LITHOLOGY STRIP LOG

WellSight Systems

Scale 1:240 (5"=100') Metric
True Vertical Depth Log

Well Name:	Oil Company et al Foothills 06-06-060-06W6		
Location:	06-06-060-06W06	UWI 100/06-06-060-06W6/0	
License Number:	AB-license	**Region:**	Foothills
Spud Date:	1/20/2060 16:30	**Drilling Completed:**	March 13, 2060
Surface Coordinates:	Surf: 82.13m S & 458.8m E of NW corner Sec 06 ICP: 58.4m N & 584.8m E of SW corner Sec 06		
Bottom Hole Coordinates:	FTD: 244.2m S & 801.8m E of NW corner Sec 06		
Ground Elevation (m):	1286.60	**K.B. Elevation (m):**	1292.10
Logged Interval (m):	2285MD **To:** 3058MD	**Total Depth (m):**	3058MD
Formation:	Dunvegan C		
Type of Drilling Fluid:	Invert		

OPERATOR

Company: Oil Company
Address: 800, 555 - 4th Ave. S.W. Calgary, AB T2P 3E7
0 403.234.7625, www.WellsiteGeologists.com
C 403.660.9883, info@WellsiteGeologists.com

Wellsite Geologists

GEOLOGIST

Name: Wellsite Geologist, B.Sc.
Company: Wellsite Geologists Inc.
Address: 800, 555 - 4th Ave. S.W. Calgary, AB T2P 3E7
0 403.234.7625, www.WellsiteGeologists.com
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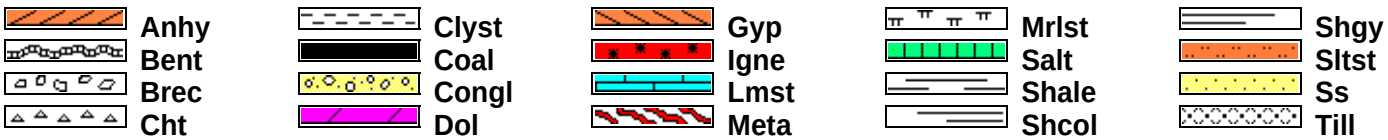
ROCK TYPES



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

OIL SHOW

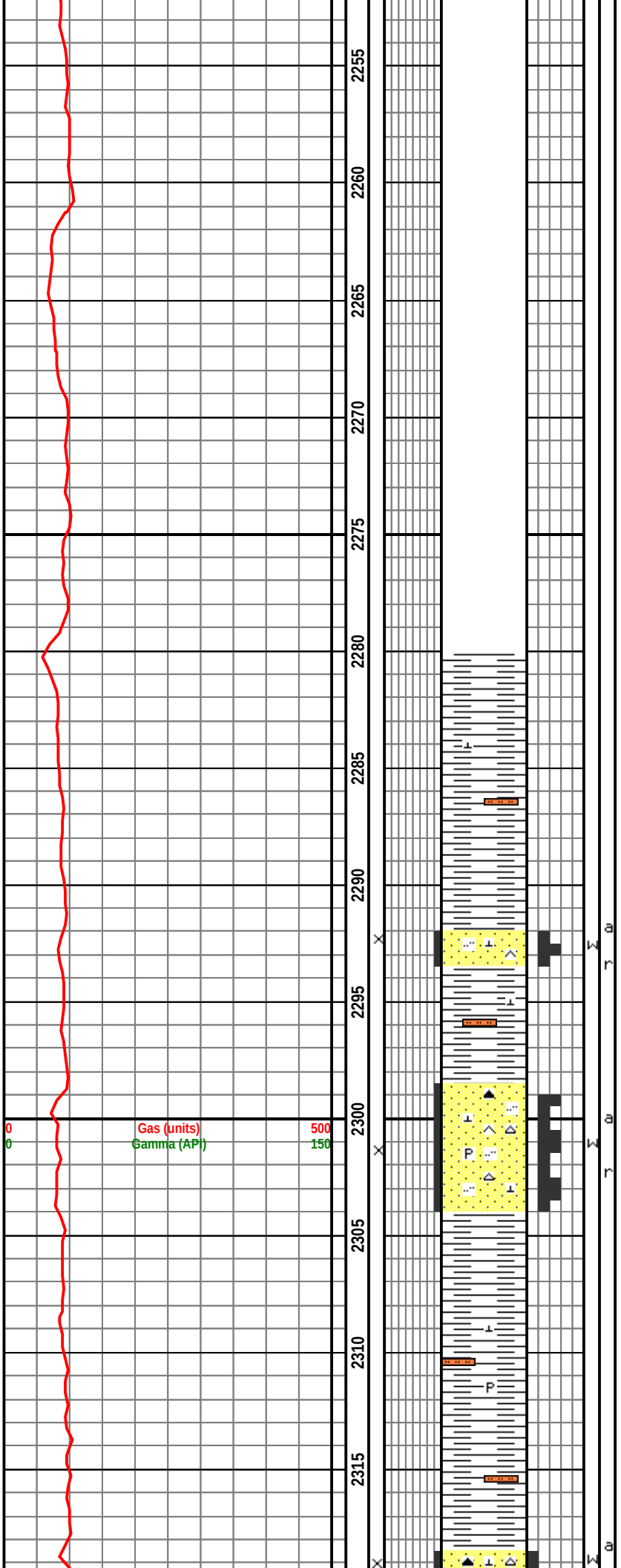
- Even
- Spotted
- Ques
- Dead

INTERVAL

- Core
- Dst

EVENT

- Rft
- Sidewall



Drill out Surface Casing: Jan 20, 2012 @ 16:30hr

START SAMPLE LOGGING @ 2280MD

(2280-2290) SH(100%) med-dk gy, blky-sb fis, micmica, frm-hd, ip slty, scat lt gy sft arg mat.

Badheart @ 2293.0mMD, 2293.0mTVD, -1000.9m SSL

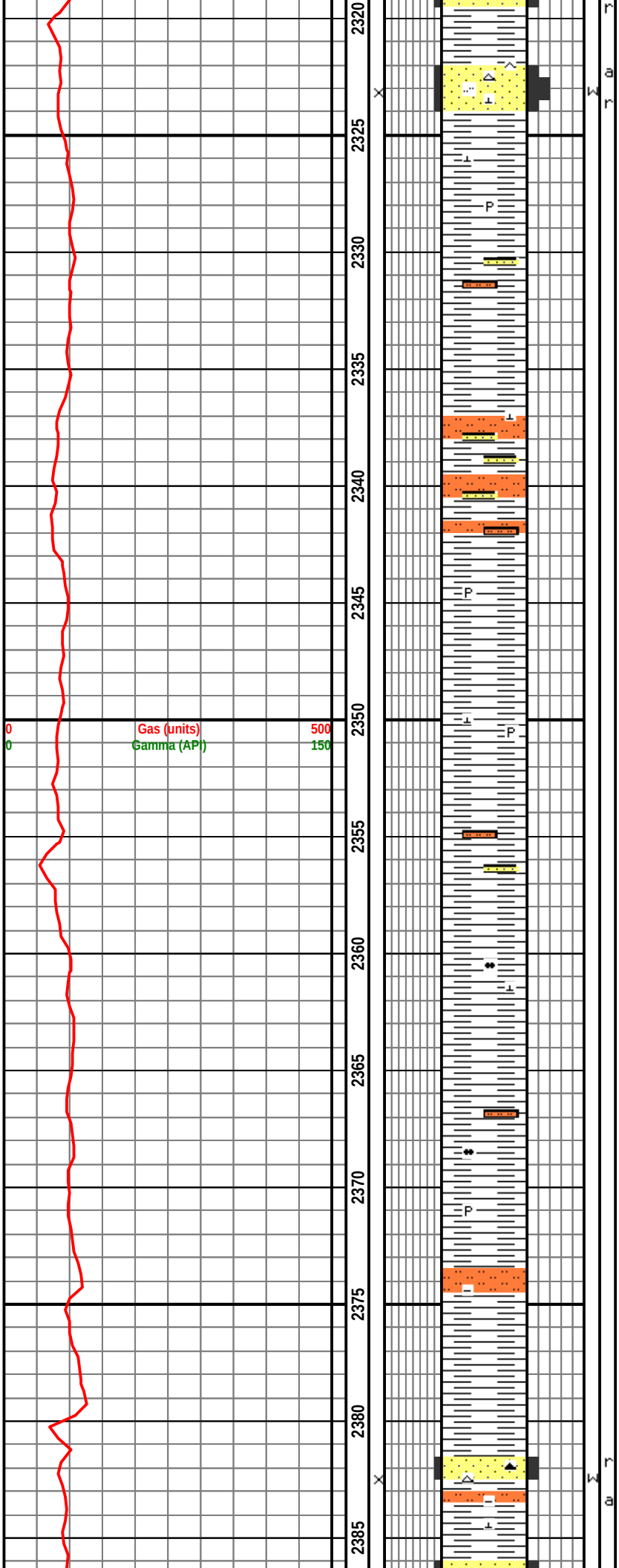
(2290-2300) SH(80%) med-dk gy, blky-sb fis, med-hd micmica, ip slty, SS(20%) lt gy-wht, clr, med grn qtz, sb ang-sb rd, w srt, uncons, mnr sil cmt, tr cal, tr pyr.

(2300-2305) SS(50%) clr-wh, med-c grn, sb ang-sb rd, mod srt, predy uncons, scat dk-clr l cht grns, scat pyr nod, intgran por, SH(50%) med-dk gy, blky-sub fis, micmica, frm.

(2305-2315) SH(100%) med-dk gy, blky-sub fis, micmica, frm, sl slty, sft gy arg mat, tr pyr.

Muskiski @ 2310.0mMD, 2310.0mTVD, -1017.9m SSL

(2315-2325) SH(80%) med-dk gy, blky-sub fis, micmica, frm, ip slty, sft gy arg mat, SS(20%) clr-wh, med-c grn, sb ang-sb rd, mod srt, predy uncons, scat dk-clr l cht grns, scat pyr nod, intgran por,



predy uncons, scat dk-clr f cht grns, scat pyr nod, intgran por.

(2325-2335) SH(100%) med-dk gy, blky-sub fis, micmica, predy frm, ip hd, sl slty, rr sft gy arg mat, tr pyr.

(2335-2345) SH(100%) med-dk gy, blky-sub fis, micmica, hd sltst strgs, ss strgs, rr cal, tr pyr.

(2345-2355) SH(100%) med-dk gy, blky-sub fis, micmica, hd sltst strgs, rr cal, tr pyr.

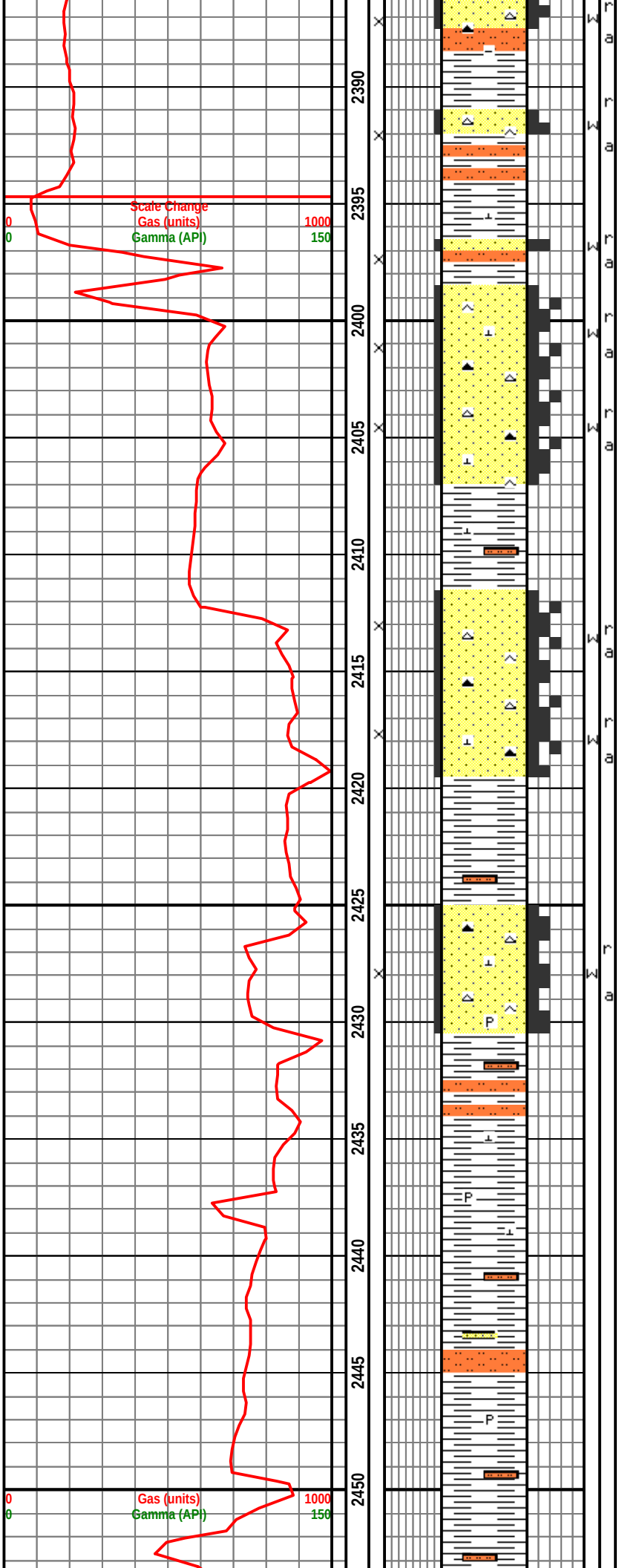
(2355-2365) SH(100%) med-dk gy, blky-sub fis, micmica, occ sltst strgs, ip sl sdy, tr off wht phos nod, rr cal, tr pyr.

(2365-2375) SH(100%) med-dk gy, blky-sub fis, micmica, occ sltst strgs, ip sl sdy, tr off wht phos nod, rr cal, tr pyr.

(2375-2380) SH(100%) med-dk gy, blky-sub fis, micmica, occ sltst strgs, ip sl sdy, rr cal, tr pyr.

Cardium Zone @ 2381.0.0mMD, 2381.0.0mTVD, -1088.9m SSL

(2380-2390) SH(70%) med-dk gy, blky-sb fis, med-hd micmica, ip slty, SS(40%) lt gy-clr, ip brn, u f-l med grn qtz, sb ang-sb rd, w srt, cons,



scat clr-dk cht grns, slty ip, sil cmt, tr cal, tr py p por.

(2390-2399) SH(80%) med-dk gy, blky-sb fis, med-hd micmica, ip slty, SS(20%)lt gy-clr, ip brn, u f-l med grn qtz, sb ang-sb rd, w srt, cons, scat clr-dk cht grns, slty ip, sil cmt, tr cal, tr py p por.

Cardium Sand @ 2399.0mMD, 2399.0mTVD, -1106.9m SSL

(2399-2410) SS(80%) lt gy-wht, ip lt brn, u f-l med grn s&p qtz, sb ang-sb rd, w srt, cons, ip uncons, scat clr-dk cht grns, rr slt frag, sil cmt, tr cal, p por, SH(20%) med-dk gy, blky-sb fis, med-hd micmica, ip slty.

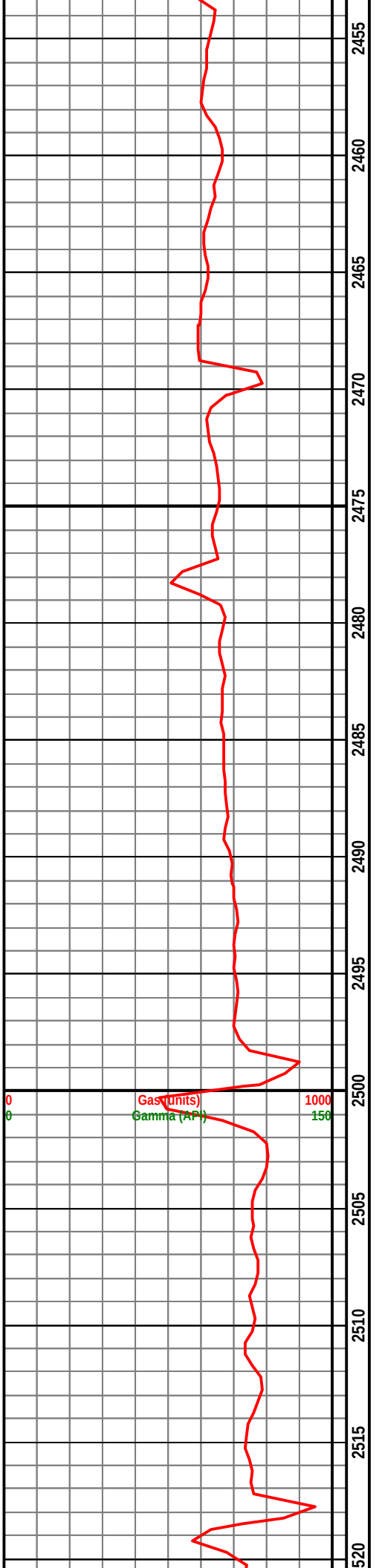
(2410-2420) SS(90%) lt gy-wht, ip lt brn, u f-l med grn s&p qtz, sb ang-sb rd, w srt, cons, ip uncons, scat clr-dk cht grns, rr slt frag, sil cmt, tr cal, p por, SH(10%) med-dk gy, blky-sb fis, med-hd micmica, ip slty.

(2420-2430) SS(50%) lt gy-wht, ip lt brn, u f grn s&p qtz, sb ang-sb rd, w srt, cons, ip uncons, scat clr-dk cht grns, rr bcmg v slty, sil cmt, tr cal, p por, SH(50%) med-dk gy, blky-sb fis, med-hd micmica, ip slty.

Kaskapau @ 2431.0mMD, 2431.0mTVD, -1138.9m SSL

(2430-2440) SH(100%) lt-med gy, blky-sb fis, micmica, frm-hd, abnt sltst strgs, tr ss, tr pyr, rr cal.

(2440-2450) SH(100%) lt-med gy, blky-sb fis, micmica, frm-hd, occ sltst strgs, tr ss, tr pyr.



(2450-2460) SH(100%) lt-med gy, blky-sb fis, micmica, frm, tr lt brn-lt gy ss, tr pyr, tr hd sltst strgs.

(2460-2470) SH(100%) med-dk gy, blky-sb fis, micmica, hd, tr lt grn chrt, occ med grn qtz, tr pyr, tr hd sltst strgs.

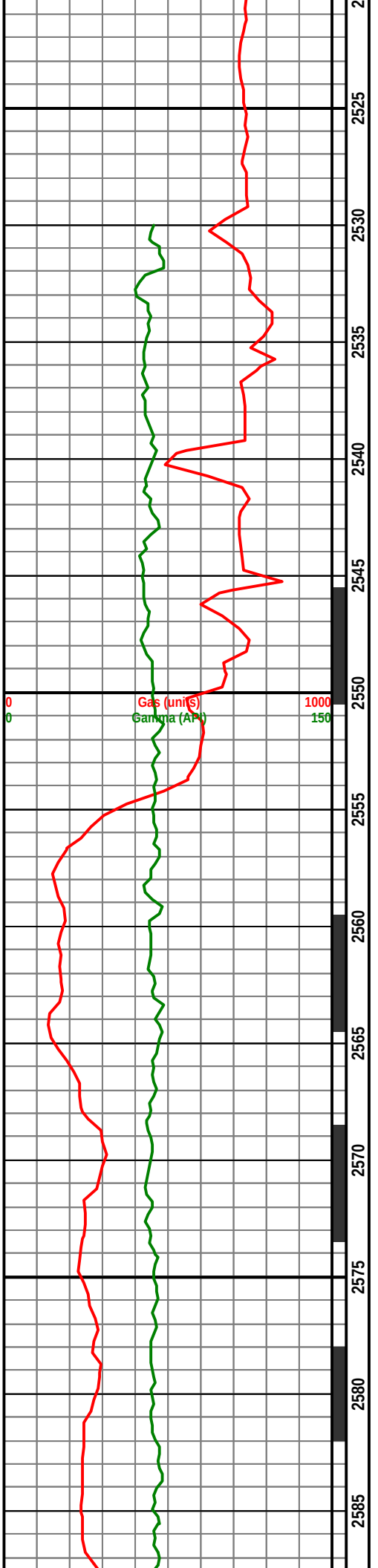
(2470-2480) SH(100%) lt-med gy, blky-sb fis, micmica, frm, tr lt gy ss, tr pyr, tr hd sltst strgs.

(2480-2490) SH(100%) lt-med gy, blky-sb fis, micmica, frm-hd, tr s&p ss, tr pyr, hd sltst strgs, mnr sft gy arg mat.

(2490-2500) SH(100%) lt-med gy, blky-sb fis, micmica, frm-hd, tr s&p ss, tr pyr, hd sltst strgs, mnr sft gy arg mat, tr cal, rr org mat, tr fos, rr coal frag.

(2500-2510) SH(100%) lt-med gy, predy blky, ip sb fis, micmica, frm-hd, tr s&p ss, tr pyr, hd sltst strgs, mnr sft gy arg mat, tr cal.

(2510-2520) SH(100%) lt-med gy, predy blky, ip sb fis, micmica, frm-hd, tr s&p ss, tr pyr, hd sltst strgs, mnr sft gy arg mat, tr cal.



(2520-2530) SH(100%) lt-med gy, predy blky, ip sb fis, micmica, frm-hd, tr s&p ss, hd lt gy-lt brn sltst strgs, mnr sft gy arg mat, tr cal, tr pyr.

(2530-2545) SH(100%) lt-med gy, blky-sb fis, micmica, frm-hd, tr s&p ss, hd lt gy-lt brn sltst strgs, rr sft gy arg mat, mnr cal, tr pyr.

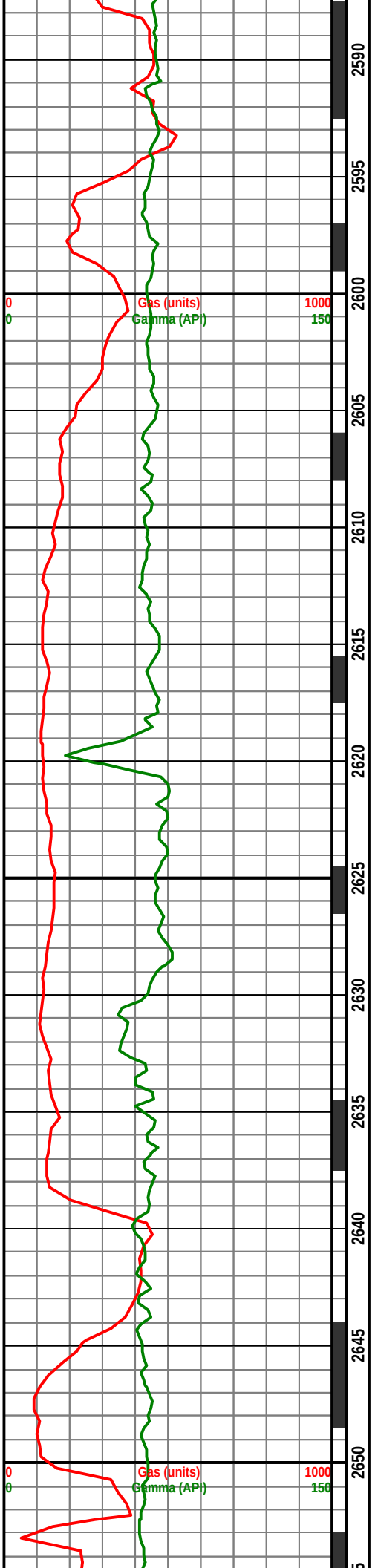
(2545-2560) SH(100%) lt-med gy, blky-sb fis, micmica, frm-hd, ip sdy, occ sltst strgs, rr sft gy arg mat, mnr cal, tr pyr.

(KOP 2560m MD)

(2560-2570) SH(100%) lt-med gy, blky-sb fis, micmica, frm-hd, sl sdy, ip slty, occ sft gy arg mat, bcmg calc, tr pyr, tr kaol.

(2570-2580) SH(100%) lt-med gy, blky-sb fis, micmica, frm-hd, sl sdy, ip slty, occ sft gy arg mat, bcmg calc, tr pyr, tr off wht phos nod, tr kaol.

(2580-2590) SH(100%) lt gy, blky-sb fis, micmica, frm, sl slty, occ sft gy arg mat, rr cal, tr pyr.



(2590-2600) SH(100%) lt-med gy, blky-sb fis, micmica, frm-hd, tr ss, ip slty, sft gy arg mat, tr pyr, tr kaol.

(2600-2610) SH(100%) lt gy, blky-sb fis, micmica, frm, sl slty, occ sft gy arg mat, rr cal, tr pyr.

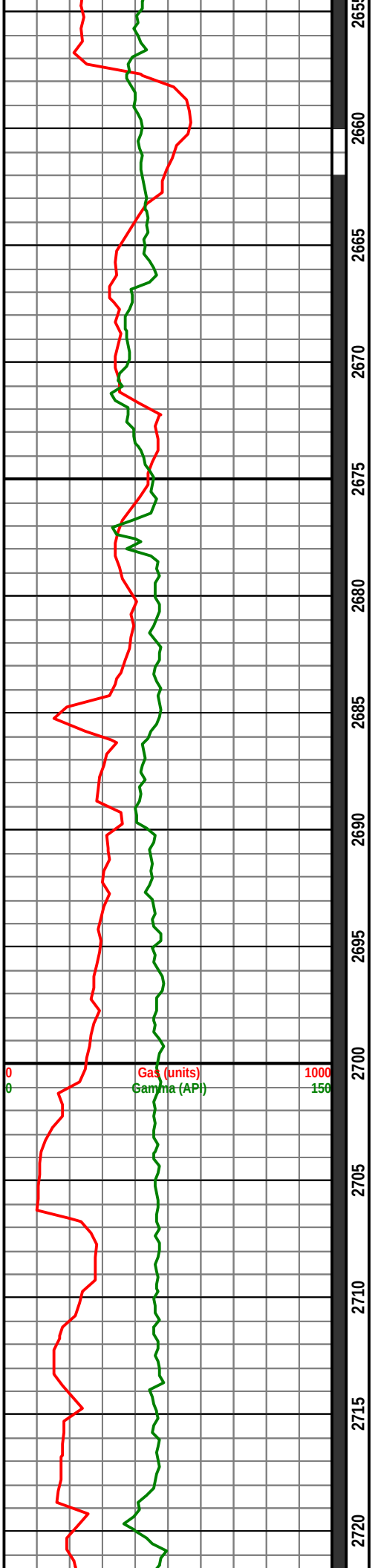
(2610-2620) SH(100%) lt gy, blky-sb fis, micmica, frm-hd, sl slty, rr ss, arg, tr cal, scat pyr.

(2620-2630) SH(100%) lt gy, predy blky, ip sb fis, micmica, bcmg sft, sl slty, ip sdy, arg, mnr cal, rr pyr, tr kaol.

(2630-2640) SH(100%) lt gy, blky-sb fis, micmica, med-frm, sl slty, rr ss, arg, ip calc, tr pyr.

(2640-2650) SH(100%) lt gy, predy blky, ip sb fis, micmica, bcmg sft, sl slty, ip sdy, arg, ip calc, tr pyr, tr kaol.

(2650-2660) SH(100%) lt gy, predy blky, ip sb fis, micmica, sft-med, sl slty, ip sdy, v arg, bcmg calc, tr pyr, tr kaol.



(2660-2670) SH(100%) lt gy, ip med gy, predy blky, ip sb fis, micmica, sft-med, ip slty, sl sdy, v arg, scat med grnd cal, tr pyr, rr off wht phos nod, tr kaol.

(270-2680) SH(100%) lt gy, ip med gy, predy blky, ip sb fis, micmica, sft-med, ip slty, sl sdy, v arg, abnt med grnd cal scat thru, v calc, tr pyr, rr off wht phos nod, tr kaol.

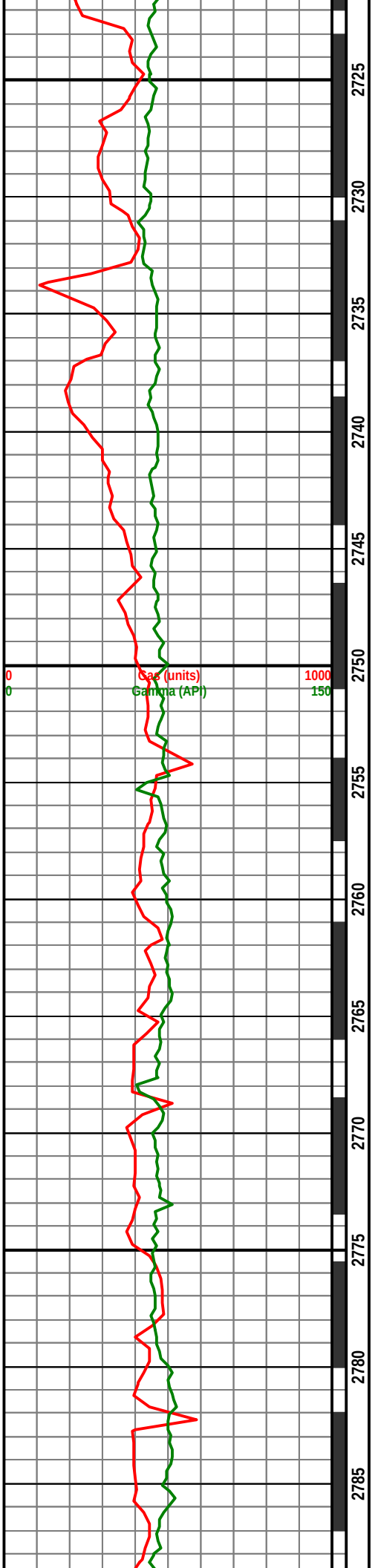
(2680-2690) SH(100%) lt gy, ip med gy, blky-sb fis, micmica, sft-med, ip slty, mnr tr ss, rr med grnd cal, tr pyr, tr kaol.

(2690-2700) SH(100%) lt gy, ip med gy, blky-sb fis, micmica, sft-frm, sl slty, tr ss, ip cal, tr pyr, v arg, tr kaol.

(2700-2710) SH(100%) lt gy-med gy, blky-sb fis, micmica, predy sft, ip frm, sl slty, mnr ss, calc, tr pyr, v arg.

(2710-2720) SH(100%) lt gy-med gy, blky-sb fis, micmica, predy sft, ip frm, sl slty, mnr ss, calc, tr pyr, tr kaol, v arg.

(2720-2730) SH(100%) lt gy-med gy, predy blky, ip sb fis, micmica, predy sft, ip med-frm, sl slty, calc frags, mnr tr pyr, tr kaol, v arg.



(2730-2740) SH(100%) lt gy-med gy, predy blky, ip sb fis, micmica, predy sft, ip med-frm, sl slty, scat calc frags, tr pyr, mnr tr kaol, v arg.

(2740-2750) SH(100%) lt gy, predy blky, ip sb fis, micmica, predy sft, ip med-frm, sl slty, mnr tr calc, tr pyr, tr kaol, v arg.

(2750-2760) SH(100%) lt gy, predy blky, ip sb fis, micmica, predy sft, ip med-frm, sl slty, mnr tr calc, mnr tr ss, tr pyr, tr kaol, v arg.

(2760-2770) SH(100%) lt gy, predy blky, ip sb fis, micmica, predy sft, ip med-frm, tr lt brn sltst strgs, mnr tr calc, mnr tr ss, tr pyr, tr kaol, v arg.

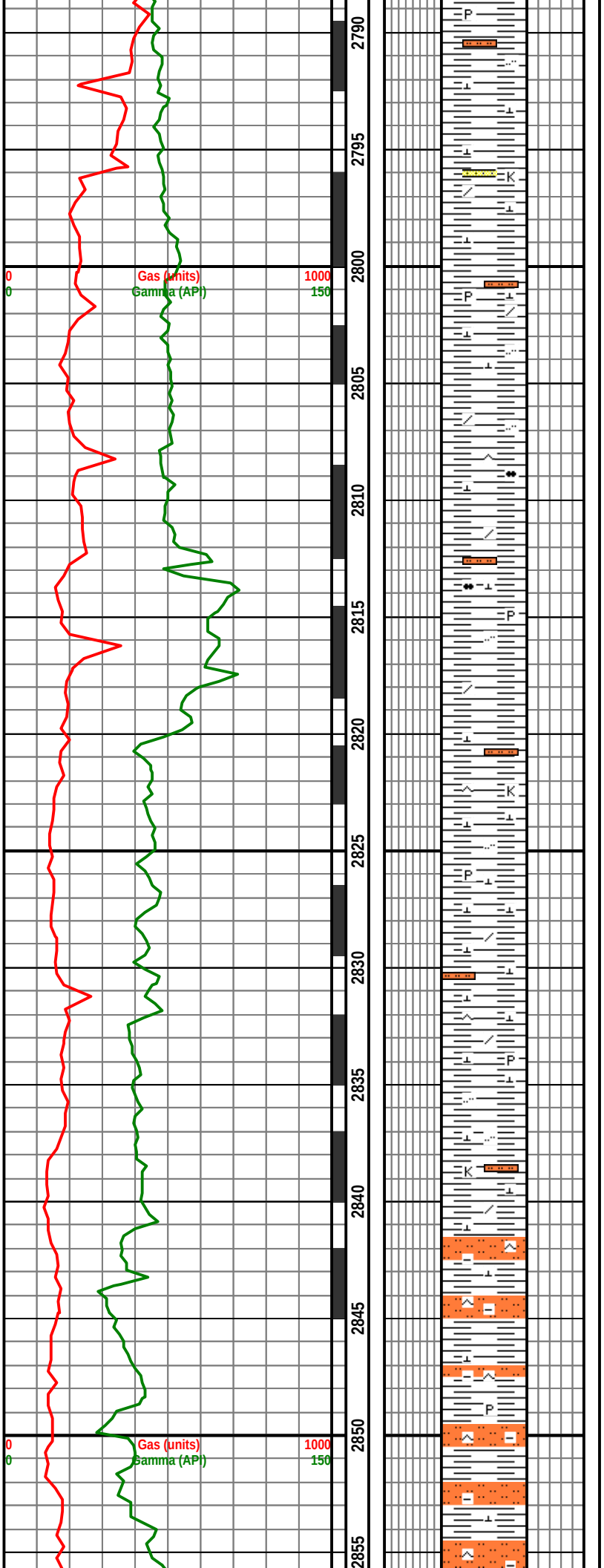
(2770-2780) SH(100%) lt gy, predy blky, ip sb fis, micmica, predy sft, ip med-frm, sltst strgs, tr off wht phos nod, tr cal, mnr tr ss, tr pyr, tr kaol, v arg

(2780-2790) SH(100%) lt gy, predy blky, ip sb fis, micmica, predy sft, ip med, ip slty, tr off wht phos nod, ip calc, mnr tr ss, tr pyr, tr kaol, v arg

(2790-2800) SH(100%) lt gy, predy blky-sb fis, micmica, predy sft, ip med, sl slty, ip calc, tr ss, tr pyr, tr kaol, v arg

(2800-2810) SH(100%) lt gy, predy blky-sb fis, micmica, predy sft, sl slty, med grnd cal frag scat thru, tr ss, tr pyr, tr kaol, lt brn arg mat.

(2810-2820) SH(100%) lt gy, predy blky-sb fis, micmica, predy sft, sl



slty, mnr tr ss, tr pyr, tr kaol, lt brn arg mat.

(2820-2830) SH(100%) lt gy, predy blky-sb fis, micmica, predy sft, sl slty, med grnd cal frag scat thru, tr ss, mnr tr pyr, rr kaol, lt brn arg mat.

(2830-2840) SH(100%) lt gy, predy blky-sb fis, micmica, predy sft, sl slty, med grnd cal frag scat thru, tr ss, tr pyr, mnr kaol, lt brn arg mat.

(2840-2850) SH(100%) lt-med gy, blky-sb fis, micmica, sft-med, sl slty, med grnd cal frag scat thru, tr ss, tr pyr, mnr kaol, lt brn arg mat, tr off wht phos nod.

(2850-2860) SH(100%) lt-med gy, blky-sb fis, micmica, sft, ip med, ip slty, med grnd cal frag scat thru, ip sdy, tr pyr, mnr kaol, lt brn arg mat.

Doe Creek Marker @ 2863.0mMD, 2820.0mTVD -1527.9m SSL

(2860-2870) SH(100%) lt-med gy, blky-sb fis, micmica, sft, ip med, ip slty, abnt med grnd cal, v calc, sl sdy, scat u f qtz grns, tr pyr, mnr kaol, lt brn arg mat.

(2870-2880) SH(100%) lt-med gy, blky-sb fis, micmica, sft, ip med, ip slty, scat med grnd cal, v calc, sl sdy, occ u f qtz grns, tr pyr, tr kaol, ip v arg.

(2880-2890) SH(100%) lt-med gy, blky-sb fis, micmica, sft, ip med, ip slty, abnt med grnd cal, v calc, scat u f qtz grns, tr pyr, tr kaol, ip v arg.

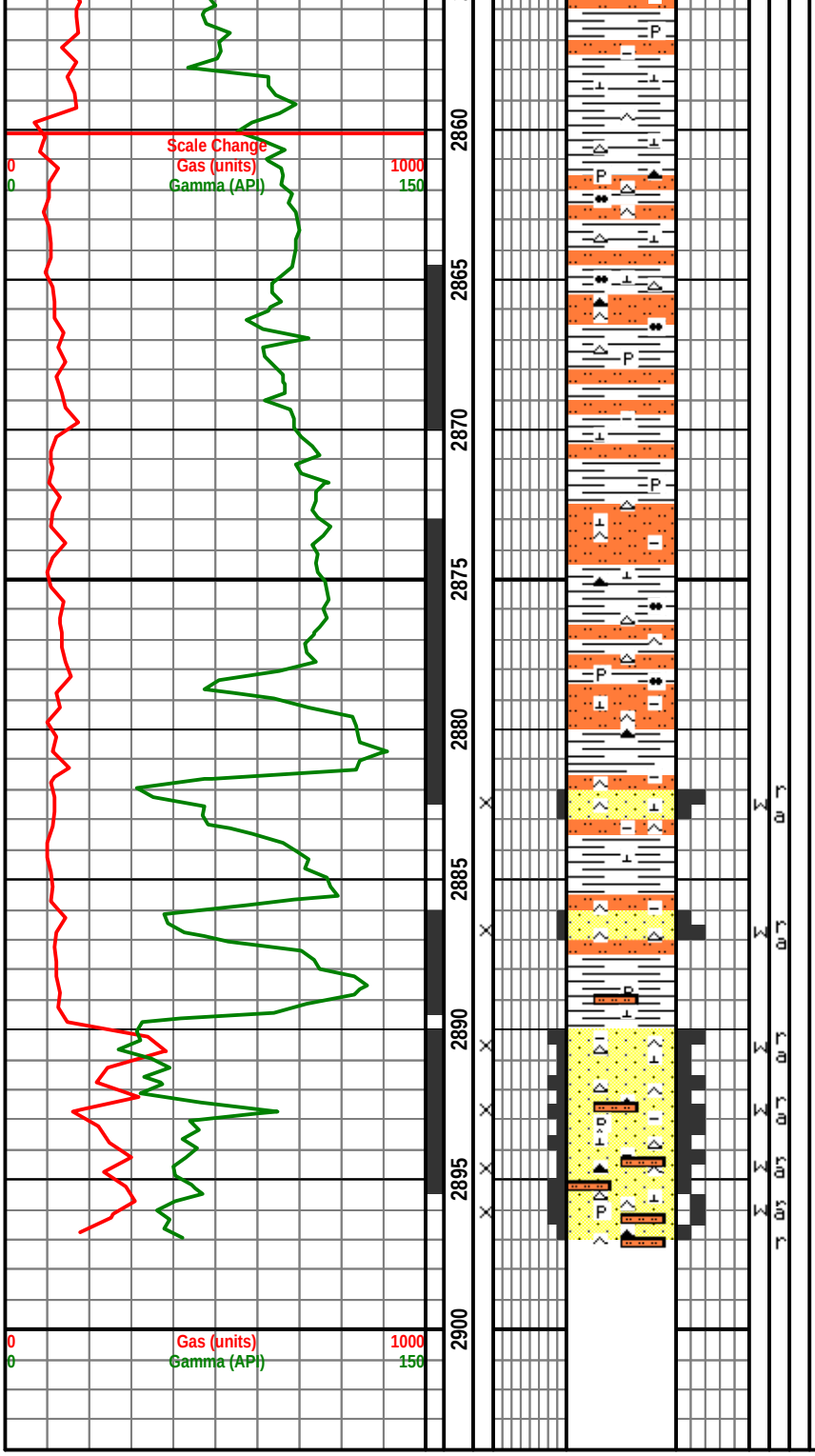
(2890-2900) SH(100%) lt-med gy, blky-sb fis, micmica, sft, ip med, sl slty, scat med grnd cal, v calc, occ u f qtz grns, tr pyr, tr kaol, v arg.

Doe Creek @ 2898.5mMD, 2841.0mTVD -1548.9m SSL

(2900-2910) SH(50%) lt-med gy, blky-sb fis, micmica, sft, ip med, ip calc, tr pyr, tr kaol, v arg, SLTST(50%) lt-med gy, predy v f qtz grs, v arg, lse cons, bcmg silc

(2910-2920) SH(60%) lt-med gy, blky-sb fis, micmica, sft, ip med, ip v calc, tr pyr, v arg, SLTST(40%) lt-med gy, predy v f qtz grs, v arg, lse cons, silc.

(2920-2934) SH(50%) lt-med gy, blky-sb fis, micmica, sft, ip med, tr pyr, tr kaol, arg, SLTST(50%) lt-med gy, ip dk brn, predy v f qtz grs, v



arg, lse cons, silc.

(ICP) 2934.0mMD, 2859.48mTVD, -1567.38 SSL at 20:40 on Feb 24, 2012

TVD Intermediate Casing Set @ 2931.35mMD, 2858.00mTVD, -1565.9 SSL

Drill Out (ICP) on Feb 29, 2012 @ 03:45hr

(2934-2950) SH(50%) lt-med gy, blky-sb fis, micmica, hd, tr pyr, tr off wht phos, arg, SLTST(50%) lt-med gy, ip dk brn, predy v f qtz grs, v arg, ip calc, w cons, silc, scat clr c grnd cht, scat f - med grnd ang clr qtz grns.

(2950-2965) SLTST(65%) lt-med gy, ip dk brn, predy v f qtz grs, v arg, ip calc, w cons, silc, scat clr c grnd cht, scat u f - l med grnd ang clr-trans qtz, SH(35%) lt-med gy, blky-sb fis, micmica, frm-hd, tr pyr, tr off wht phos, arg.

(2965-2975) SLTST(70%) lt-med gy, ip dk brn, predy v f qtz grs, v arg, ip calc, w cons, silc, scat clr c grnd cht, scat u f - l med grnd ang clr-trans qtz, SH(30%) lt-med gy, blky-sb fis, micmica, frm-hd, tr pyr, tr off wht phos nod, ip v arg.

Dunvegan A @ 2968.5mMD, 2877.5mTVD, -1585.4 SSL

Dunvegan B @ 2975.0mMD, 2881.0mTVD, -1588.9 SSL

Dunvegan B1 @ 2985.0mMD, 2885.5mTVD, -1593.4 SSL

(2975-2985) SH(80%) lt-med gy, sb fis, ip blky, v slty, micmica, tr pyr, frm sltst strgs, SS(20%) lt-med gy, f-u f gr, predy uncons qtz grs, mnr lthc grs, sb rd- sb ang, mod w srt, ip calc, intgr por, p.

Dunvegan C1 @ 2995.0mMD, 2889.5mTVD, -1597.4 SSL

(2890-3010) SS(100%) lt-med gy, ip lt brn, occ clr, f-u f gr, tr med grn, predy uncons qtz, mnr lthc grs, ip arg, sl slty, sb rd- sb ang, mod w srt, ip calc, intgr por, p-fr (3-6%)