OPERATOR: **Bill Barrett Corp**

WELL NAME: Anschutz State 5-62-36-12
FIELD NAME: NE Wattenberg
DRILLING RIG: SST 17
API #: 05-123-38343

SCALE: 5"=100'
SURFACE HOLE: 1026 FNL, 1820 FWL
BOTTOM HOLE: 1026 FNL, 1820 FWL
LOCATION: NENW, Sec 36, T5N, R62W

Precision
Well Site Consulting, Inc.
Anschutz State 5-62-36-12

COUNTY: Weld
STATE: Colorado
GROUND ELEVATION: 4567
KELLY BUSHING: 4579
DRILLING FLUID: LSND
TVD VS. MD =: 8206.69 8042
SPUD DATE: January 17, 2014
FGS BEGIN LOGGING: 1000', January 17, 2014
TD DATE: January 20, 2014
DATES LOGGED: January 17, 2014 - January 20, 2014
DEPTHS LOGGED: 1000'-8042'
LOGGER: V. Blue Spikes - Precision Well Site Consulting

LEGEND

SHALE, LIMESTONE, SHALY LIMESTONE, MARLSTONE, CALCAREOUS SHALE, DOLOMITIC LIMESTONE, SILTY SHALE, SHALY SILTSTONE, SHALY SANDSTONE, SANDSTONE, ANHYDRITE

FORMATION, CONNECTION, WIPER/TRIP, NEW BIT, GAS SHOW

MD DEPTH (FT) | ROCK TYPE | GAS (UNITS) | METHANE | ROP | WOB | COMMENTS | CUTTINGS % | SAMPLE DESCRIPTION

-1000 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SS: wh, mlky, clr, lt gy, yel, pnk, sbrnd-sbang, f-m gr, w srt, w cmt, NSFOC

-1050 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SS: wh, mlky, clr, lt gy, pnk, sbrnd-sbang, m-c gr, w srt, w cmt, SH: med gy-dk gy, rthy, sft-mod frm, sbrnd-sblky, NSFOC

-1090 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SS: wh, mlky, clr, lt gy, pnk, sbrnd-sbang, m-c gr, w srt, w cmt, SH: med gy-dk gy, rthy, sft-mod frm, sbrnd-sblky, NSFOC

-1120 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SS: wh, mlky, clr, lt gy, pnk, sbrnd-sbang, f-m gr, w srt, w cmt, NSFOC

-1150 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SS: wh, mlky, clr, lt gy, pnk, sbrnd-sbang, f-m gr, w srt, w cmt, NSFOC

-1180 SS: wh, mlky, clr, lt gy, yel, pnk, v rthy, sbrnd-sbang, m-c gr, w srt, w cmt, SH: med gy-dk gy, rthy, sft-mod frm, sbrnd-sblky, NSFOC

-1210 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SS: wh, mlky, clr, lt gy, pnk, sbrnd-sbang, f-m gr, w srt, w cmt, SH: med gy-dk gy, rthy, sft-mod frm, sbrnd-sblky, NSFOC

-1240 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SS: wh, mlky, clr, lt gy, pnk, sbrnd-sbang, f-m gr, w srt, w cmt, SH: med gy-dk gy, rthy, sft-mod frm, sbrnd-sblky, NSFOC

-1270 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SS: wh, mlky, clr, lt gy, pnk, sbrnd-sbang, f-m gr, w srt, w cmt, SH: med gy-dk gy, rthy, sft-mod frm, sbrnd-sblky, NSFOC

-1300 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SS: wh, mlky, clr, lt gy, pnk, sbrnd-sbang, f-m gr, w srt, w cmt, SH: med gy-dk gy, rthy, sft-mod frm, sbrnd-sblky, NSFOC

-1330 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SS: wh, mlky, clr, lt gy, pnk, sbrnd-sbang, f-m gr, w srt, w cmt, SH: med gy-dk gy, rthy, sft-mod frm, sbrnd-sblky, NSFOC

-1360 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SS: wh, mlky, clr, lt gy, pnk, sbrnd-sbang, f-m gr, w srt, w cmt, SH: med gy-dk gy, rthy, sft-mod frm, sbrnd-sblky, NSFOC

-1390 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SS: wh, mlky, lt gy, pnk, sbrnd-sbang, f-m gr, w srt, w cmt, NSFOC

-1420 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SS: wh, mlky, lt gy, pnk, sbrnd-sbang, f-m gr, w srt, w cmt, NSFOC

-1450 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SS: wh, mlky, lt gy, pnk, sbrnd-sbang, f-m gr, w srt, w cmt, NSFOC

-1480 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SS: wh, mlky, lt gy, pnk, sbrnd-sbang, f-m gr, w srt, w cmt, NSFOC

-1510 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SS: wh, mlky, lt gy, pnk, sbrnd-sbang, f-m gr, w srt, w cmt, NSFOC

-1540 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, NSFOC

-1570 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, NSFOC

-1600 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, NSFOC

-1630 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-1660 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-1690 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-1720 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-1750 SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, SHLY LS: lt gy, crm, lt brn, mod frm-frm, slty, m xln, NSFOC

-1780 SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, SHLY LS: lt gy, crm, mod frm-frm, slty, NSFOC

-1810 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-1840 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-1870 SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-1900 SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, SH: lt-med gy, rthy, sft-mod frm, sbrnd-sblky, NSFOC

-1930 SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-1960 SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-1990 SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-2020 SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-2050 SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-2080 SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-2110 SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-2140 SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-2170 LS: lt brn, crm, lt gy, sucr, mod hd-hd, slpdy dns, SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-2200 SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, LS: lt brn, crm, lt gy, sucr, mod hd-hd, slpdy dns, NSFOC

-2230 SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-2260 SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-2290 SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-2320 SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, NSFOC

-2350 SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, NSFOC

-2380 SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, NSFOC

-2410 SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, NSFOC

-2440 SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, NSFOC

-2470 SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, NSFOC

-2500 SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, NSFOC

-2530 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-2560 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, NSFOC

-2590 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, NSFOC

-2620 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, NSFOC

-2650 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, NSFOC

-2680 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, NSFOC

-2710 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, NSFOC

-2740 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, NSFOC

-2770 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-2800 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-2830 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-2860 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-2890 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-2920 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-2950 SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, SH: med gy-dk gy, rthy, sft-mod frm, sbrnd-sblky, NSFOC

-2980 SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, LS: lt brn, crm, lt gy, sucr, mod hd-hd, slpdy dns, NSFOC

-3010 SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-3040 SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-3070 SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-3100 SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, NSFOC

-3130 SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, NSFOC

-3160 SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, NSFOC

-3190 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SS: wh, mlky, clr, lt gy, sbrnd-sbang, f-m gr, w srt, w cmt, SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-3220 SS: wh, mlky, clr, lt gy, sbrnd-sbang, f-m gr, w srt, w cmt, sdfrm-frm, SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-3250 SS: wh, mlky, clr, lt gy, sbrnd-sbang, f-m gr, w srt, w cmt, SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-3280 SS: wh, mlky, clr, lt gy, sbrnd-sbang, f-m gr, w srt, w cmt, SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-3310 SS: wh, mlky, clr, lt gy, sbrnd-sbang, f-m gr, w srt, w cmt, SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-3340 SS: wh, mlky, clr, lt gy, sbrnd-sbang, f-m gr, w srt, w cmt, SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-3370 SS: wh, mlky, clr, lt gy, sbrnd-sbang, f-m gr, w srt, w cmt, SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-3400 SS: wh, mlky, clr, lt gy, sbrnd-sbang, f-m gr, w srt, w cmt, SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-3430 SS: wh, mlky, clr, lt gy, sbrnd-sbang, f-m gr, w srt, w cmt, SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-3460 SS: wh, mlky, clr, lt gy, sbrnd-sbang, f-m gr, w srt, w cmt, SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-3490 SS: wh, mlky, clr, lt gy, sbrnd-sbang, f-m gr, w srt, w cmt, SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-3520 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-3550 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-3580 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-3610 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-3640 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-3670 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-3700 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-3730 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-3760 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-3790 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-3820 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-3850 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-3880 SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, NSFOC

-3910 SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, NSFOC

-3940 SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, NSFOC

-3970 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, NSFOC

-4000 SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, NSFOC

-4030 SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, NSFOC

-4060 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SS: wh, mlky, clr, lt gy, sbrnd-sbang, f-m gr, w srt, w cmt, NSFOC

-4090 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, SS: wh, mlky, clr, lt gy, sbrnd-sbang, f-m gr, w srt, w cmt, NSFOC

-4120 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-4150 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SS: wh, mlky, clr, lt gy, sbrnd-sbang, f-m gr, w srt, w cmt, NSFOC

-4180 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SS: wh, mlky, clr, lt gy, sbrnd-sbang, f-m gr, w srt, w cmt, NSFOC

-4210 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-4240 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-4270 SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, NSFOC

-4300 SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, NSFOC

-4330 SHLY SS: lt-med gy, sdgy, f gr, sbrnd-sbang, w srt, m cmt, sl calc cmt, sdfrm-frm, SS: wh, mlky, clr, lt gy, sbrnd-sbang, f-m gr, w srt, w cmt, NSFOC

-4360 SS: wh, mlky, clr, lt gy, sbrnd-sbang, f-m gr, w srt, w cmt, SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-4390 SS: wh, mlky, clr, lt gy, sbrnd-sbang, f-m gr, w srt, w cmt, SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-4420 SS: wh, mlky, clr, lt gy, sbrnd-sbang, f-m gr, w srt, w cmt, NSFOC

-4450 SS: wh, mlky, clr, lt gy, sbrnd-sbang, f-m gr, w srt, w cmt, NSFOC

-4480 SS: wh, mlky, clr, lt gy, sbrnd-sbang, f-m gr, w srt, w cmt, NSFOC

-4510 SS: wh, mlky, clr, lt gy, sbrnd-sbang, f-m gr, w srt, w cmt, NSFOC

-4540 SS: wh, mlky, clr, lt gy, sbrnd-sbang, f-m gr, w srt, w cmt, NSFOC

-4570 SS: wh, mlky, clr, lt gy, sbrnd-sbang, f-m gr, w srt, w cmt, NSFOC

-4600 SS: wh, mlky, clr, lt gy, sbrnd-sbang, f-m gr, w srt, w cmt, NSFOC

-4630 SS: wh, mlky, clr, lt gy, sbrnd-sbang, f-m gr, w srt, w cmt, NSFOC

-4660 SS: wh, mlky, clr, lt gy, sbrnd-sbang, f-m gr, w srt, w cmt, NSFOC

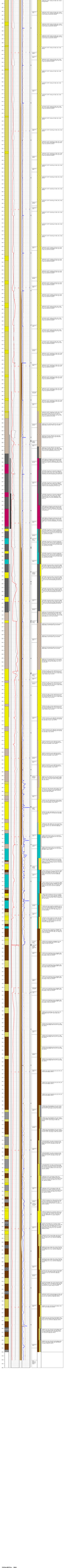
-4690 SS: wh, mlky, clr, lt gy, sbrnd-sbang, f-m gr, w srt, w cmt, SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-4720 SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, LS: lt brn, crm, lt gy, sucr, mod hd-hd, slpdy dns, NSFOC

-4750 SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, LS: lt brn, crm, lt gy, sucr, mod hd-hd, slpdy dns, NSFOC

-4780 SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, LS: lt brn, crm, lt gy, sucr, mod hd-hd, slpdy dns, NSFOC

-4810 SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, SH: med gy-dk gy, rthy, sft-mod frm, sbrnd-sblky, NSFOC

-4840 SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC

-4870 SHLY SLTST: lt-med gy, slt, lthy, rthy, sl calc, NSFOC