

LITHOLOGY STRIP LOG

WellSight Systems

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

Measured 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

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

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



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

	Anhy		Clyst		Gyp		Mrlst		Shgy
	Bent		Coal		Igne		Salt		Sltst
	Brec		Congl		Lmst		Shale		Ss
	Cht		Dol		Meta		Shcol		Till

ACCESSORIES

- MINERAL**
- Anhy
 - Arggrn
 - Arg
 - Bent
 - Bit
 - Breclfrag
 - 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

- Siltstrg
- 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

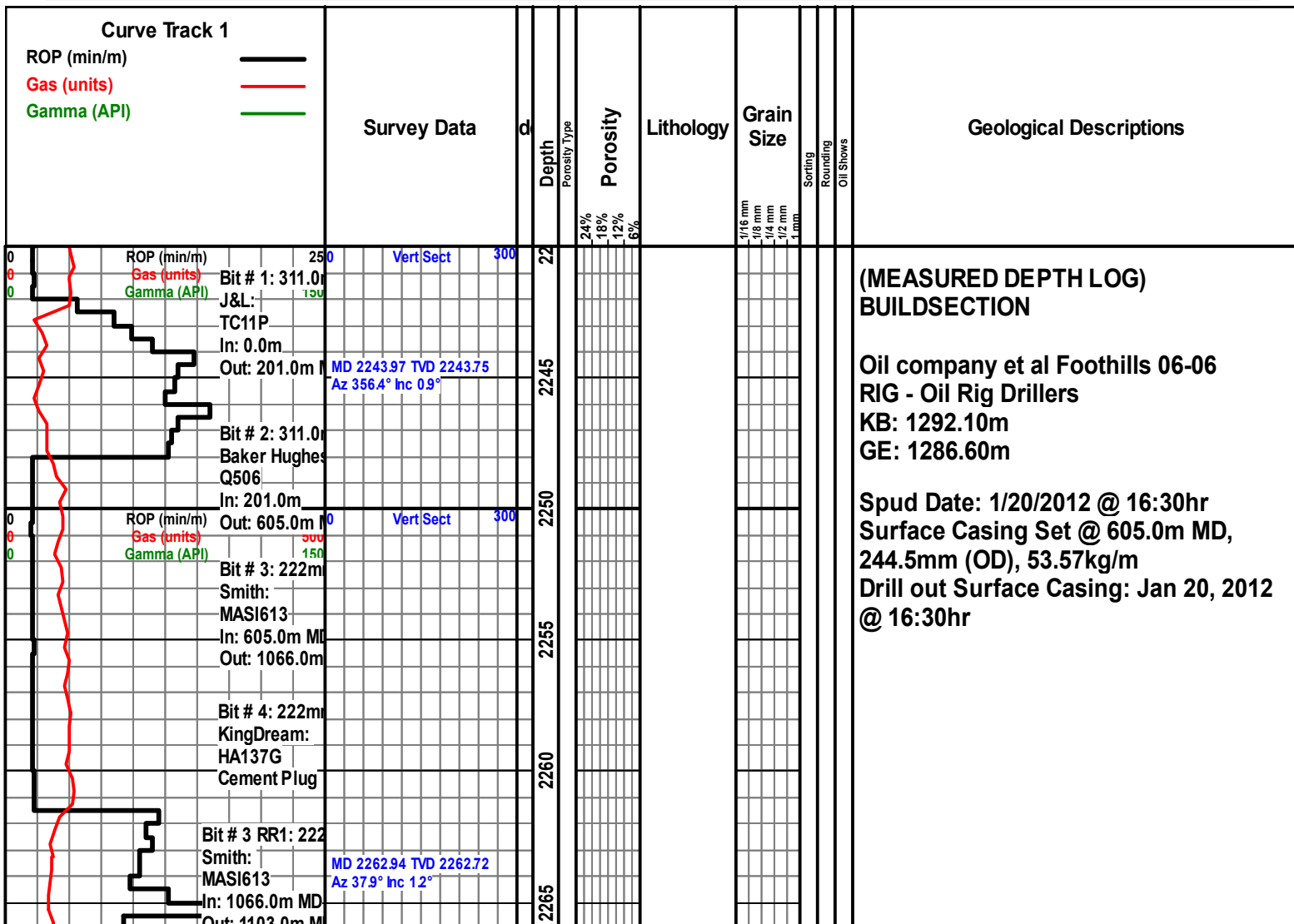
- ROUNDING**
- Rounded
 - Subrnd
 - Subang
 - Angular

- OIL SHOW**
- Even

- Spotted
- Ques
- Dead

- INTERVAL**
- Core
 - Dst

- EVENT**
- Rft
 - Sidewall



Bit # 3 RR2: 222
Smith:
MASI613
In: 1103.0m MD
Out: 1672.0m M

Bit # 4 RR1: 222
KingDream:
HA137G
In: 1672.0m MD
Out: 1678.0m M

Bit # 3 RR3: 222
Smith:
MASI613
In: 1678.0m MD
Out: 1796.0m M

Bit # 3 RR4: 222
Smith:
MASI613
Cement Plug

Bit # 3 RR5: 222
Smith:
MASI613
In: 1796.0m MD
Out: 2041.0m M

Bit # 5 : 222mm
Smith:
MASI613
In: 2041.0m MD
Out: 2545.0m M

00:00hrs Feb 19, 20

ROP (2298.0mMD) 250 Vert Sect 300
Gas (units) 500 MD 2300.77 TVD 2300.54
Gamma (API) 150 Az 24.9° Inc 1.6°

INVERT
DEN: 10
VIS: 60

MD 2319.76 TVD 2319.52
Az 19.3° Inc 1.4°

2270
2275
2280
2285
2290
2295
2300
2305
2310
2315
2320
2325
2330

START SAMPLE LOGGING @ 2280MD

(2280-2290) SH(100%) med-dk gy, blk-y-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, blk-y-sb fis, med-hd micmica, ip slty, SS(20%) lt gy-wht, clr, med grn qtz, sb ang-sb rd, w srt, unconcs, mnr sil cmt, tr cal, tr pyr.

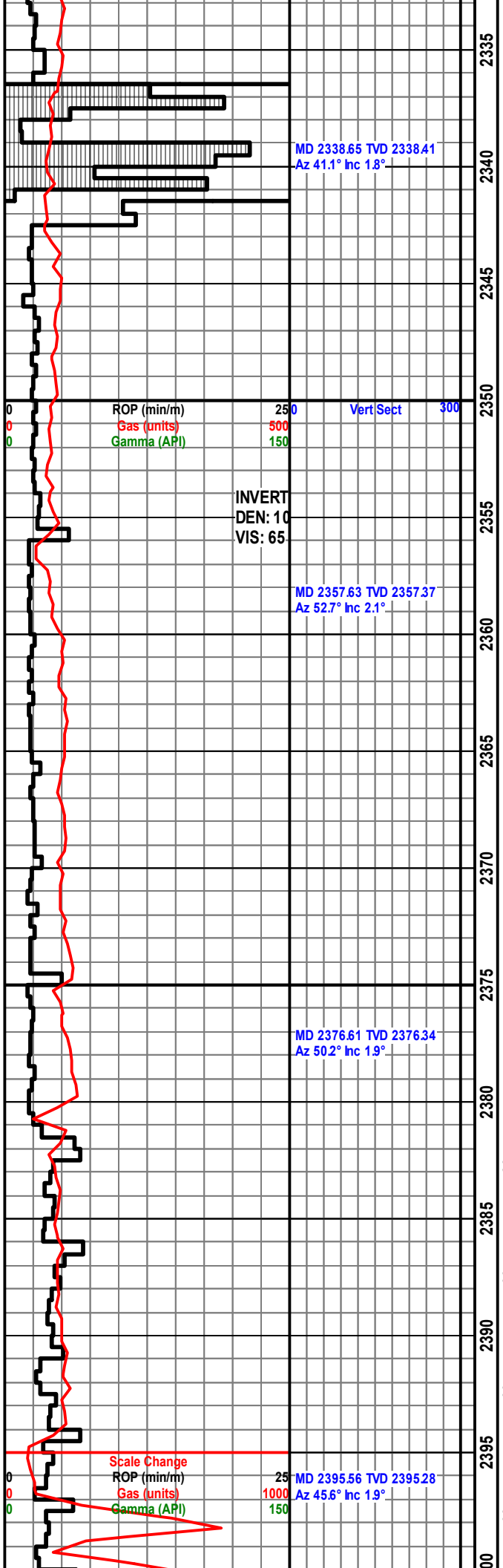
(2300-2305) SS(50%) clr-wh, med-c grn, sb ang-sb rd, mod srt, predu unconcs, scat dk-clr l cht grns, scat pyr nod, intgran por, SH(50%) med-dk gy, blk-y-sub fis, micmica, frm.

(2305-2315) SH(100%) med-dk gy, blk-y-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, blk-y-sub fis, micmica, frm, ip slty, sft gy arg mat, SS(20%) clr-wh, med-c grn, sb ang-sb rd, mod srt, predu unconcs, scat dk-clr l cht grns, scat pyr nod, intgran por.

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



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

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

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

**Cardium Zone @ 2381.0mMD,
 2381.0mTVD,
 -1088.9m SSL**

(2380-2390) SH(70%) med-dk gy, blk-sub 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, blk-sub 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 slit frag, sil cmt, tr cal, p por, SH(20%) med-dk gy, blk-y-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 slit frag, sil cmt, tr cal, p por, SH(10%) med-dk gy, blk-y-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, blk-y-sb fis, med-hd micmica, ip slty.

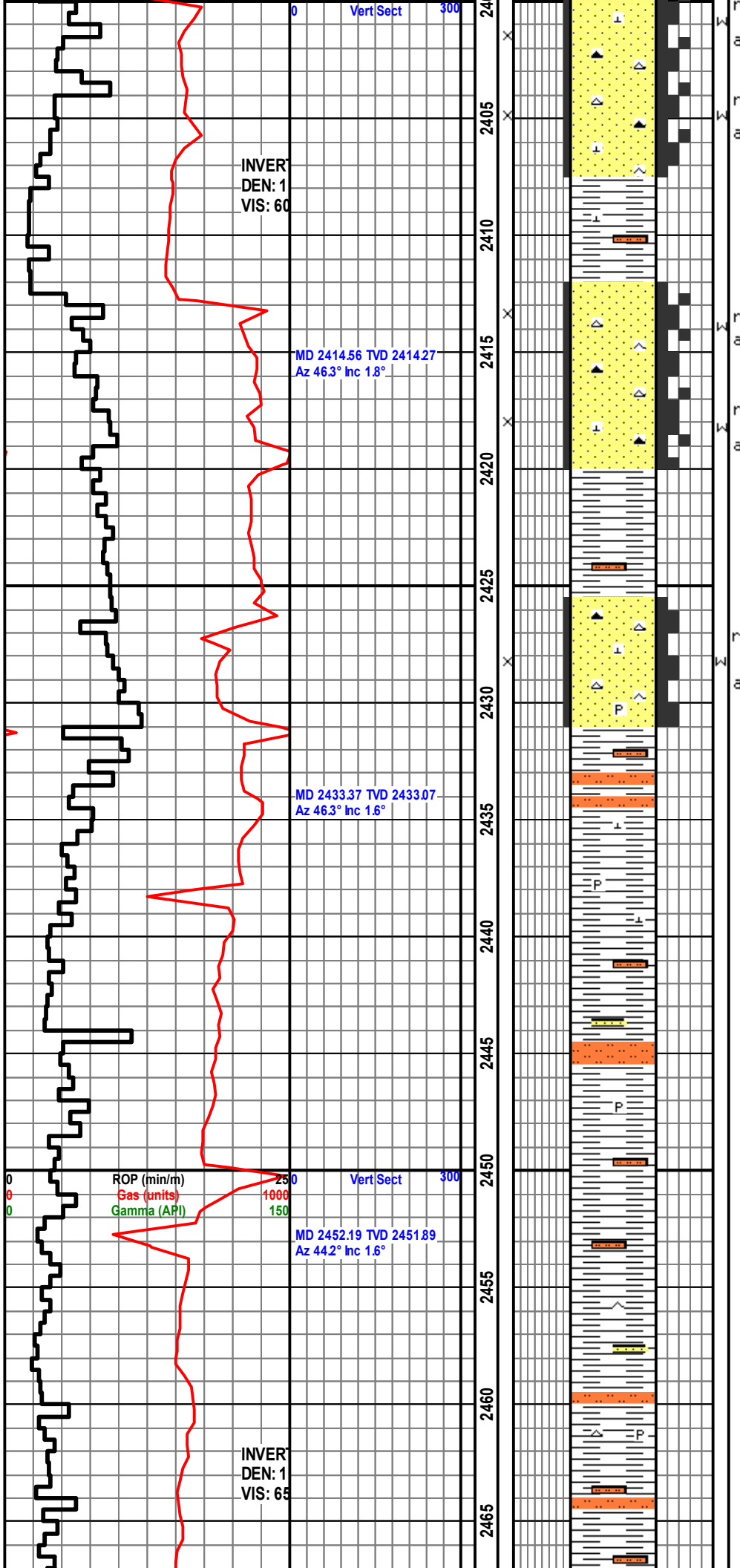
Kaskapau @ 2431.0mMD, 2431.0mTVD, -1138.9m SSL

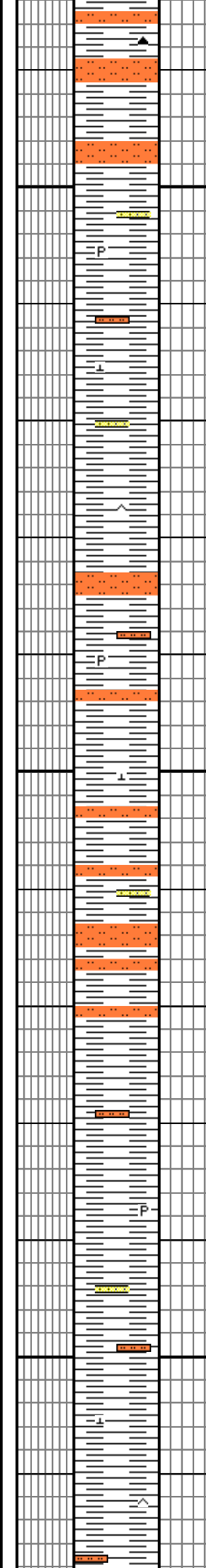
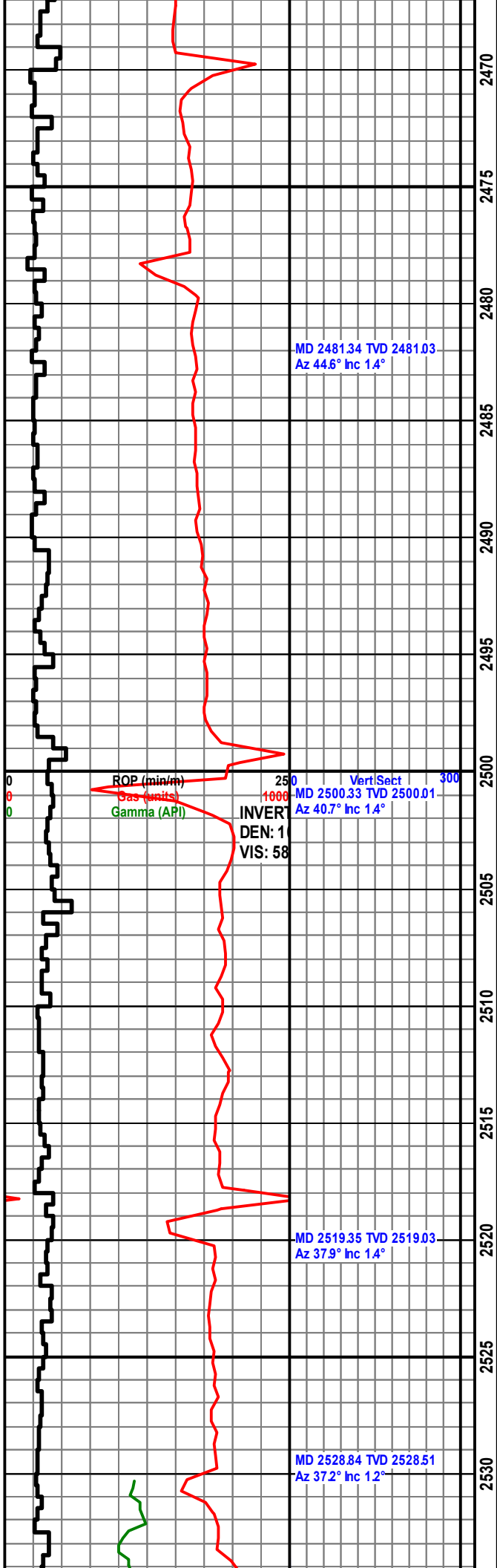
(2430-2440) SH(100%) lt-med gy, blk-y-sb fis, micmica, frm-hd, abnt sltst strgs, tr ss, tr pyr, rr cal.

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

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

(2460-2470) SH(100%) med-dk gy, blk-y-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, blkly-sb fis, micmica, frm-hd, tr lt gy ss, tr pyr, tr hd sltst strgs.

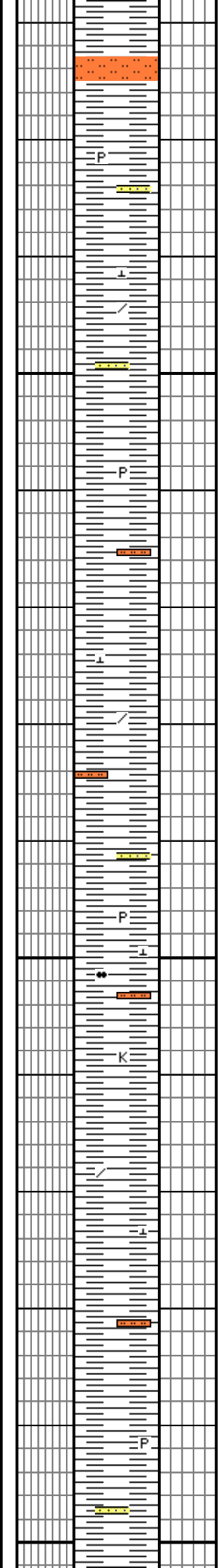
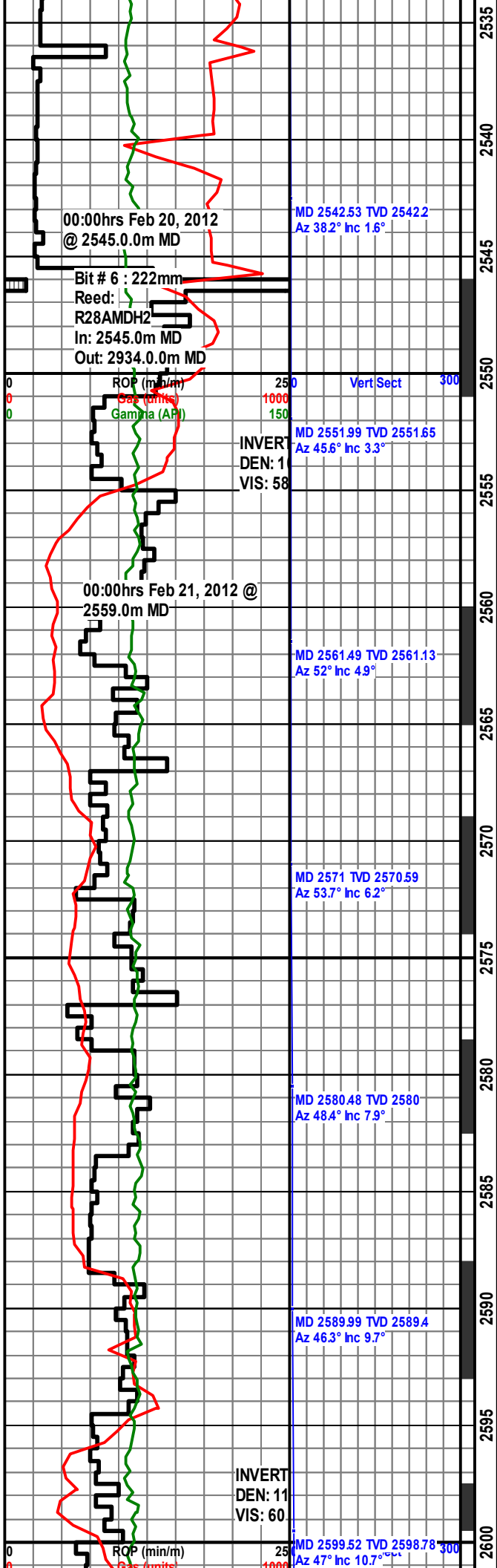
(2480-2490) SH(100%) lt-med gy, blkly-sb fis, micmica, frm-hd, tr s&p ss, tr pyr, hd sltst strgs, mnr sft gy arg mat.

(2490-2500) SH(100%) lt-med gy, blkly-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 blkly, 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 blkly, 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 blkly, 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, blkly-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, blkly-sb fis, micmica, frm-hd, ip sdy, occ sltst strgs, rr sft gy arg mat, mnr cal, tr pyr.

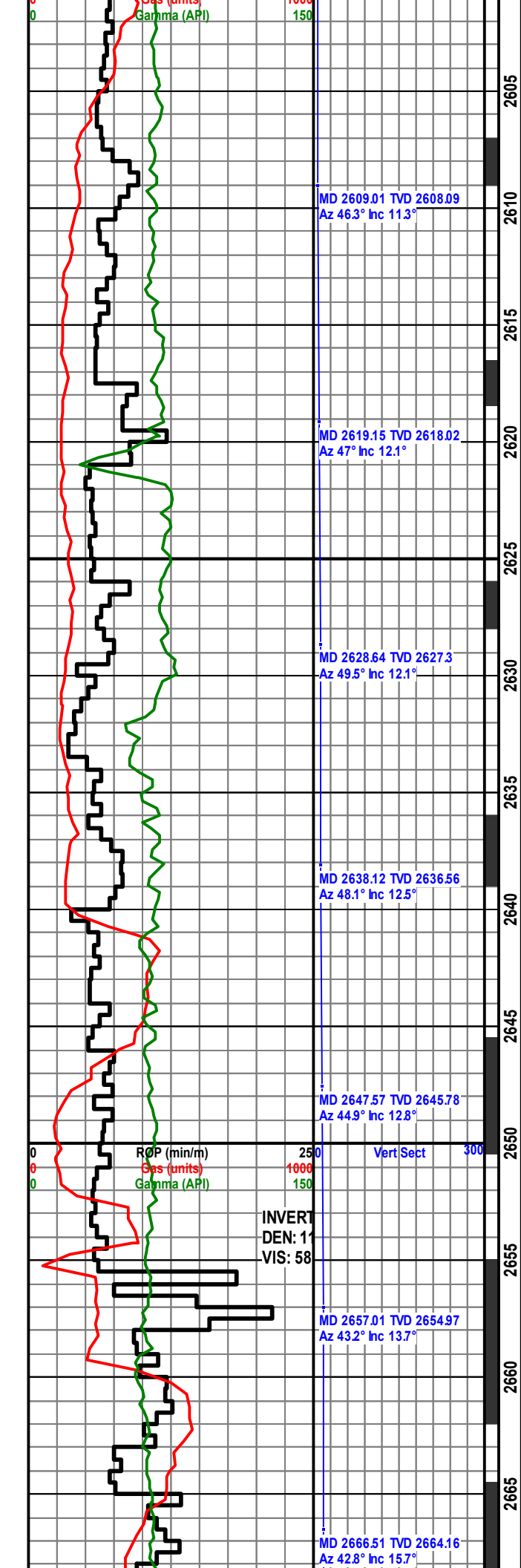
(KOP 2560m MD)

(2560-2570) SH(100%) lt-med gy, blkly-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, blkly-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, blkly-sb fis, micmica, frm, sl slty, occ sft gy arg mat, rr cal, tr pyr.

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



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

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

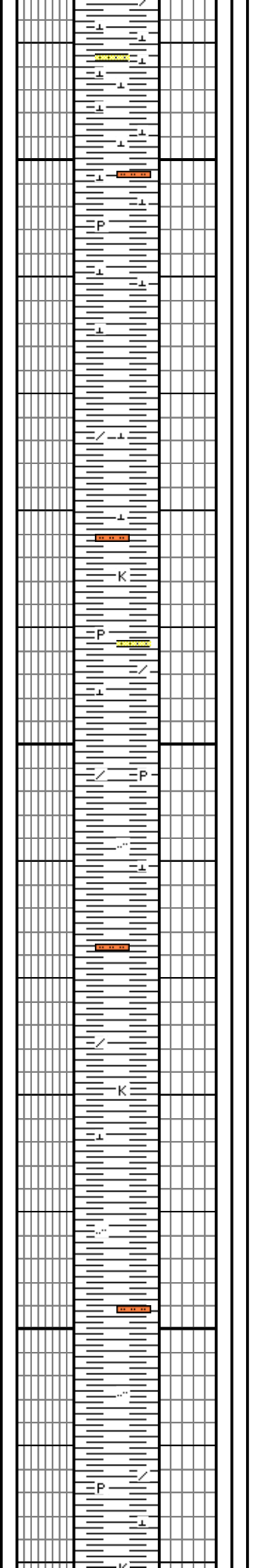
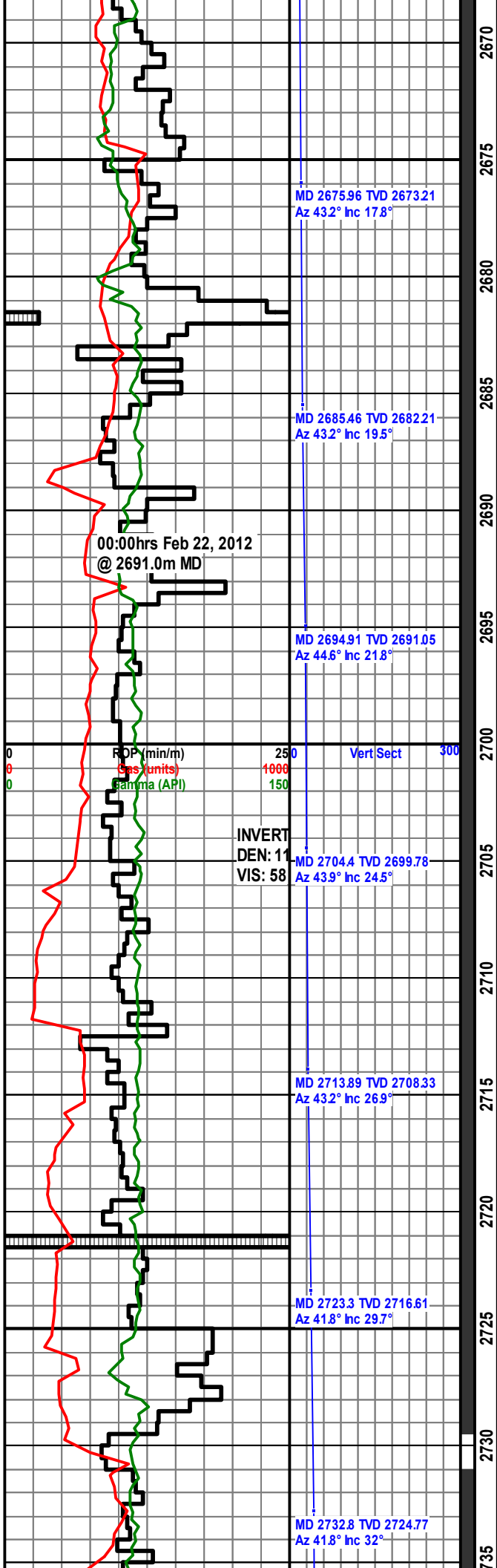
(2620-2630) SH(100%) lt gy, predy blk-y, ip sb fis, micmica, bcmg sft, sl slty, ip sdy, arg, mnr cal, rr pyr, tr kaol.

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

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

(2650-2660) SH(100%) lt gy, predy blk-y, 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 blk-y, ip sb fis, micmica, sft-med, ip slty, sl sdy, v arg, scat med grd cal, tr pyr, rr off wht phos nod, tr kaol.



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

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

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

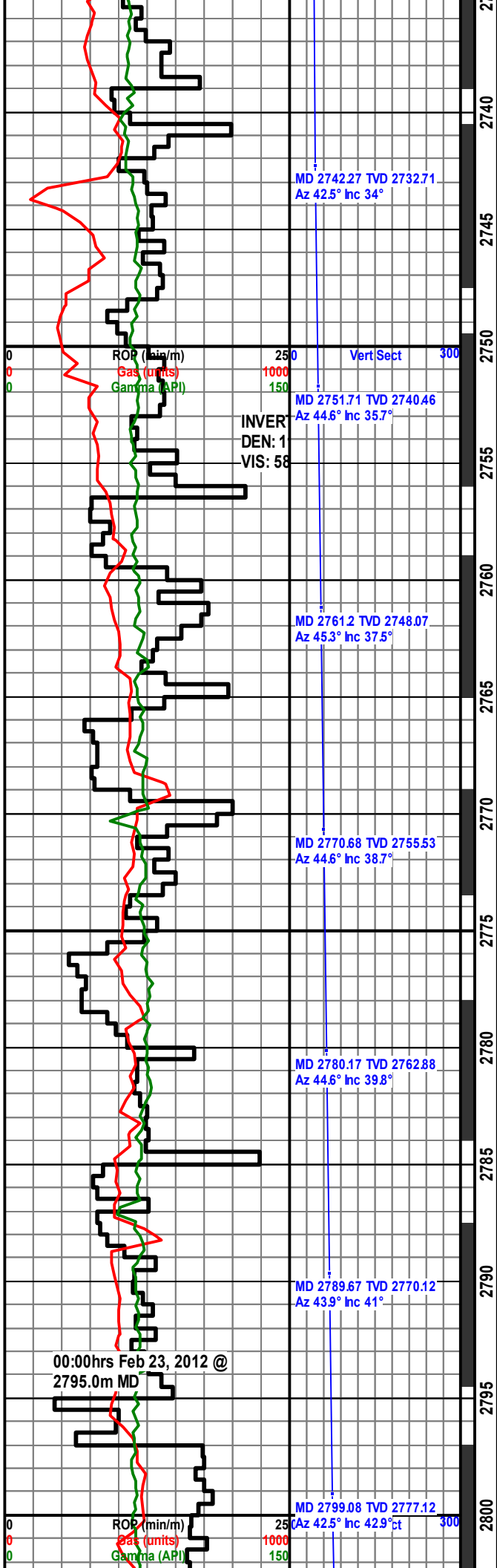
(2700-2710) SH(100%) lt gy-med gy, blk-sb fis, micmica, predy sft, ip frm, sl slty, mnr ss, calc, tr pyr, v arg.

(2710-2720) SH(100%) lt gy-med gy, blk-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 blk, 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 blk, ip sb fis, micmica, predy sft, ip med frm, sl slty, scat calc

ls, 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.

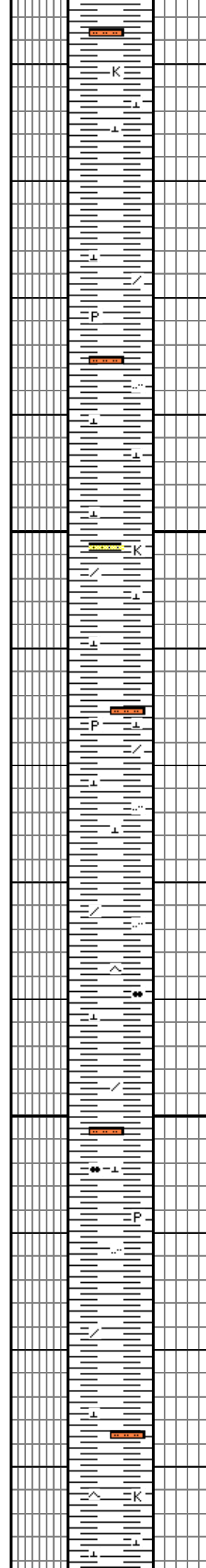
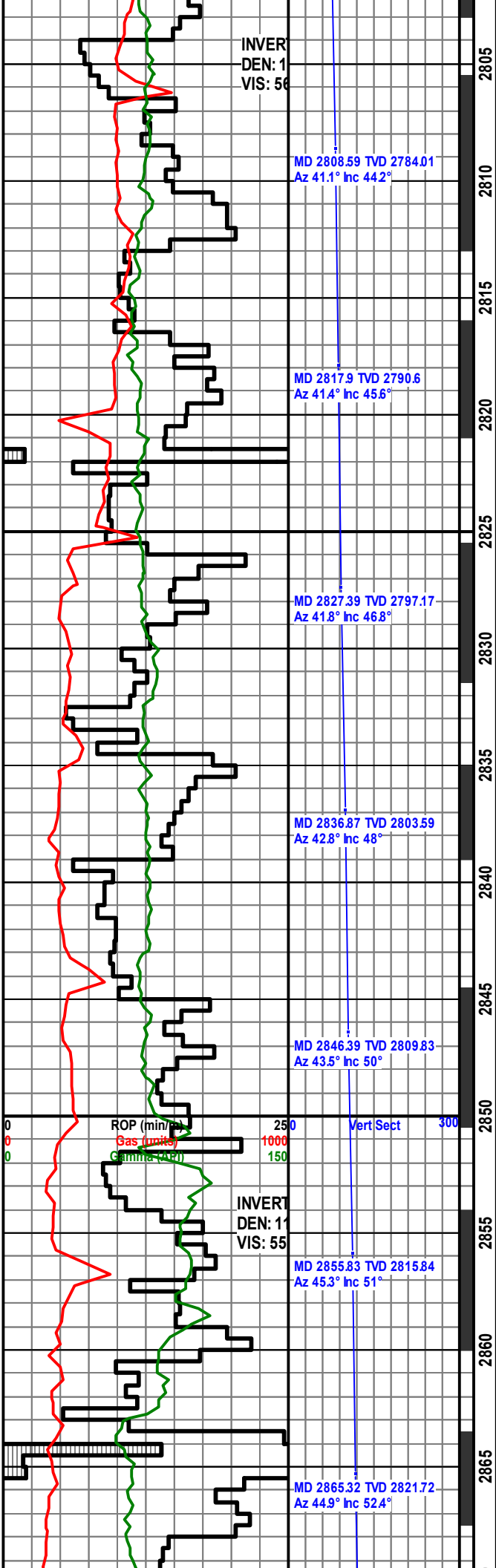
(2750-2760) SH(100%) lt gy, predy blky, ip sb fis, micmica, predy sft, ip med-frm, sl slty, mnr tr calc, mnr tr ss, tr pyr, tr kaol, v arg.

(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.

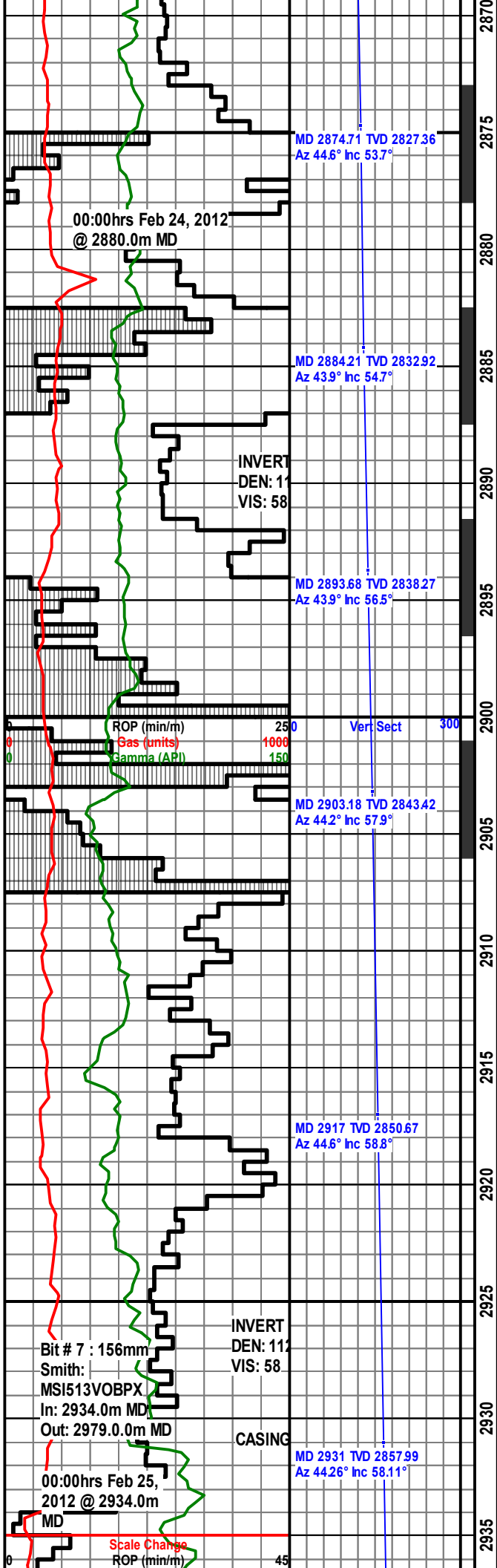
(2830-2840) SH(100%) lt gy, predy blky-sb fis, micmica, predy sft, sl slty, med grnd cal frag scat thru, tr ss, tr pyr, mnr kaol, lt brn arg mat.

(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, blkysb 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, blkysb 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, blkysb 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

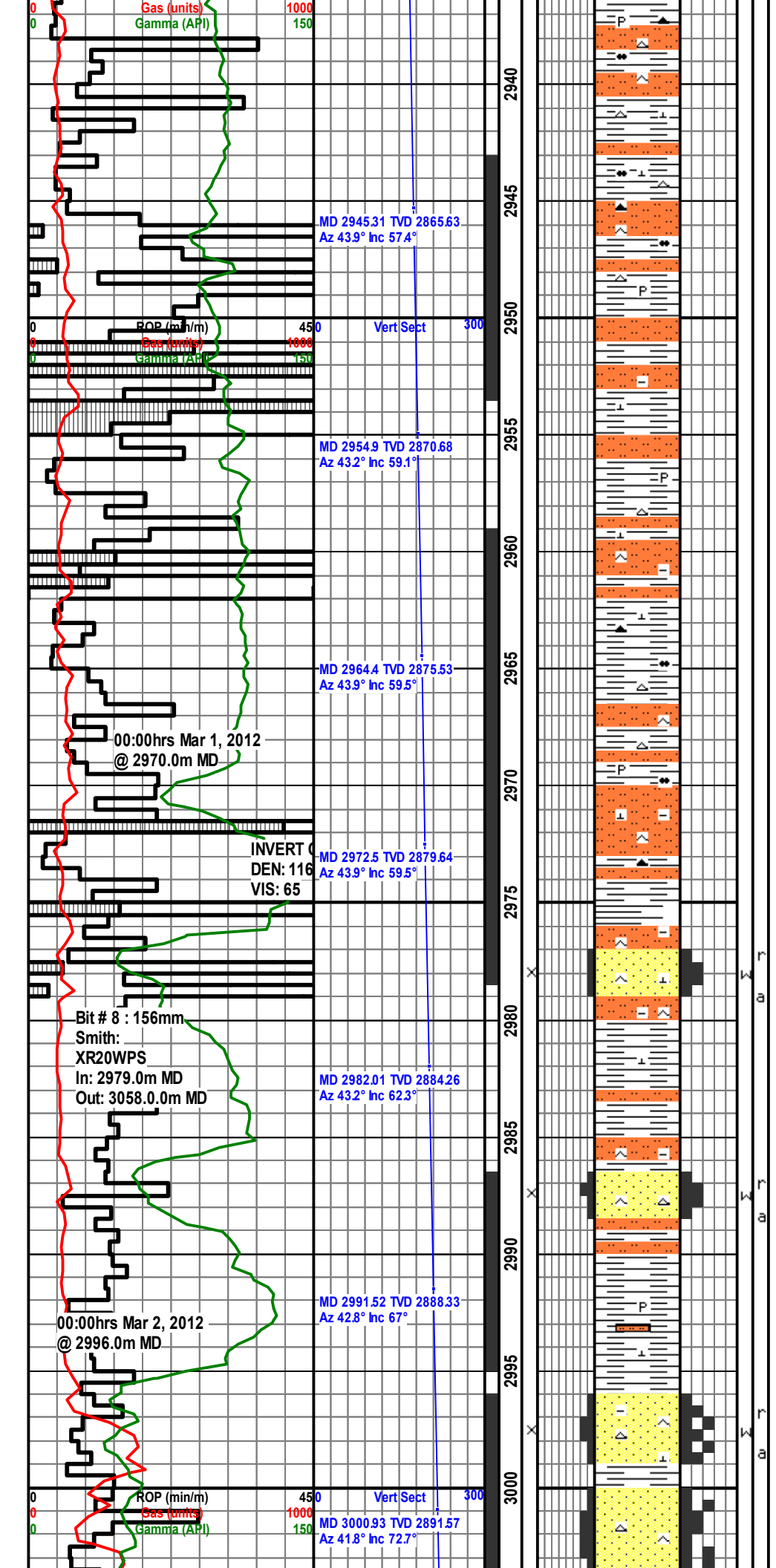
(2900-2910) SH(50%) lt-med gy, blkysb fis, micmica, sft, ip med, ip calc, tr pyr, tr kaol, v arg, SLTST(50%) lt-med gy, predy v f qtz grs, v arg, lse cons, bcmg silc

(2910-2920) SH(60%) lt-med gy, blkysb 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, blkysb 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

Intermediate Casing Set @



2931.35mMD, 2858.00mTVD, -1565.9
SSI
Drill Out (ICP) on Feb 29, 2012 @
03:45hr

(2934-2950) SH(50%) lt-med gy, blk-y-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, blk-y-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, blk-y-sb fis, micmica, frm-hd, tr pyr, tr off wht phos nod. ip v ara.

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

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

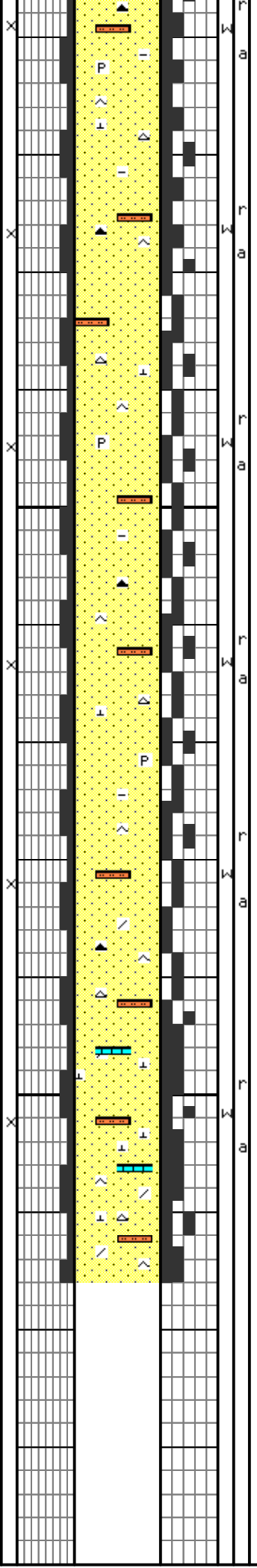
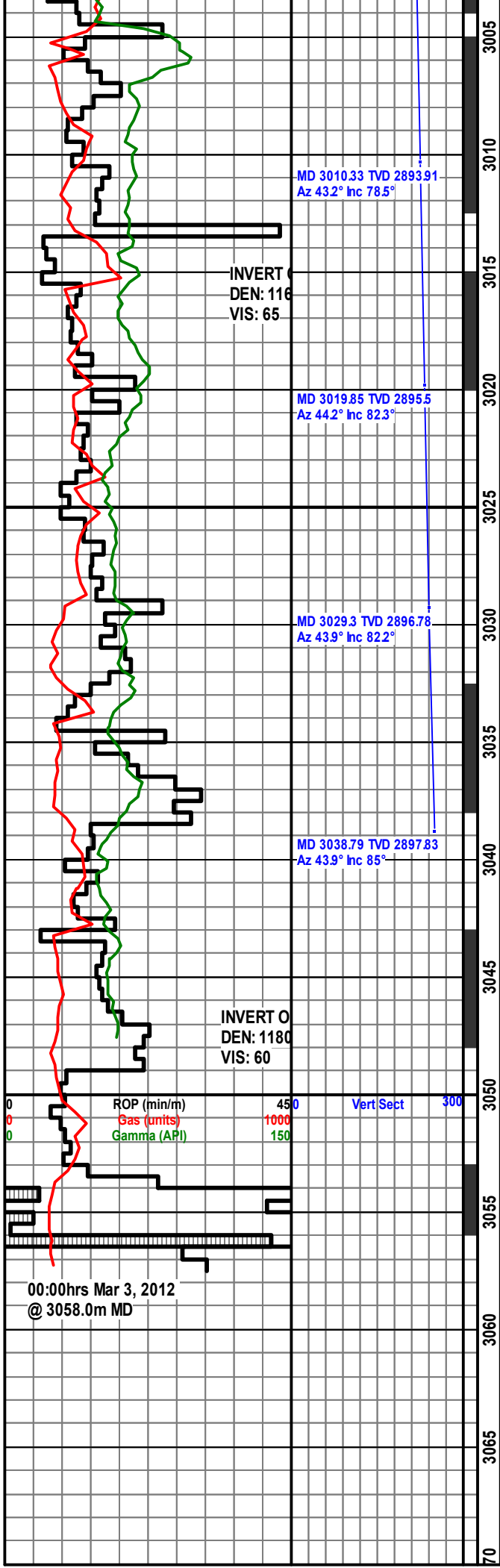
(2975-2985) SH(80%) lt-med gy, sb fis, ip blk-y, v slty, micmica, tr pyr, frm sltst strgs, SS(20%) lt-med gy, f-u f gr, predy uncons qtz grs, mn'r lthc grs, sb rd-sb ang, mod w srt, ip calc, intgr por, p.

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

(2985-2995) SH(60%) lt-med gy, sb fis, ip blk-y, v slty, micmica, tr pyr, frm sltst strgs, SS(20%) lt-med gy, f-u f gr, predy uncons qtz grs, mn'r lthc grs, sb rd-sb ang, mod w srt, ip calc, p por, SLTST(20%) lt-med gy, ip dk brn, predy v f qtz grs, v arg, ip calc, w cons, silc.

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

(2995-3000) SS(80%) lt-med gy, ip lt brn, occ clr, f-u f gr, predy uncons qtz grs, mn'r lthc grs, sb rd-sb ang, mod w srt, ip calc, intgr por, p-fr SH(20%) lt-med gy, sb fis, ip blk-y, v slty, micmica, tr pyr, frm sltst strgs



(3000-3010) SS(100%) lt-med gy, ip lt brn, occ clr, f-u f gr, tr med grn, predy unconcs qtz, mnr lthc grs, ip arg, sl slty, sb rd- sb ang, mod w srt, ip calc, intgr por, p-fr (3-6%)

(3010-3020) SS(100%) lt-med gy, ip lt brn, occ clr, f-u f gr, tr med grn, predy unconcs qtz, mnr lthc grs, ip arg, sl slty, sb rd- sb ang, mod w srt, occ lt & dk chrt grns, ip calc, intgr por, p-fr (3-6%)

(3020-3030) SS(100%) lt-med gy, ip lt brn, occ clr, f-u f gr, tr med grn, predy unconcs qtz, mnr lthc grs, ip arg, sl slty, sb rd- sb ang, mod w srt, occ lt & dk chrt grns, sl calc, intgr por, p-fr (4-7%)

(3030-3040) SS(100%) lt-med gy, ip lt-med brn, occ clr, f-u f gr, tr med grn, predy unconcs qtz, mnr lthc grs, ip arg, slty ip, sb rd- sb ang, mod w srt, lt & dk chrt grns, ip v calc, intgr por, p-fr (3-6%)

(3040-3050) SS(100%) lt-med gy, ip lt brn, occ clr, f-u f gr, tr med grn, predy unconcs qtz, lthc grs, bcmg arg, v slty ip, sb rd- sb ang, mod w srt, occ lt & dk chrt grns, bcmg v calc, intgr por, p-fr (2-5%)

(3050-3058) SS(100%) lt-med gy, ip lt brn, occ clr, f-u f gr, tr med grn, predy unconcs qtz, lthc grs, abnt off wht-lt brn arg mat, v slty ip, sb rd- sb ang, mod w srt, lt & dk chrt grns, v calc, tr lmst strgs, intgr por, p-fr (2-5%)