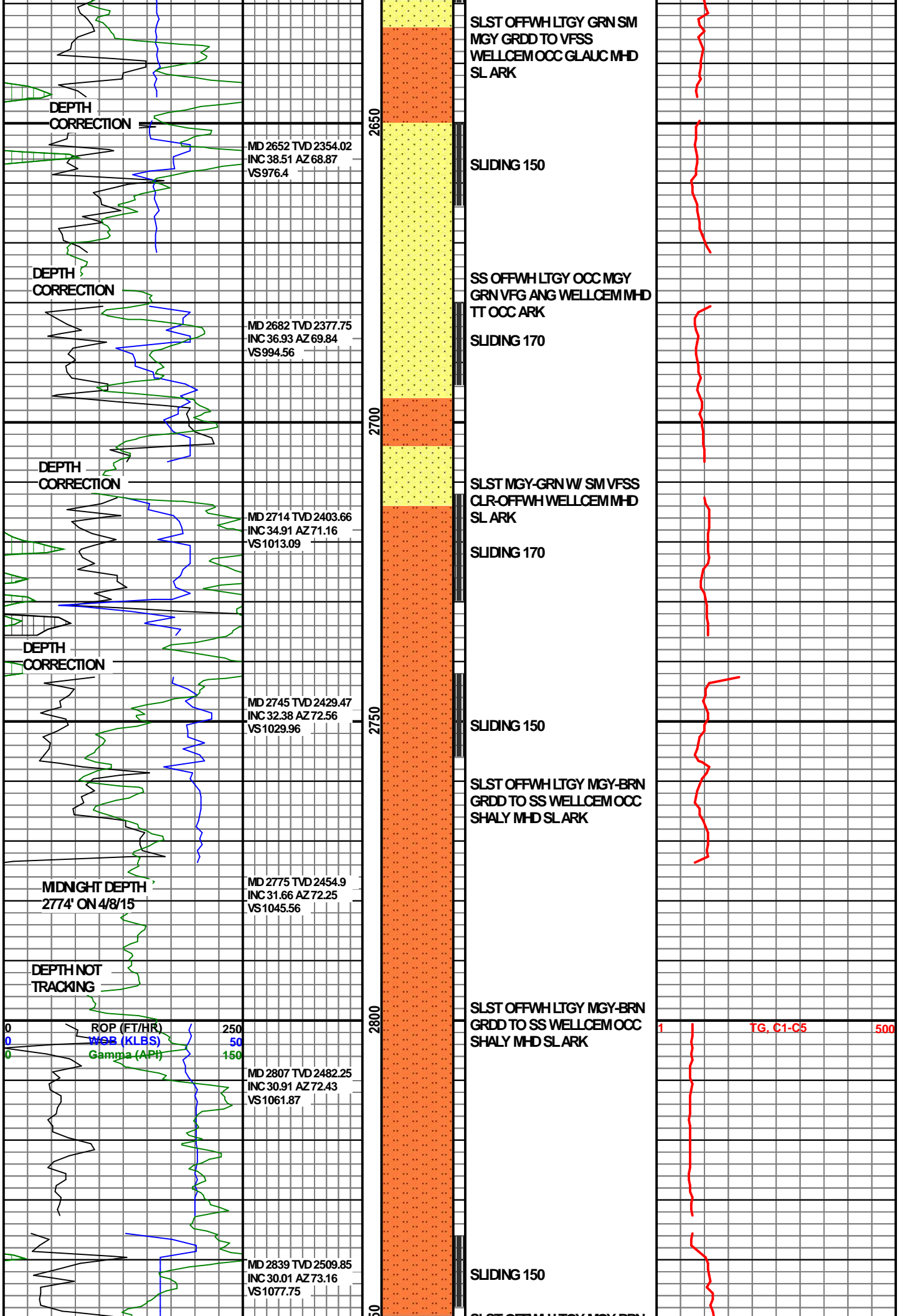
Rft
Sidewall

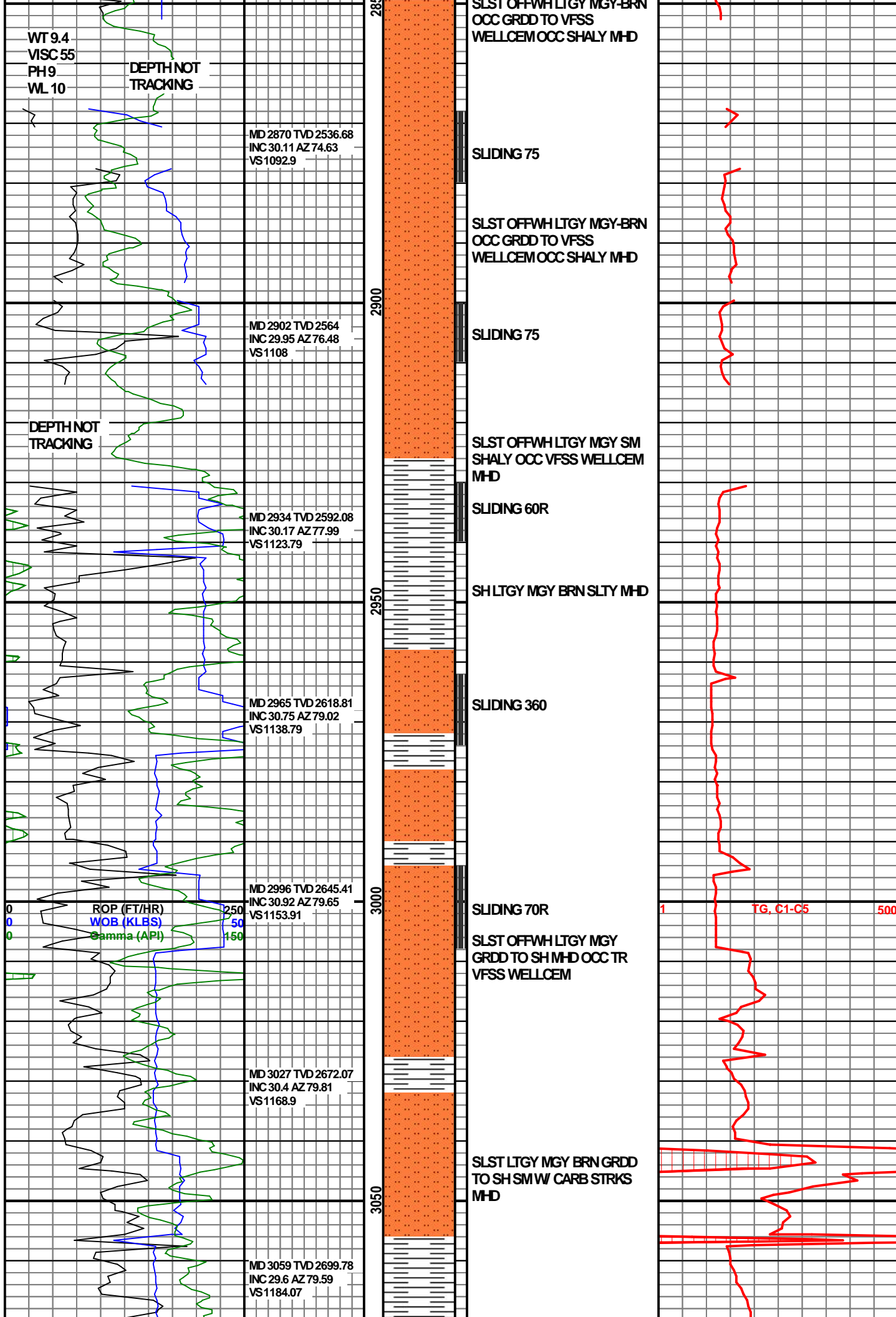
OIL SHOW

Even









SH MGY DKGY BRN SLTY OCC
CARB STRKS MHD OCC SS

MD 3090 TVD 2726.84
INC 28.84 AZ 78.99
VS 1198.45

3100

SLST OFFWH LTGY OCC GRDD
TO VF SS WELLCEM MHD SM
SH IN SAMPLE MGY DKGY
BRN SLTY OCC CARB MHD

MD 3121 TVD 2754.07
INC 28.25 AZ 78.52
VS 1212.57

3150

SH LTGY MGY SLTY OCC
CARB MHD

MD 3152 TVD 2781.45
INC 27.66 AZ 77.78
VS 1226.47

SH MGY DKGY BRN SM CARB
SLTY MHD ABUN COAL IN
SAMPLE

MD 3184 TVD 2809.91
INC 26.91 AZ 76.64
VS 1240.55

3200

SH BRN MGY MOTTLED APP
OCC CARB MHD
-UPPER FRUITLAND COAL-

COAL BLK PRED BRI SHINY
OCC DULL SMTH SM GRNY SM
GOOD CLEATING FRM

MD 3215 TVD 2837.64
INC 26.09 AZ 75.66
VS 1253.92

3250

SH BRN MGY MOTTLED APP
OCC CARB STRKS MHD

SH BRN MGY MOTTLED APP
OCC CARB STRKS MHD TR
COAL

MD 3246 TVD 2865.57
INC 25.4 AZ 75.42
VS 1266.96

SLST BRN MGY OCC OFFWH
GRDD TO VFSS SM W/ CARB
STRKS SM SHALY MHD

MD 3277 TVD 2865.57
INC 24.88 AZ 76.31
VS 1279.7

SLIDING 60R

Scale Change
TG, C1-C5

5000

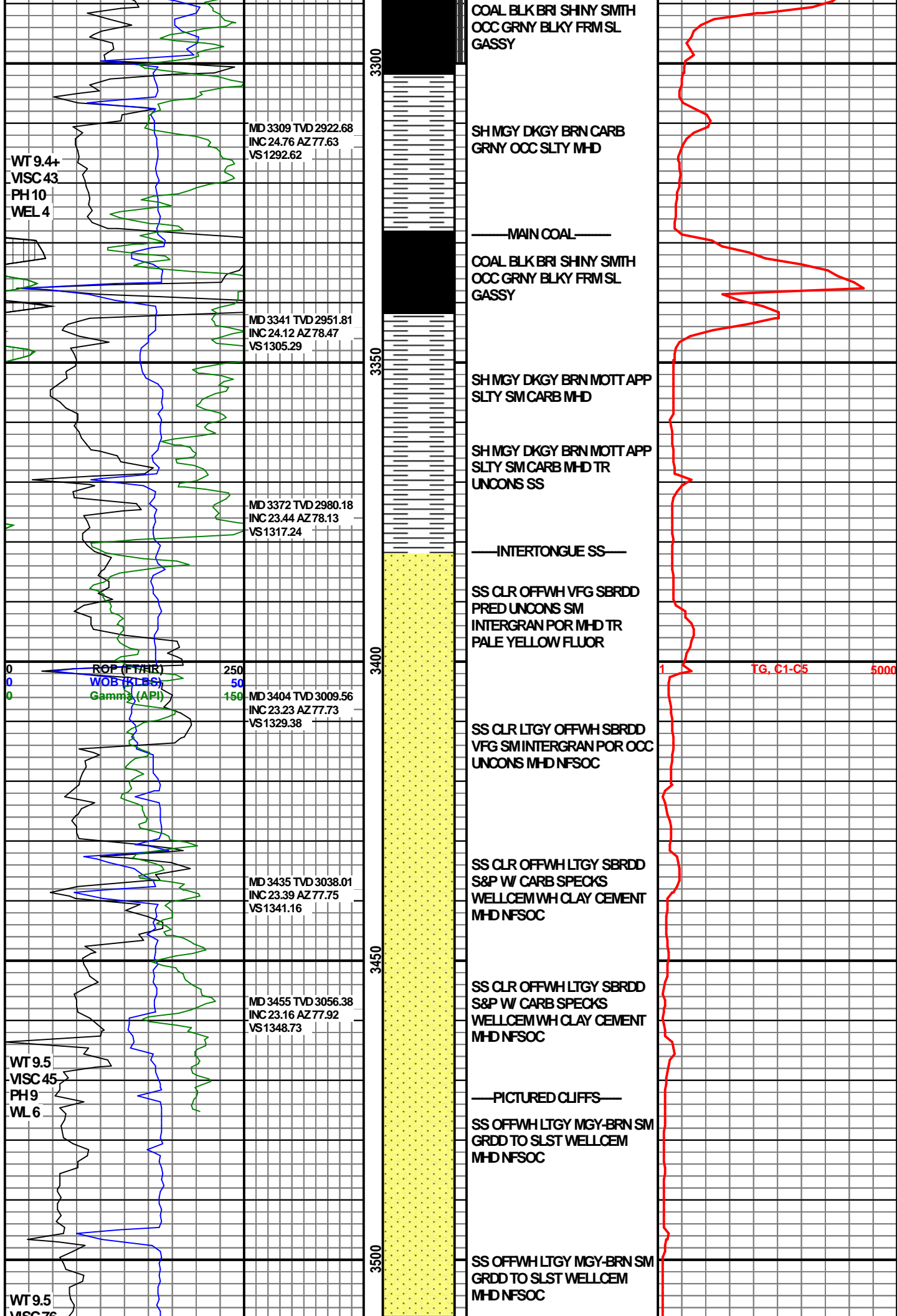
PLEASE NOTE
SCALE CHANGE

TG, C1-C5

5000

ROP (FT/HR)
WOB (KLBS)
Gamma (API)

WT 9.5
VISC 38
WL 4
PH 9.5



WISC 76

PROJ TO BIT

MD 3515 TVD 3111.55
INC 23.16 AZ 77.92
VS 1371.33

50

TD @ 3515 ON 4/8/15 @ 7:03 PM