



Scale: 5" / 100'  
Measured Depth Log

**Well Name** SHOOK 3-10-3NBH\_VERT\_CURVE

**Location** SECTION 3 T1S R67W

**State** COLORADO

**County** ADAMS

**Country** USA

**Rig Number** ENSIGN 145

**API Number** 05-001-09977

**AFE #** 1700012

**Geographic Region** DJ BASIN

**Field** WATTENBERG

**Spud Date** 4/16/2017

**Drilling Completed** 8/2/2017

**Surface Coordinates** Section 3, 2058' FSL x 2154' FEL  
39.992232, -104.873614

**Bottom Hole Coordinates** Section 3, 698' FSL x 1608' FEL  
39.988435, -104.871883

**Ground Elevation** 5095'

**K.B. Elevation** 5111'

**Logged Interval** 1808' **To** 8150'

**Total Depth** 6342'

**Formation** TERTIARY SANDS to NIOBRARA B CHALK

**Type of Drilling Fluid** OBM - OIL BASED MUD

## Operator

**Company** Petro Share

**Address** 9635 Maroon Circle, Suite 400  
Englewood, CO 80112



## Geologist

Name JOEY LUCE, SAGE BETTS

Company TERRA GUIDANCE

Address 1298 O Road  
Loma CO 81524  
(970) 260-5408

## Rock Types

UNKNOWN	CLAYSTONE	SHALY SILTSTONE	METAMORPHIC
ANHYDRITE	SHALE	SILTY SHALE	GYPSUM
SIDERITE or LIMONITE	SHALE GRAY	CONGLOMERATE	SALT
LIMESTONE	SILTSTONE	BENTONITE	COAL
MARLSTONE	SANDSTONE	SHALE COLORED	CHERT
CHALK	SILTY SANDSTONE	IGNEOUS	CEMENT

## Accessories

### Fossils

ALGAE  
AMPHIPORA  
BELEMNITE  
BIOCLASTIC  
BRACHIOPOD  
BRYOZOA  
CEPHALOPOD  
CORAL  
CRINOID  
ECHINOID  
FISH  
FORAMINIFERA

### Fossil

GASTROPOD  
OOLITE  
OSTRACOD  
PELECYPOD  
PELLET  
PISOLITE  
PLANT REMAINS  
PLANT SPORES  
SCAPHOPOD  
STROMATOPOROID

### Minerals

ANHYDRITIC

### Argillaceous

ARGILLITE GRAIN  
BENTONITE  
BITUMENOUS SUBSTANCE  
BRECCIA FRAGMENTS  
CALCAREOUS  
CARBONACEOUS FLAKES  
CHTDK  
CHTLT  
COAL - THIN BEDS  
DOLOMITIC  
FELDSPAR  
FERRUGINOUS PELLET  
FERRUGINOUS

### Glauconite

GLAUCONITE  
GYPSIFEROUS  
HEAVY MINERAL  
KAOLIN  
MARLSTONE  
MINERAL CRYSTALS  
NODULES  
PHOSPHATE PELLETS  
PYRITE  
SALT CAST  
SANDY  
SILICEOUS  
SILTY  
TUFACEOUS

### Stringer

ANHYDRITE STRINGER  
BENTONITE STRINGER  
COAL STRINGER  
DOLOMITE STRINGER  
GYPSUM STRINGER  
LIMESTONE STRINGER  
MARLSTONE (CALC) STRG  
MARLSTONE (DOL) STRG  
SANDSTONE STRINGER  
SHALE STRINGER  
SILTSTONE STRINGER

## Other Symbols

### Oil Show

DEAD  
EVEN  
QUESTIONABLE  
SPOTTED STAINING

### Porosity

EARTHY  
FENESTRAL  
FRACTURE  
INTERCRYSTALLINE  
INTEROOLITIC  
MOLDIC

### Organic

PINPOINT  
VUGGY

### Engineering

BIT  
CASING  
CONNECTION (LEFT)  
CONNECTION (RIGHT)  
CONNECTION GAS  
CORE - LOST  
CORE - RECOVERED  
DST INTERVAL  
FAULT

### Formation Top

GAS SHOW  
MN DEPTH  
NORMAL FAULT  
OIL SHOW  
OVERTURNED STRATA  
REVERSE FAULT  
SIDEWALL CORE (LEFT)  
SIDEWALL CORE (RIGHT)  
SLIDE  
SURVEY  
TRIP GAS  
WIRELINE TESTED - LEFT  
WIRELINE TESTED - RT

### Rounding

ANGULAR  
ROUNDED  
SUBANG  
SUBRND

### Textures

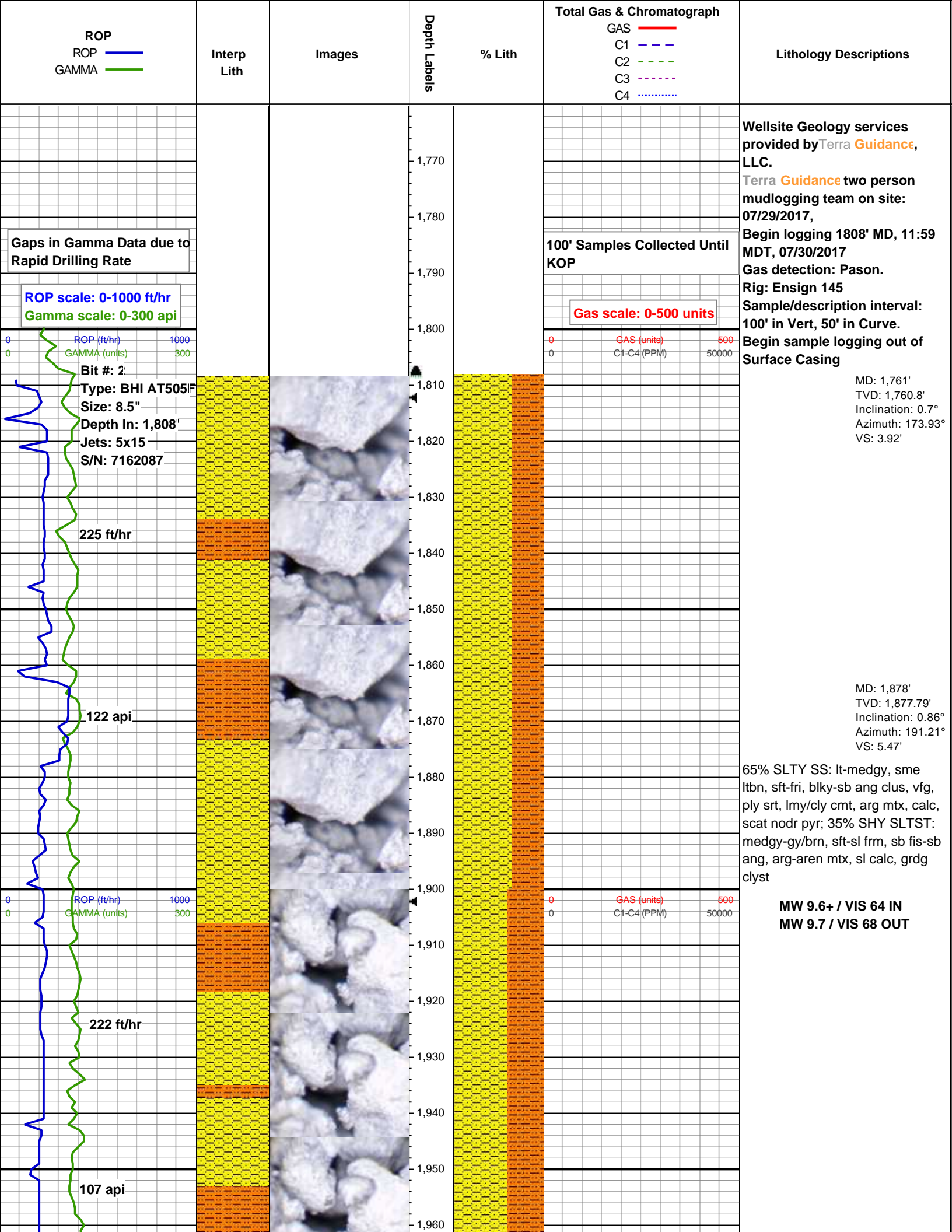
BOUNDSTONE  
CHALKY  
CRYPTOXLN  
EARTHY  
FINELYXLN  
GRAINSTONE

### Lithographic

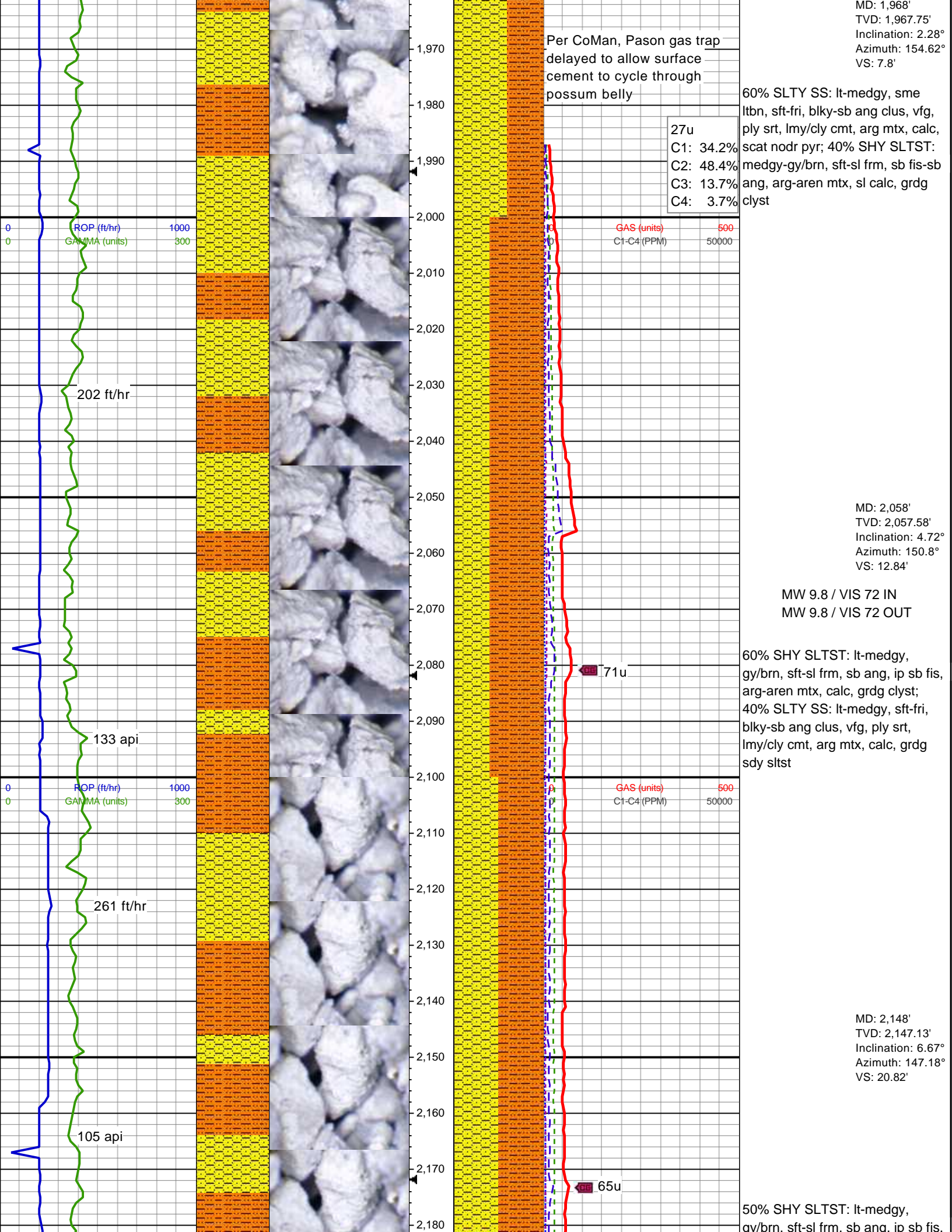
MICROXLN  
MUDSTONE  
PACKSTONE  
WACKESTONE

### Sorting

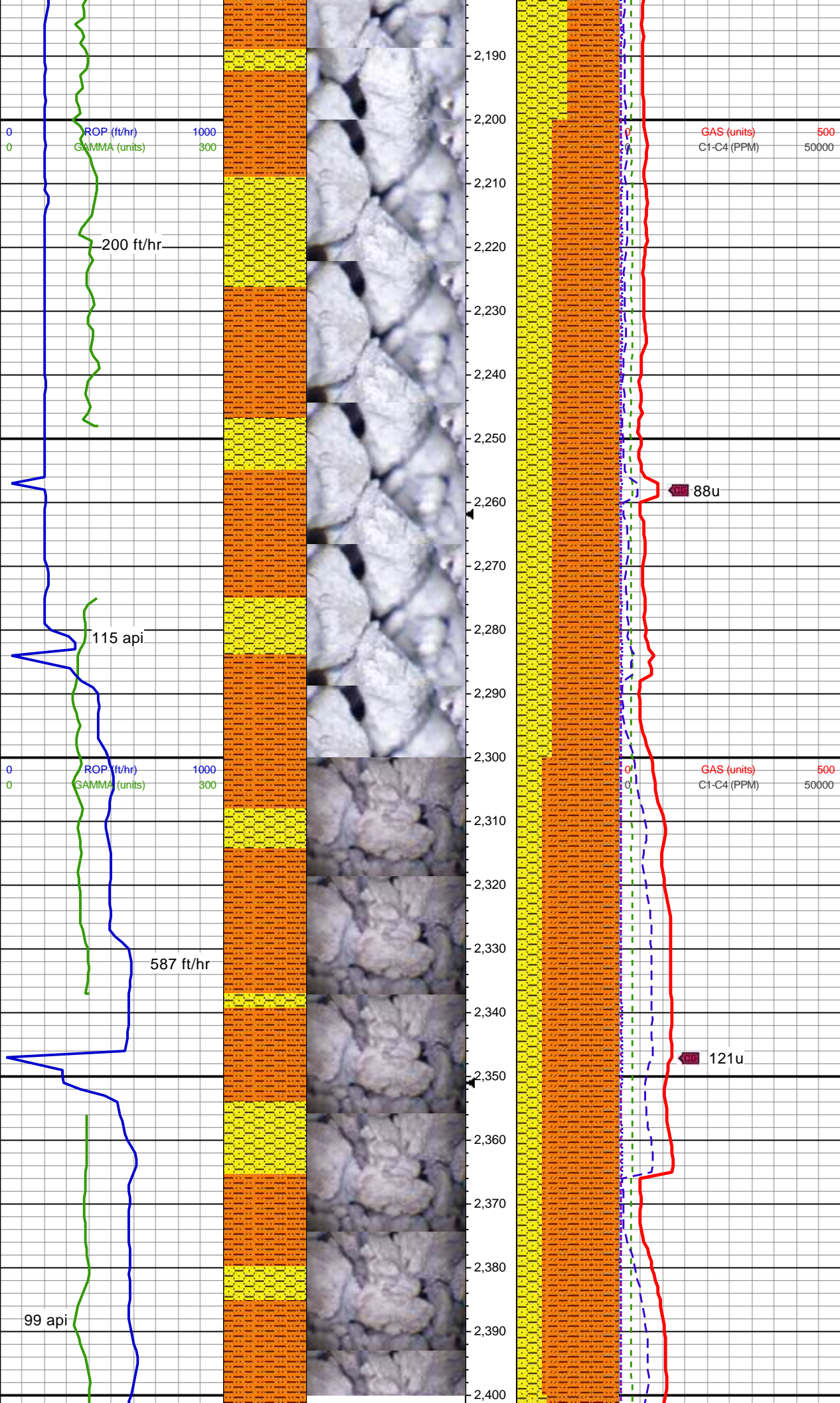
MODERATE  
POOR  
WELL











arg mtx, aren-tr sdy ip, calc, ip  
grdg clyst; 50% SLTY SS:  
lt-medgy, sft-fri, sb blk-sb ang  
clus, vfg, ply srt, lmy/cly cmt, arg  
mtx, calc, grdg sdy sltst

MD: 2,238'  
TVD: 2,236.36'  
Inclination: 8.28°  
Azimuth: 145.43°  
VS: 31.06'

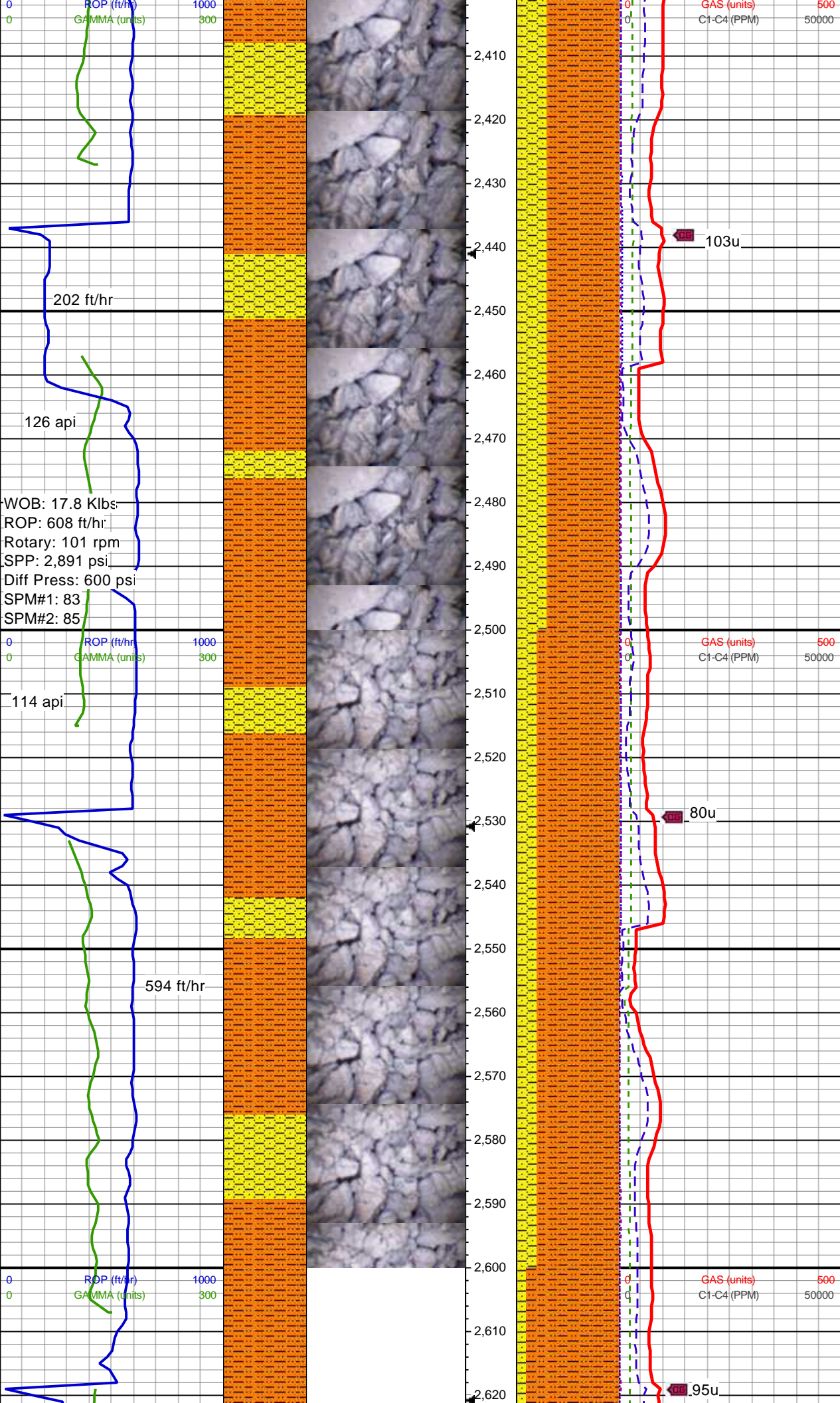
MW 9.7+ / VIS 75 IN  
MW 9.7+ / VIS 75 OUT

65% SHY SLTST: lt-medgy,  
gy/brn, sft-sl frm, sb ang, ip sb fis,  
arg mtx, aren-tr sdy ip, calc, ip  
grdg clyst; 35% SLTY SS:  
lt-medgy, sft-fri, sb blk-sb ang  
clus, vfg, ply srt, lmy/cly cmt, arg  
mtx, calc, grdg sdy sltst

MD: 2,328'  
TVD: 2,325.11'  
Inclination: 10.84°  
Azimuth: 147.38°  
VS: 44.16'

75% SHY SLTST: lt-medgy,  
gy/brn, sft-sl frm, sb ang-sb blk,  
ip sb fis, arg mtx, aren-tr sdy ip,  
calc, ip grdg clyst; 25% SLTY SS:  
lt-medgy, sft-fri, sb blk-sb ang  
clus, vfg, ply srt, lmy/cly cmt, arg  
mtx, calc, grdg sltst





MW 9.6+ / VIS 70 IN  
MW 9.7 / VIS 74 OUT

MD: 2,418'  
TVD: 2,413.51'  
Inclination: 10.81°  
Azimuth: 151.34°  
VS: 59.35'

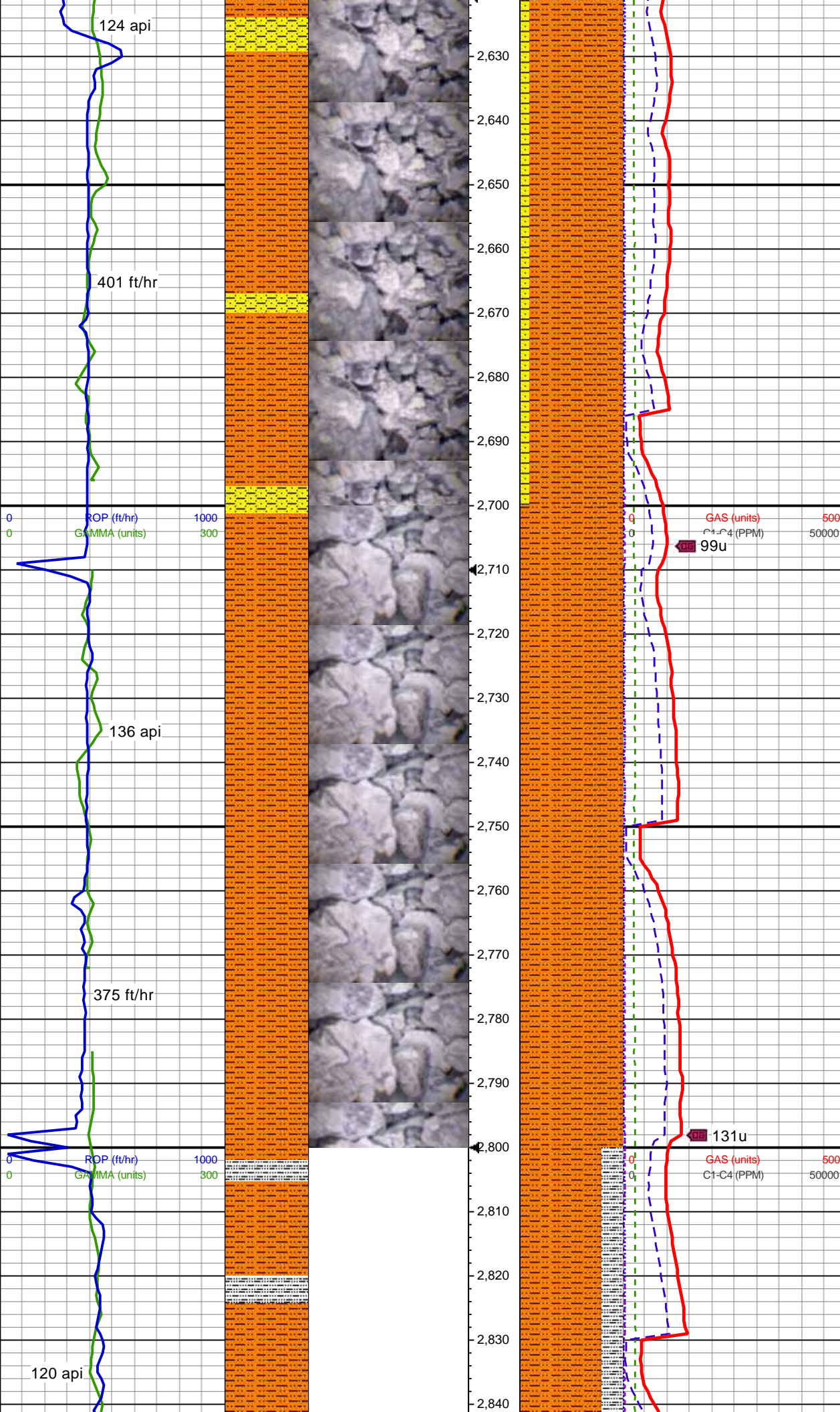
70% SHY SLTST: lt-medgy,  
gy/brn, sft-sl frm, sb ang-sb blkly,  
ip sb fis, arg mtx, aren-tr sdy ip,  
calc, ip grdg clyst; 30% SLTY SS:  
lt-medgy, sft-fri, sb blkly-sb ang  
clus, vfg, ply srt, lmy/cly cmt, arg  
mtx, calc, grdg sltst

MD: 2,508'  
TVD: 2,501.92'  
Inclination: 10.76°  
Azimuth: 154.51°  
VS: 74.92'

80% SHY SLTST: lt-medgy,  
gy/brn, sft-sl frm, sb ang-sb blkly,  
ip sb fis, arg mtx, aren-tr sdy ip,  
calc, ip grdg clyst; 20% SLTY SS:  
lt-medgy, sft-fri, sb blkly-sb ang  
clus, vfg, ply srt, lmy/cly cmt, arg  
mtx, calc, grdg sltst

MD: 2,598'  
TVD: 2,590.33'  
Inclination: 10.79°  
Azimuth: 160.38°  
VS: 90.91'





MD: 2,687'  
TVD: 2,677.76'  
Inclination: 10.77°  
Azimuth: 158.56°  
VS: 106.93'

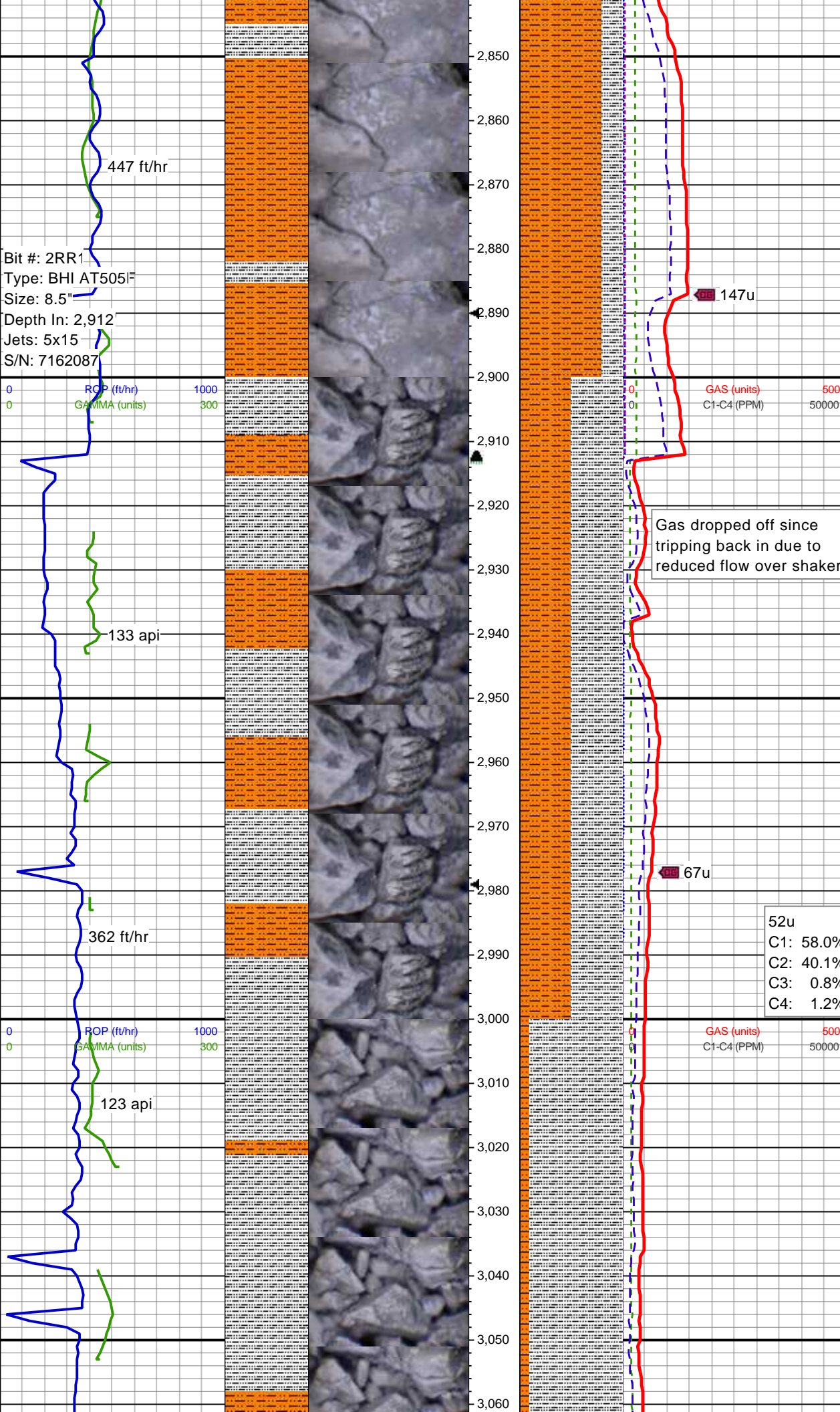
90% SHY SLTST: lt-med gy brn,  
sft frm, sb ang-sb blk, arg mtx,  
aren ip, calc, grdg clyst; 10%  
SLTY SS: lt-med gy, sft frm, sb  
blk-sb ang clus, vfg, ply srt,  
lmy/cly cmt, arg mtx, calc, grdg  
sltst

MW 9.6+ / VIS 60 IN  
MW 9.7 / VIS 58 OUT

MD: 2,777'  
TVD: 2,766.15'  
Inclination: 11°  
Azimuth: 152.38°  
VS: 122.89'

100% SHY SLTST: med gy-med  
dk gy, sl sft frm, sb ang-sb blk, v  
arg mtx, aren ip, calc, grdg clyst





MD: 2,867'  
TVD: 2,854.49'  
Inclination: 11.03°  
Azimuth: 149.34°  
VS: 138.54'

80% SHY SLTST: med gy-med dk gy, sl sft-frm, sb ang-sb blkly, v arg mtx, aren ip, calc, grdg clyst; 20% SLTY SH: med gy-dk gy, frm, sb ang-sb blkly, arg mtx, v sl slty, calc cmt

TOOH to check on odd torque;  
changed out motor, 2912' MD  
17:55 MDT on 07/30/2017  
Back on Bottom Drilling  
23:01 MDT on 07/30/2017

Gas dropped off since  
tripping back in due to  
reduced flow over shaker

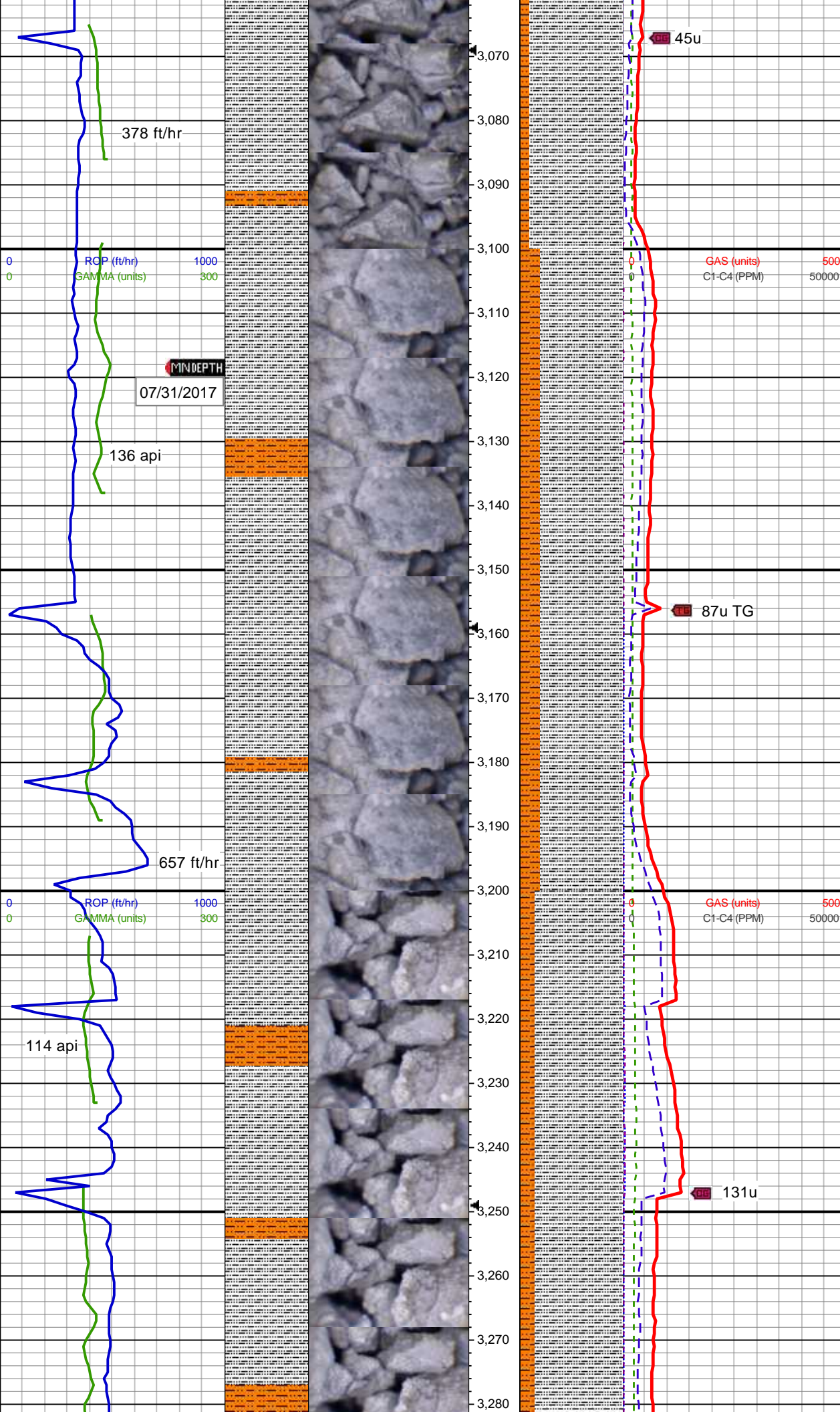
MD: 2,956'  
TVD: 2,942.17'  
Inclination: 8.72°  
Azimuth: 138.65°  
VS: 151.61'

MW 9.8 / VIS 57 IN  
MW 9.8 / VIS 56 OUT

50% SHY SLTST: med gy-med dk gy, v sft, sb ang-sb blkly, v arg mtx, calc, grdg clyst; 50% SLTY SH: med gy-dk gy, sft-frm, sb ang-sb blkly, arg mtx, v sl slty, calc cmt, grdg clyst, tr pyr

MD: 3,046'  
TVD: 3,031.12'  
Inclination: 8.87°  
Azimuth: 131.86°  
VS: 162.13'





90% SLTY SH: med gy-dk gy, sft, sb ang-sb rnd, arg mtx, v sl slty, sl calc cmt, grdg clyst, tr lt gy yel chk frags; 10% SHY SLTST: med gy-med dk gy brn, v sft, sb ang-sb blkly, v arg mtx, calc, grdg clyst

MW 9.7+ / VIS 59 IN  
MW 9.7+ / VIS 58 OUT

MD: 3,136'  
TVD: 3,120.03'  
Inclination: 9.02°  
Azimuth: 125.13°  
VS: 171.68'

Short Trip (11 stands) for  
Top Drive Repair, 3155' MD  
00:07 MDT on 07/30/2017  
Back on Bottom Drilling  
09:11 MDT on 07/30/2017

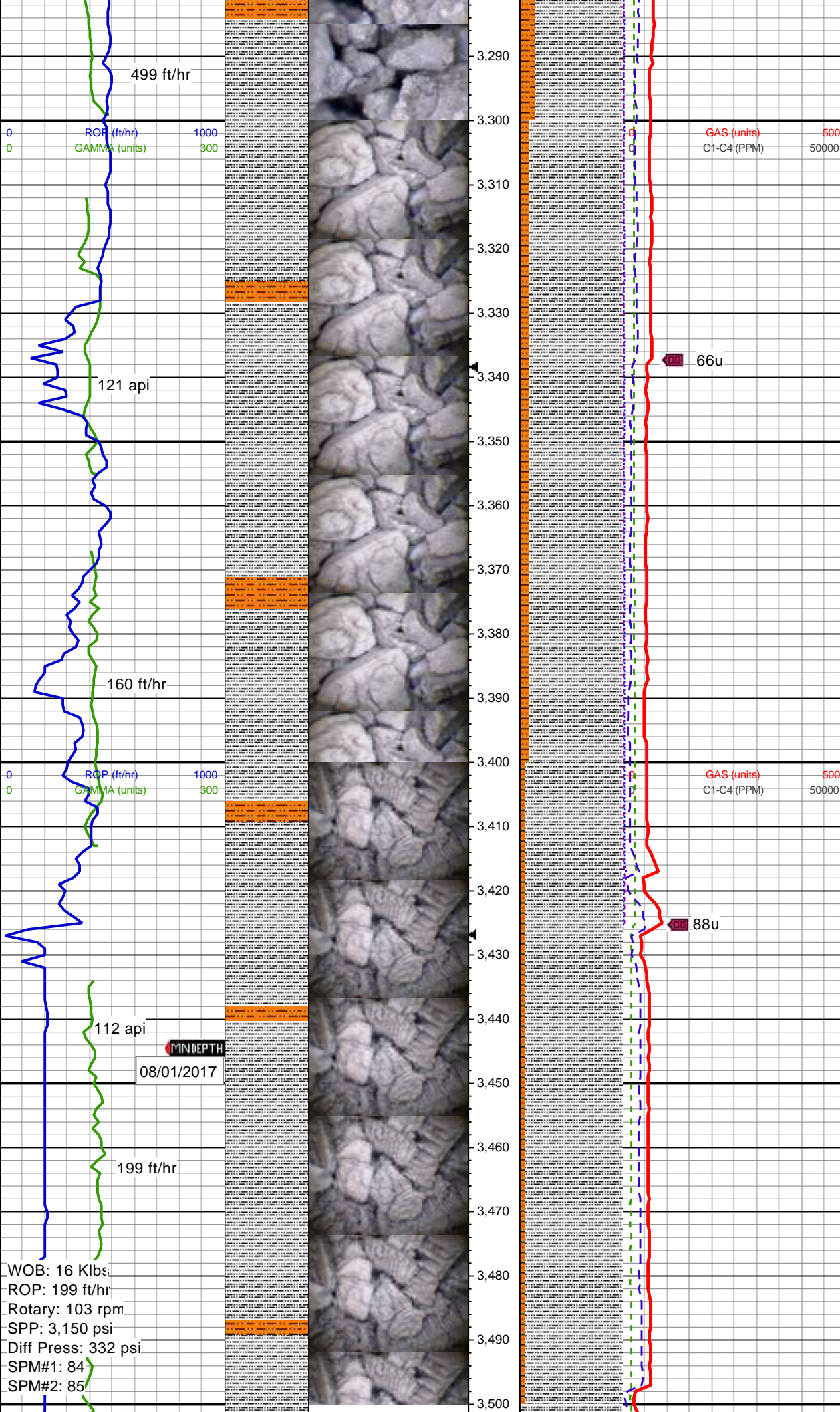
80% SLTY SH: med-drkgy, mod hd, sb blkly-ang, rthy, v arg mtx, sl calc cmt; 20% SHY SLTST: med-drkgy, gy/brn, sft-fri, sb blkly-sb ang, arg mtx, calc, grdg clyst

MW 10.0 / VIS 70 IN  
MW 9.9+ / VIS 70 OUT

MD: 3,225'  
TVD: 3,207.96'  
Inclination: 8.71°  
Azimuth: 118.79°  
VS: 179.87'

95% SLTY SH: med-drkgy, mod



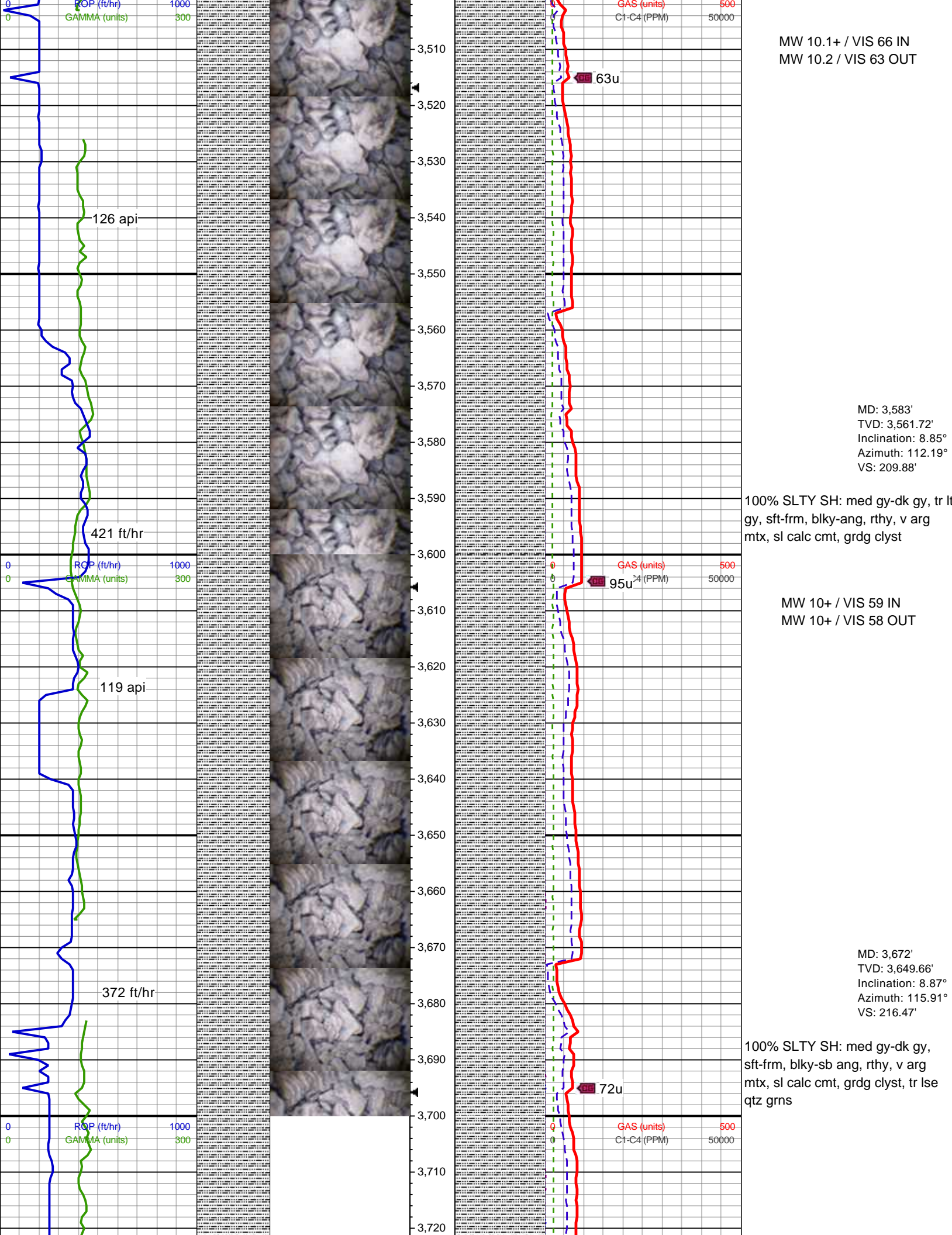


85% SLTY SH: med-drkgy, mod  
hd, ip fis, sb blk-ang, rthy, v arg  
mtx, sl calc cmt; 15% SHY SLTST:  
med-drkgy, gy/brn, sft-fri, sb  
blk-ang, arg mtx, calc, grdg  
clyst

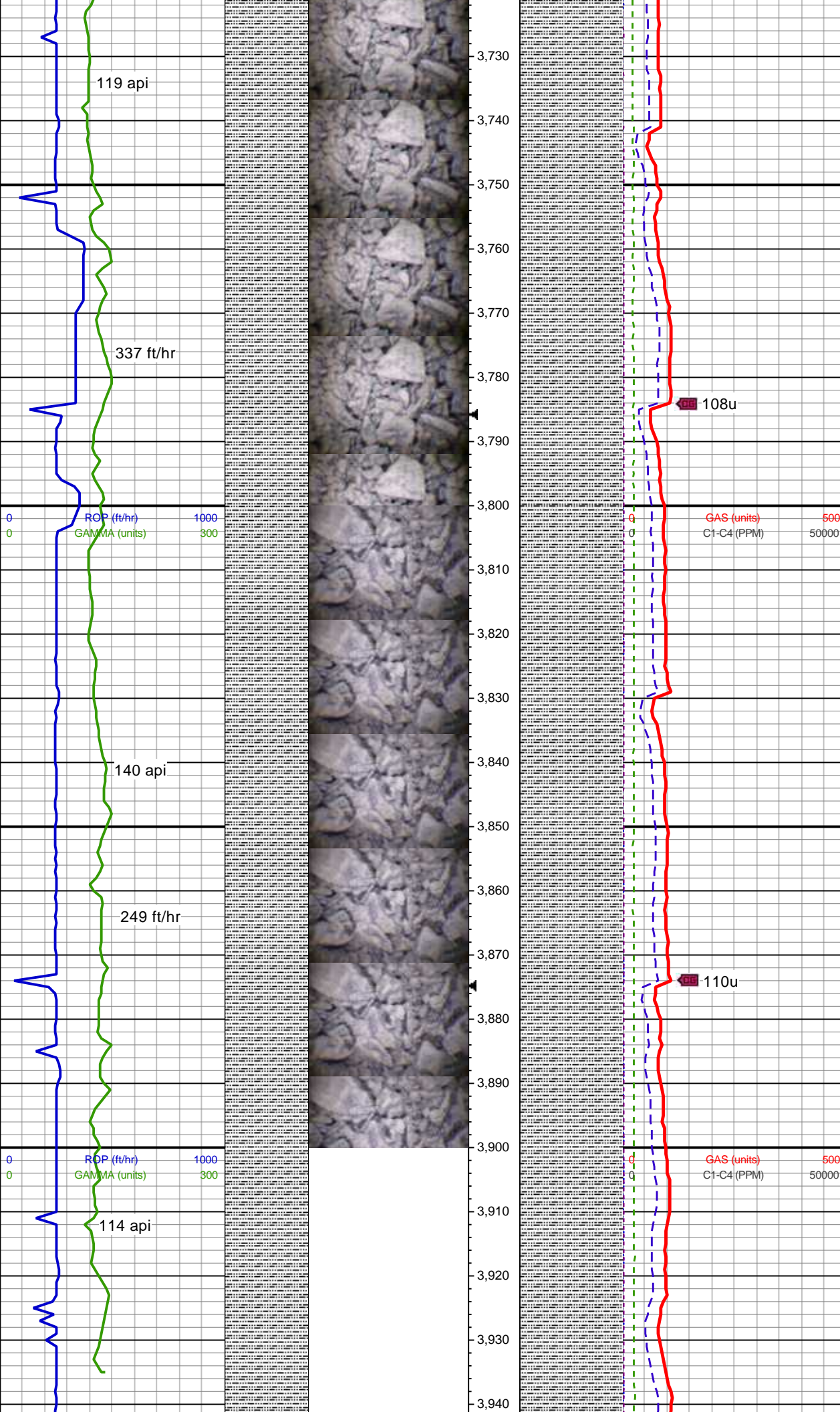
90% SLTY SH: med-drkgy, occ  
ltgy, mod hd, sb blk-ang, ip  
plty-fis, rthy, v arg mtx, sl calc cmt,  
ip grdg clyst; 10% SHY SLTST:  
med-drkgy, gy/brn, sft-fri, sb  
blk-ang, arg mtx, calc, ip grdg  
clyst

95% SLTY SH: lt-med gy, v  
sft-fri, sb blk-ang, rthy, v arg  
mtx, sl calc cmt, grdg clyst, tr lse  
qtz grns; 5% SHY SLTST: v dk  
gy-blk, frm, sb blk-ang, arg mtx,  
calc, ip grdg clyst, tr diss pyr









MD: 3,762'  
TVD: 3,738.61'  
Inclination: 8.66°  
Azimuth: 115.37°  
VS: 223.4'

MW 10 / VIS 58 IN  
MW 10 / VIS 56 OUT

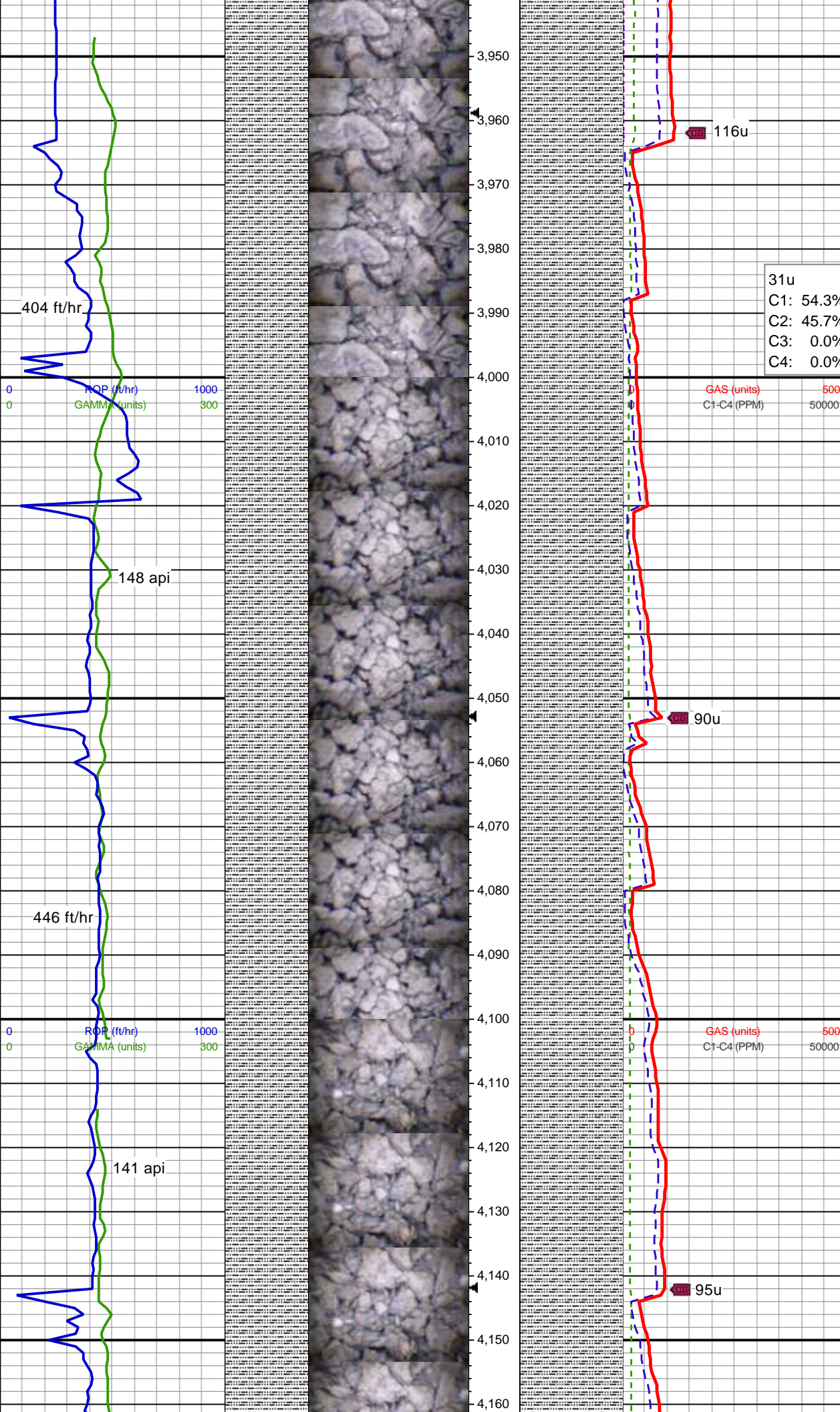
100% SLTY SH: med gy-dk brn  
gy, frm-hrd, blk-y-sb ang, rthy, v arg  
mtx, sl calc cmt, grdg clyst, tr lse  
qtz grns

MD: 3,852'  
TVD: 3,827.55'  
Inclination: 8.99°  
Azimuth: 115.62°  
VS: 230.35'

100% SLTY SH: med brn gy-dk  
brn gy, v frm-hrd, blk-y-ang, rthy, v  
arg mtx, sl calc cmt, grdg clyst, tr  
lse qtz grns, tr bent frags

MD: 3,941'  
TVD: 3,915.48'  
Inclination: 8.79°  
Azimuth: 117.00°  
VS: 230.35'





Azimuth: 117.09  
VS: 237.44'

TOOH to inspect BHA, 3963' MD  
02:54 MDT on 08/01/2017  
Back on Bottom Drilling  
11:02 MDT on 08/01/2017

31u  
C1: 54.3%  
C2: 45.7%  
C3: 0.0%  
C4: 0.0%

100% SLTY SH: med gy-dk gy, sl  
sft frm, blk-ang, mnr rnd, rthy, v  
arg mtx, sl calc cmt, grdg clyst

TOOH for Auto Track, 3996' MD  
11:10 MDT on 08/01/2017  
Back on Bottom Drilling  
18:32 MDT on 08/01/2017

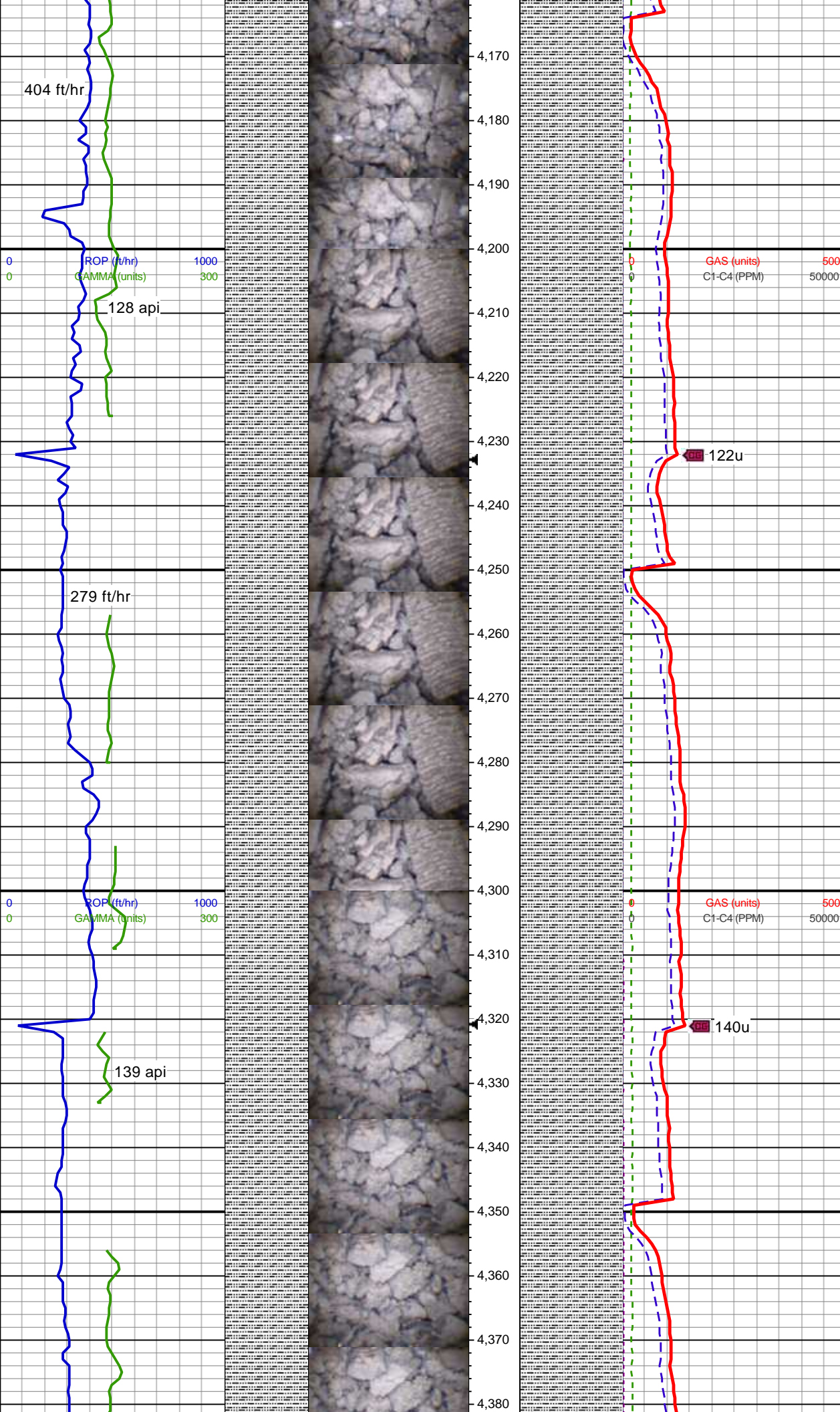
MD: 4,031'  
TVD: 4,004.88'  
Inclination: 4.12°  
Azimuth: 127.12°  
VS: 243.23'

MW 10 / VIS 63 IN  
MW 10 / VIS 58 OUT

100% SLTY SH: med gy-dk gy, sl  
sft frm, blk-ang, com rnd, rthy, v  
arg mtx, sl calc cmt, grdg clyst, tr  
pyr xls

MD: 4,120'  
TVD: 4,093.65'  
Inclination: 4.27°  
Azimuth: 153.95°  
VS: 248.45'





100% SLTY SH: med gy-dk gy, sft frm, blk-ang, com rnd, rthy, v arg mtx, sl calc cmt, grdg clyst, tr lse qtz grns

MD: 4,210'  
TVD: 4,183.34'  
Inclination: 5.48°  
Azimuth: 185.03°  
VS: 255.8'

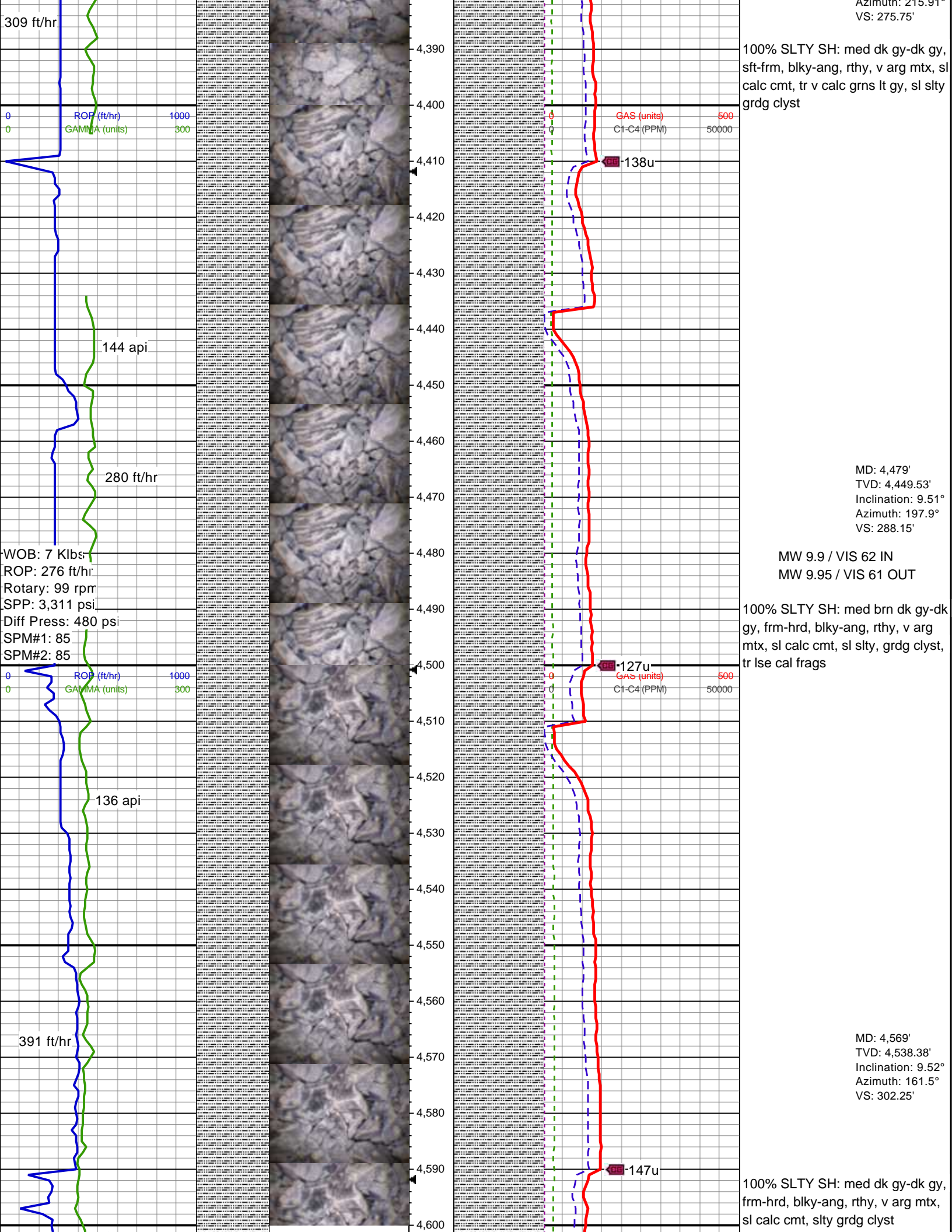
MW 9.95 / VIS 61 IN  
MW 10 / VIS 63 OUT

100% SLTY SH: med dk gy-dk gy, sft frm, blk-ang, com rnd, rthy, v arg mtx, sl calc cmt, tr v calc grns lt gy, grdg clyst

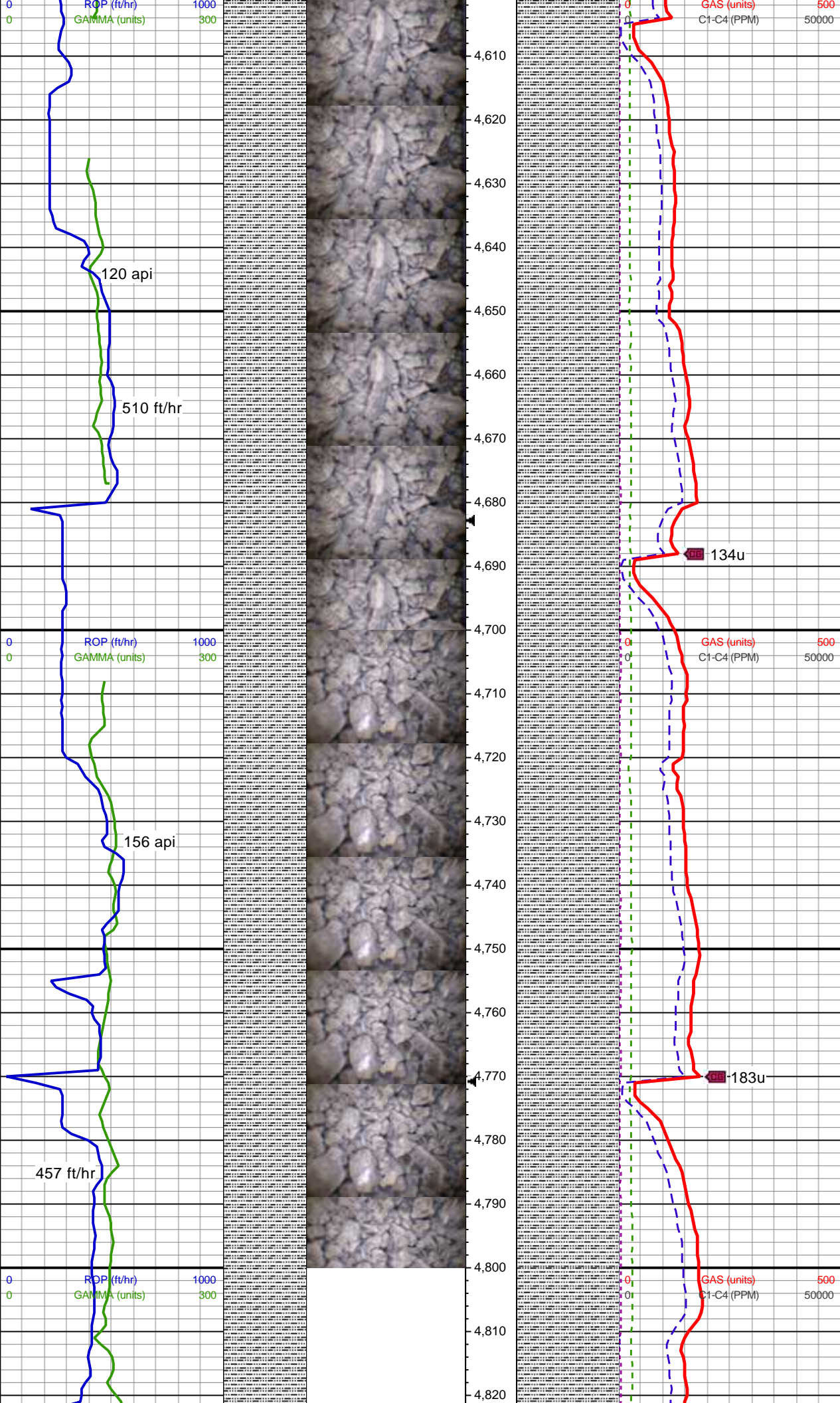
MD: 4,300'  
TVD: 4,272.76'  
Inclination: 7.67°  
Azimuth: 208.66°  
VS: 265.06'

MD: 4,390'  
TVD: 4,361.74'  
Inclination: 9.56°  
Azimuth: 215.21°









MD: 4,659'  
TVD: 4,627.24'  
Inclination: 9.43°  
Azimuth: 122.43°  
VS: 313.94'

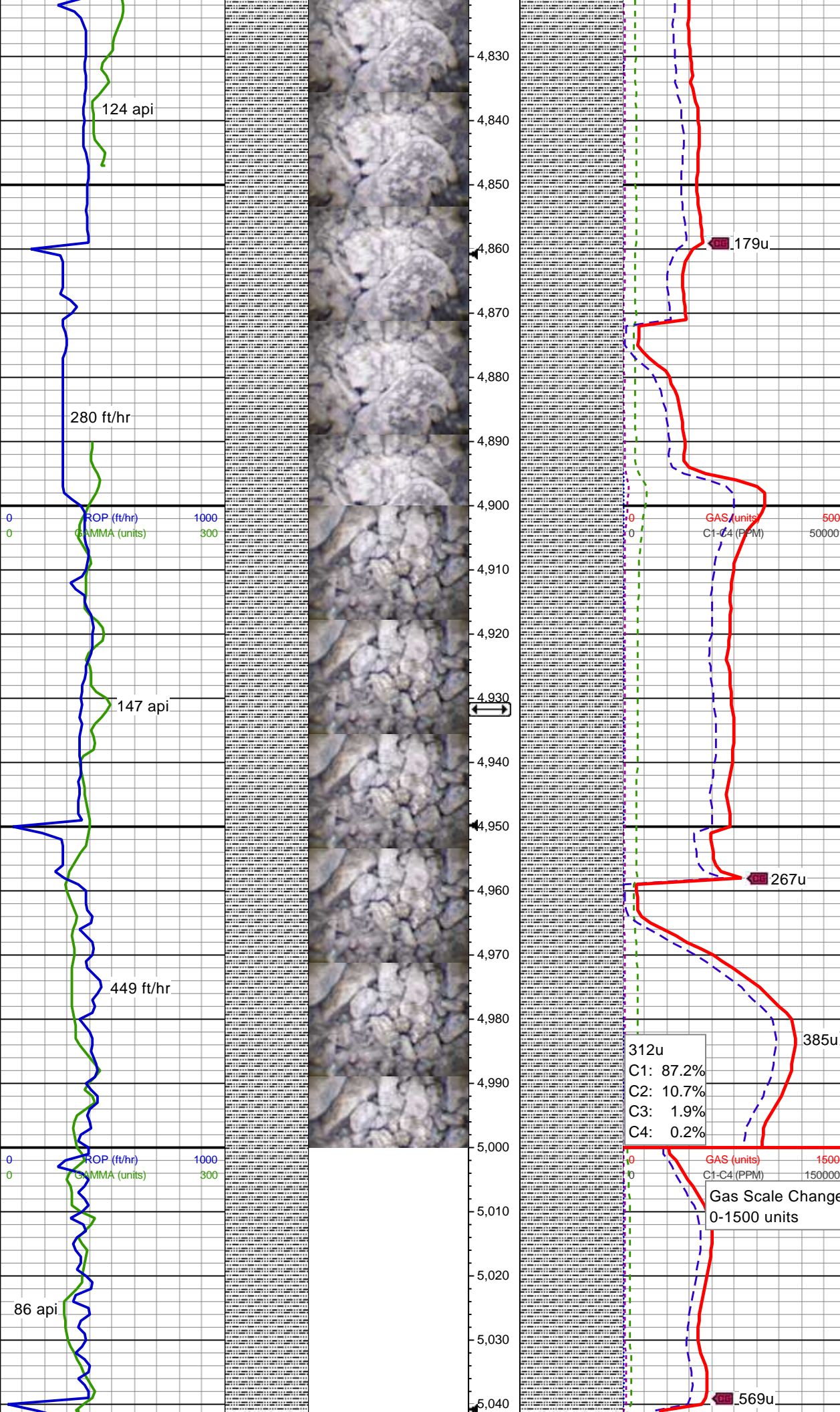
100% SLTY SH: med dk gy-dk gy,  
frm-hrd, blk-ang, rthy, v arg mtx,  
sl calc cmt, slty grdg clyst

MW 10.0 / VIS 63 IN  
MW 9.9 / VIS 62 OUT

MD: 4,749'  
TVD: 4,716.07'  
Inclination: 9.12°  
Azimuth: 110.7°  
VS: 321.46'

100% SLTY SH: med lt gy-dk gy,  
frm-sl hrd, blk-ang, rthy, v arg  
mtx, sl calc cmt, slty grdg clyst, tr  
chk frags





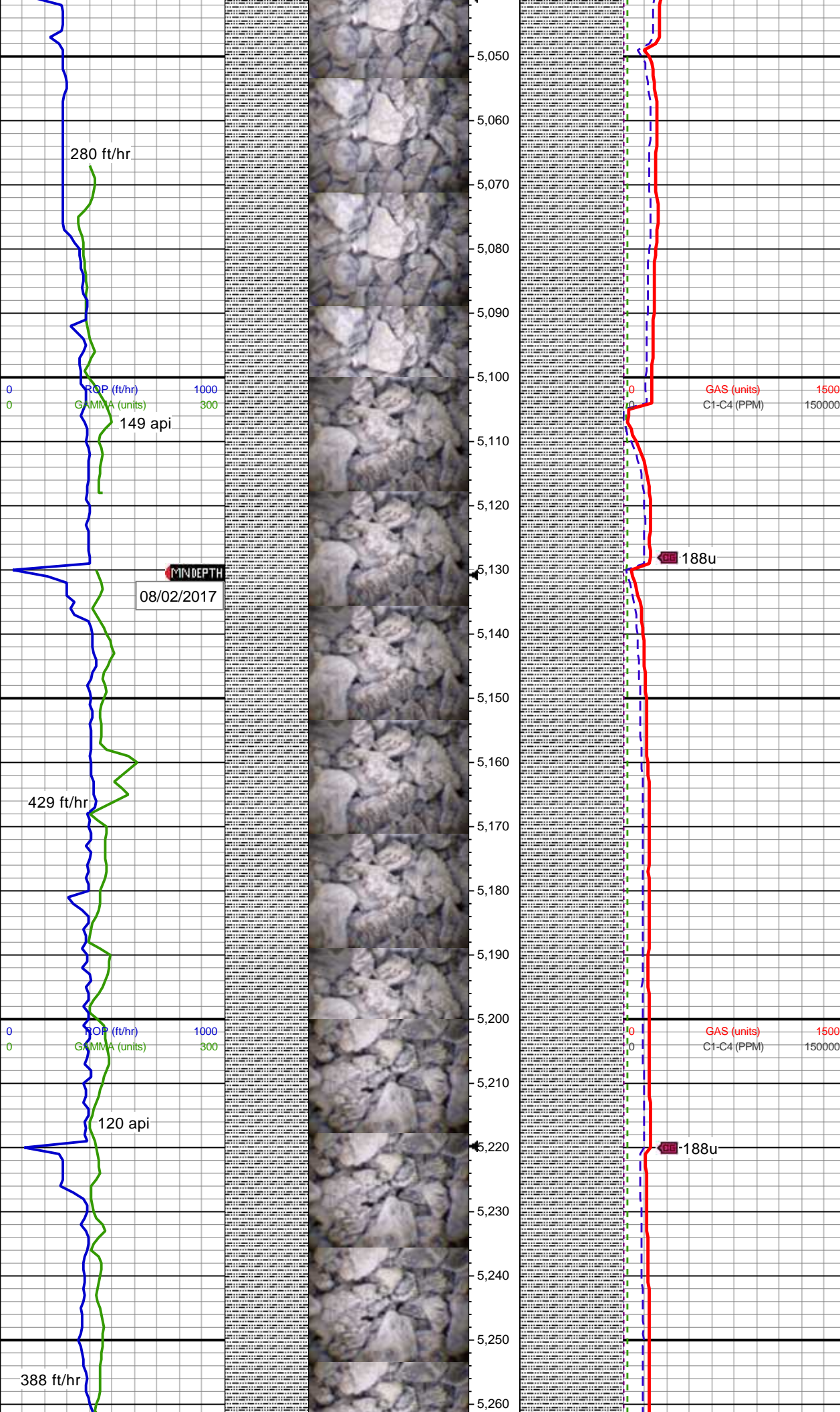
MD: 4,840'  
TVD: 4,805.86'  
Inclination: 9.68°  
Azimuth: 126.99°  
VS: 329.64'

MD: 4,929'  
TVD: 4,893.51'  
Inclination: 10.31°  
Azimuth: 128.66°  
VS: 340.09'

MW 10.0 / VIS 62 IN  
MW 10.0 / VIS 63 OUT

MD: 5,018'  
TVD: 4,981.05'  
Inclination: 10.48°  
Azimuth: 120.98°  
VS: 350.28'





100% SLTY SH: med gy-med dk  
gy, frm, blk-y-sb rnd, tr fis, rthy, arg  
mtx, mod calc cmt, mod-v slty  
grdg sdy

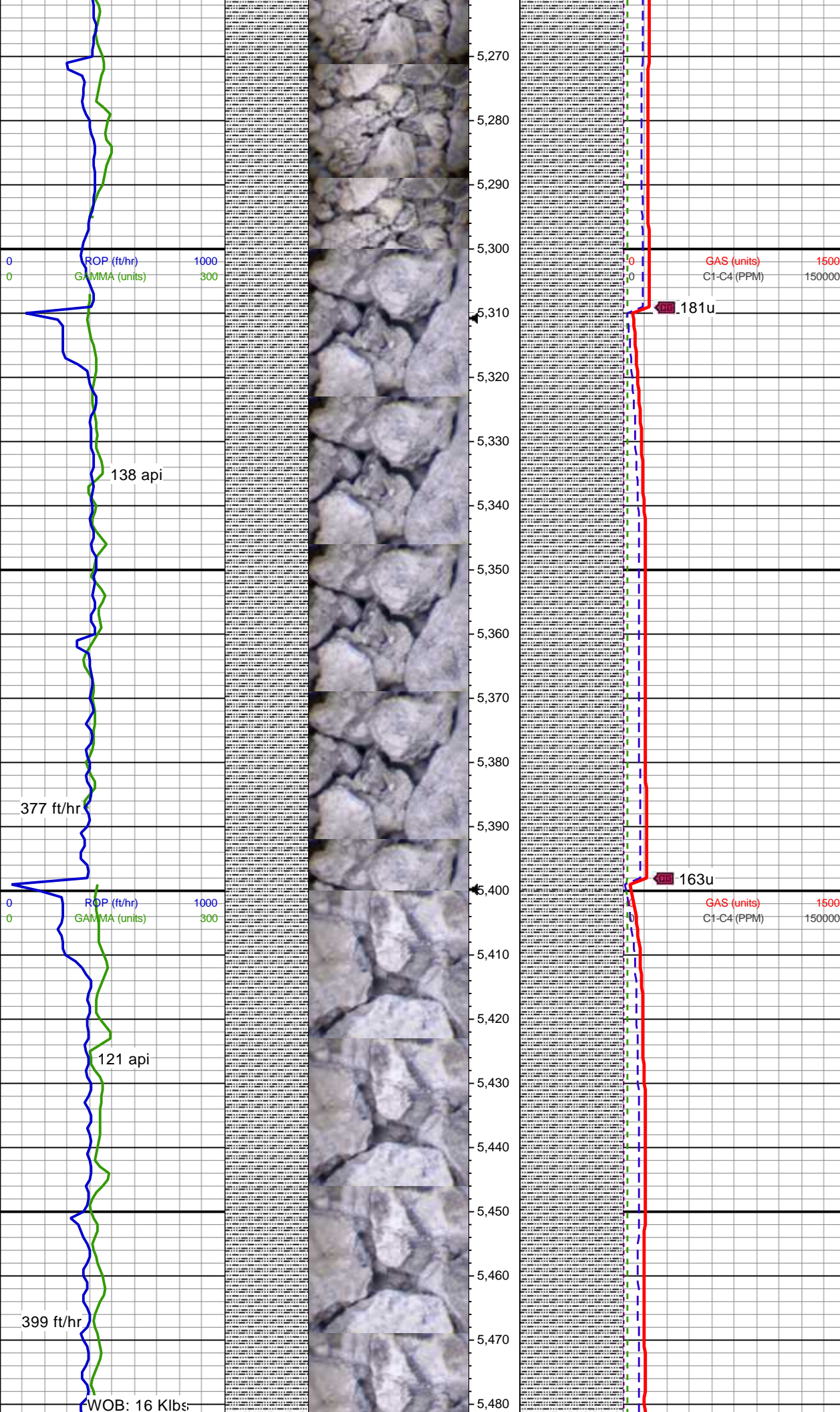
MD: 5,108'  
TVD: 5,069.5'  
Inclination: 10.85°  
Azimuth: 115.44°  
VS: 359.31'

MW 10.0 / VIS 60 IN  
MW 10.0 / VIS 62 OUT

100% SLTY SH: med gy-med dk  
gy, frm-hrd, blk-y-sb rnd, mod com  
ang, rthy, arg mtx, mod calc cmt,  
mod-v slty

MD: 5,197'  
TVD: 5,156.92'  
Inclination: 10.78°  
Azimuth: 115.99°  
VS: 367.77'





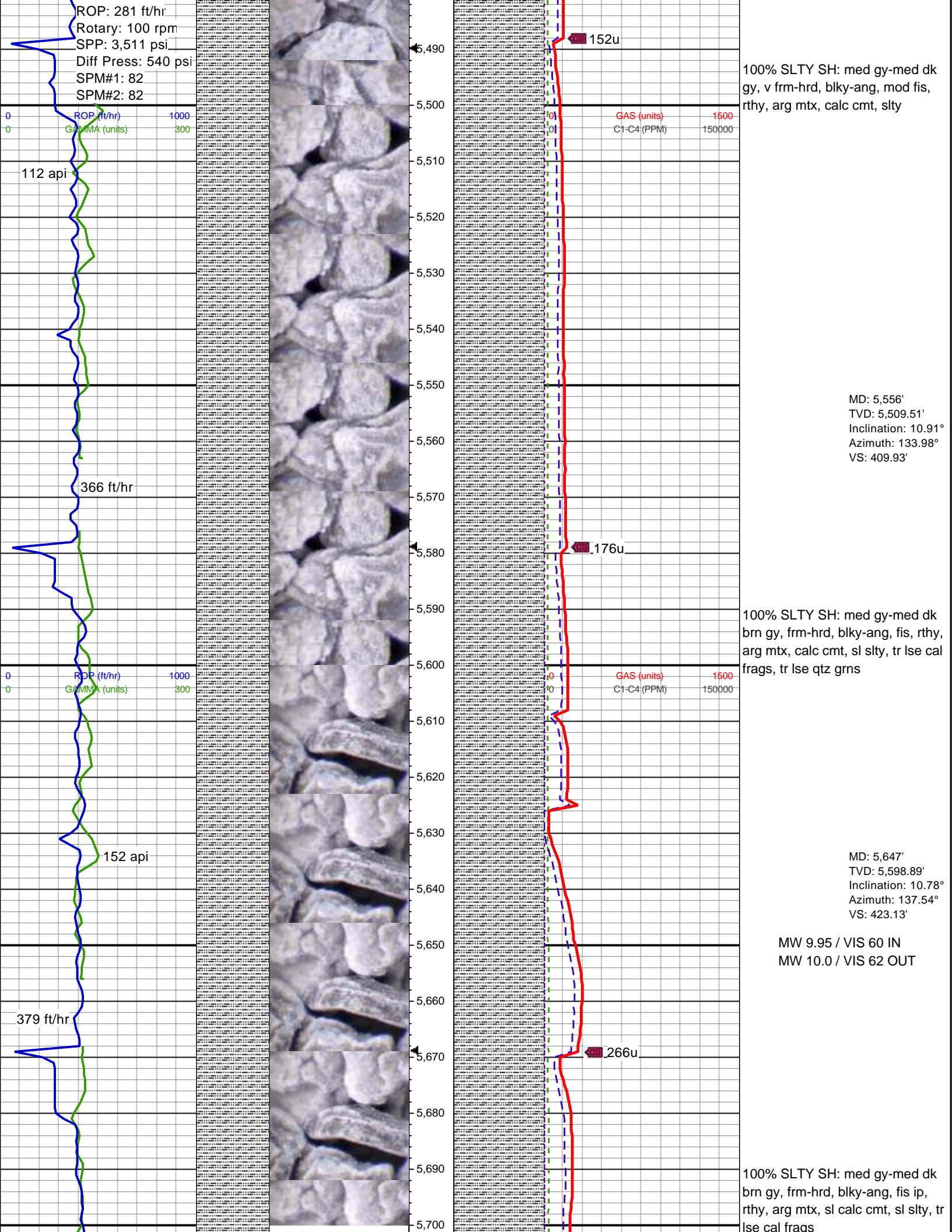
100% SLTY SH: med dk gy-dk gy, frm-hrd, blk-y-ang, rthy, arg mtx, sl calc cmt, mod-v slty, rr-mnr bent

MW 9.95 / VIS 63 IN  
MW 10.0 / VIS 60 OUT

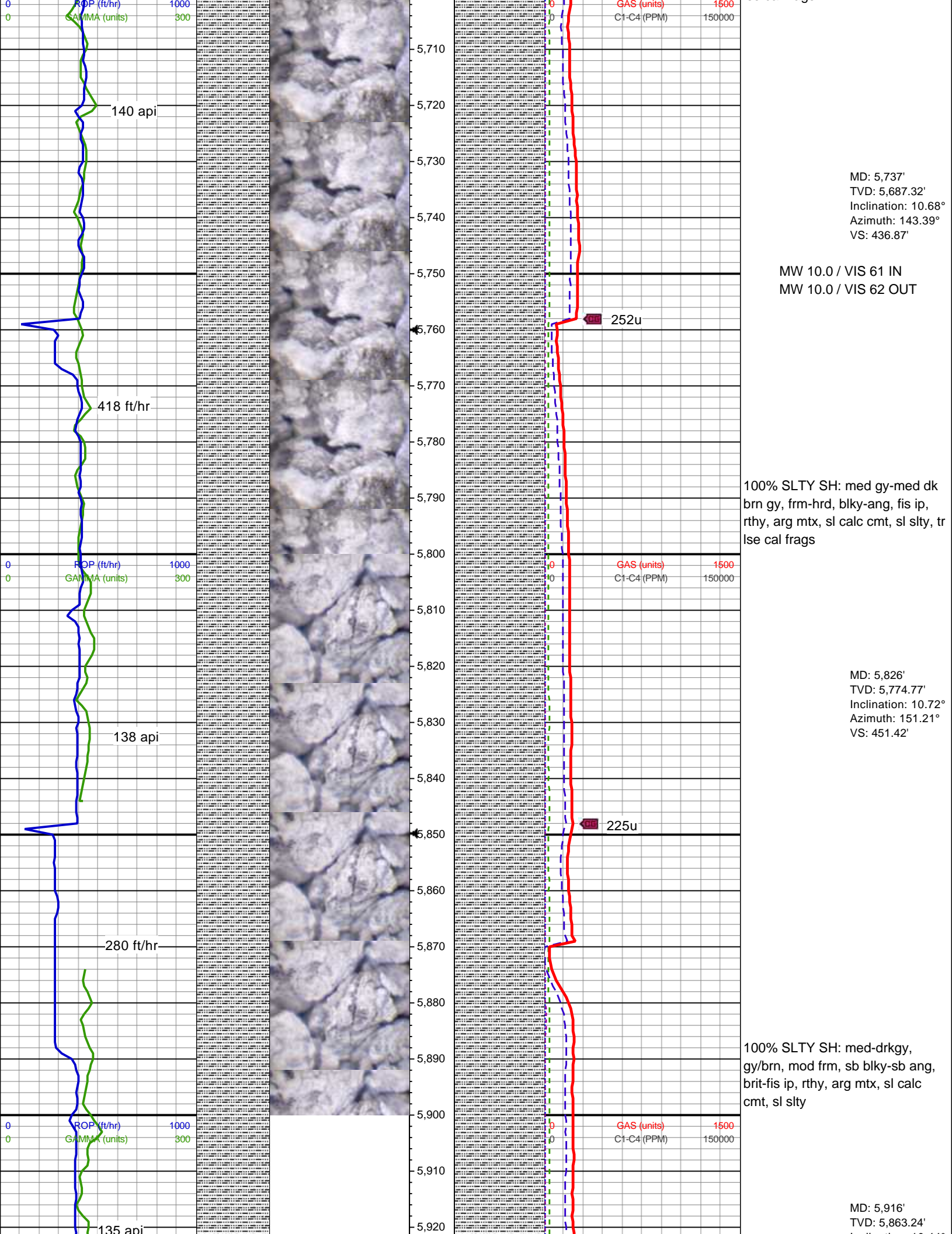
100% SLTY SH: med gy-med dk gy, v frm-hrd, blk-y-ang, fis ip, rthy, arg mtx, mod calc cmt, mod-v slty grdg sdy

MW 9.95 / VIS 60 IN  
MW 9.95 / VIS 63 OUT











Well log plot for well 222u, showing depth (ft) on the vertical axis (5,930 to 6,140 ft) and various parameters on the horizontal axis.

Parameters plotted on the left side (ROP, ft/hr; GAMMA, units):

- ROP (ft/hr): 419 ft/hr (at 5,970 ft), 398 ft/hr (at 6,070 ft)
- GAMMA (units): 127 api (at 6,020 ft), 122 api (at 6,120 ft)

Parameters plotted on the right side (GAS, units; C1-C4, PPM):

- GAS (units): 222u (at 5,930 ft), 244u (at 6,030 ft), 281u (at 6,120 ft)
- C1-C4 (PPM): C1: 75.7%, C2: 16.6%, C3: 4.5%, C4: 3.2%

The plot also includes a central column of rock core images and a summary box on the right side.

Well log plot for well 222u, showing depth (ft) on the vertical axis (5,930 to 6,140) and various parameters on the horizontal axis.

Parameters plotted on the left side (ROP, ft/hr; GAMMA, units):

- ROP (ft/hr): 419 ft/hr, 398 ft/hr
- GAMMA (units): 300
- API: 127 api, 122 api

Parameters plotted on the right side (GAS, units; C1-C4, PPM):

- GAS (units): 222u, 244u, 281u
- C1-C4 (PPM): 150000

Summary of gas composition (C1-C4, PPM):

- C1: 75.7%
- C2: 16.6%
- C3: 4.5%
- C4: 3.2%

Well log plot for well 222u, showing depth (ft) on the vertical axis (5,930 to 6,140 ft) and various parameters on the horizontal axis.

**Left Hand Track (LHT) Parameters:**

- ROP (ft/hr): 419 ft/hr, 398 ft/hr
- GAMMA (units): 300
- API: 127 api, 122 api

**Right Hand Track (RHT) Parameters:**

- GAS (units): 1500
- C1-C4 (PPM): 150000

**Summary Data (Right Hand Track):**

- 255u
- C1: 75.7%
- C2: 16.6%
- C3: 4.5%
- C4: 3.2%

Well log plot for well 222u, showing depth (ft) on the vertical axis (5,930 to 6,140) and various parameters on the horizontal axis.

Parameters plotted on the left side (ROP, ft/hr; GAMMA, units):

- ROP (ft/hr): 419 ft/hr, 398 ft/hr
- GAMMA (units): 300

Parameters plotted on the right side (GAS, units; C1-C4, PPM):

- GAS (units): 222u, 244u, 281u
- C1-C4 (PPM): 150000

Summary of gas composition (C1-C4, PPM):

- C1: 75.7%
- C2: 16.6%
- C3: 4.5%
- C4: 3.2%

API values (127, 122) are also indicated on the left side of the plot.

Well log plot for well 222u, showing depth (ft) on the vertical axis (5,930 to 6,140) and various parameters on the horizontal axis.

Parameters plotted on the left side (ROP, ft/hr; GAMMA, units):

- ROP (ft/hr): 419 ft/hr, 398 ft/hr
- GAMMA (units): 300

Parameters plotted on the right side (GAS, units; C1-C4, PPM):

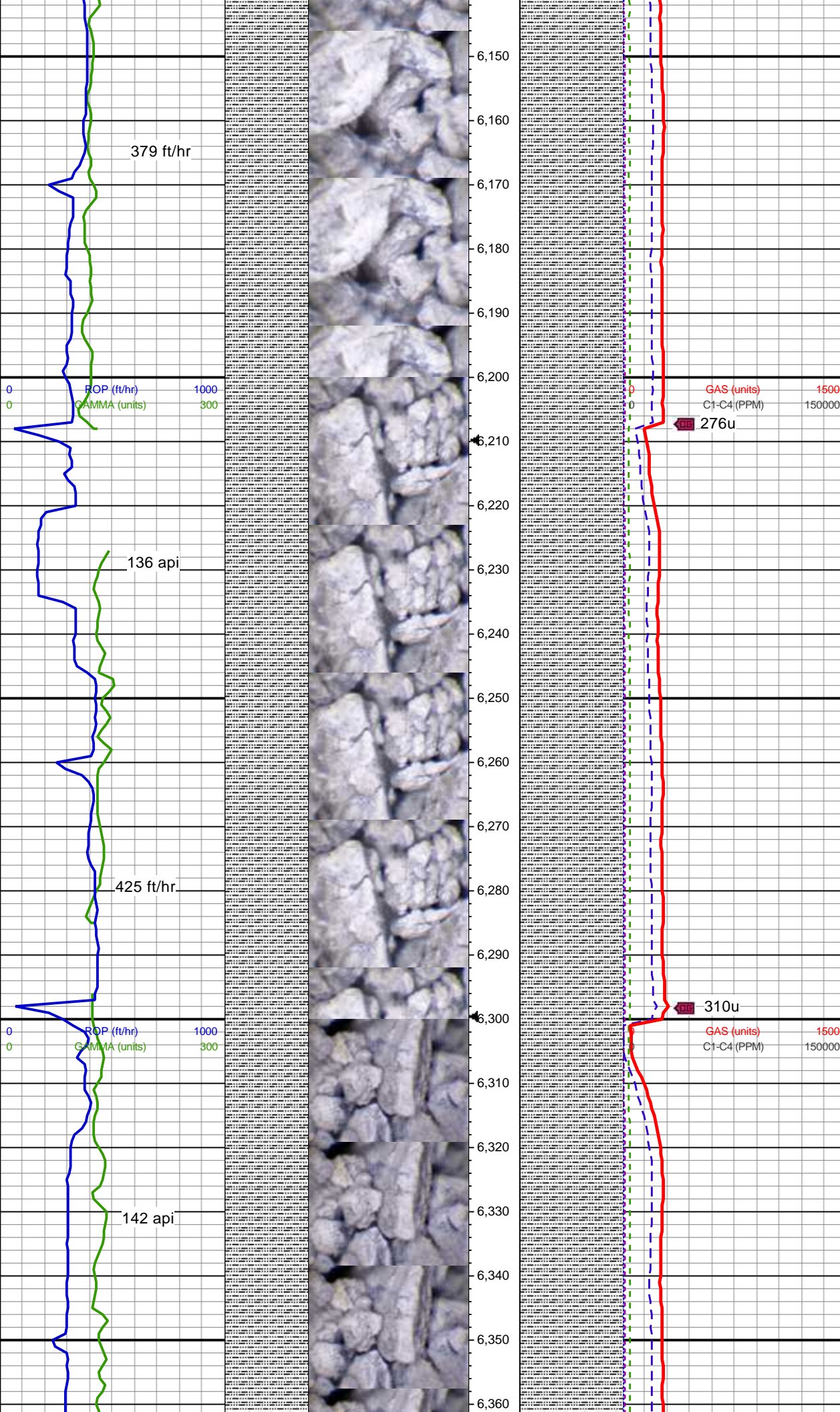
- GAS (units): 222u, 244u, 281u
- C1-C4 (PPM): 150000

Summary of gas composition (C1-C4, PPM):

- C1: 75.7%
- C2: 16.6%
- C3: 4.5%
- C4: 3.2%

API values (127, 122) are also indicated on the left side of the plot.





MD: 6,186'  
TVD: 6,128.79'  
Inclination: 10.53°  
Azimuth: 159.94°  
VS: 512.58'

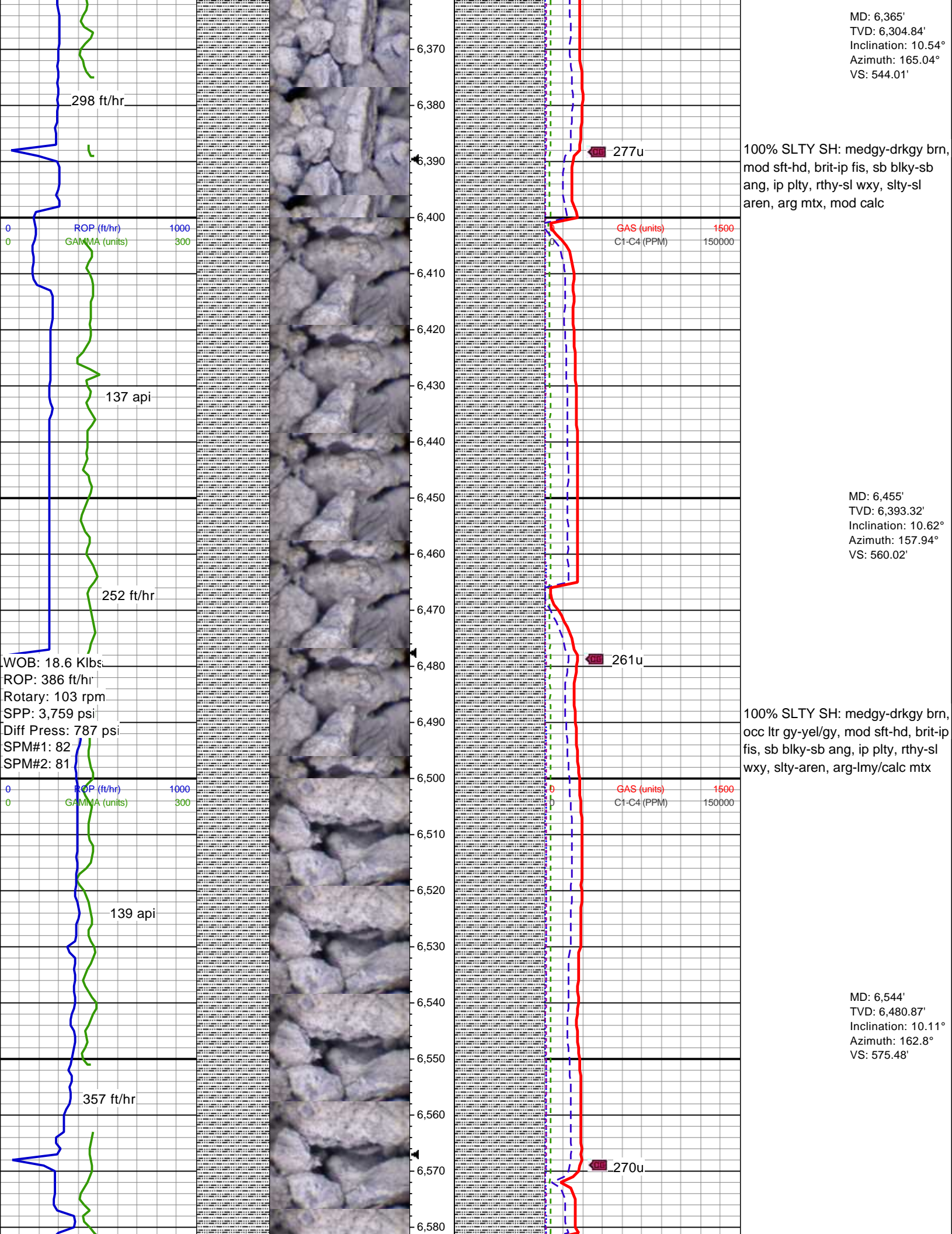
100% SLTY SH: medgy-drkgy brn,  
mod sft-hd, brit-ip fis, sb blk-y-sb  
ang, rthy-sl wxy, slty-sl aren, arg  
mtx, sl calc

MD: 6,276'  
TVD: 6,217.31'  
Inclination: 10.28°  
Azimuth: 161.03°  
VS: 528.3'

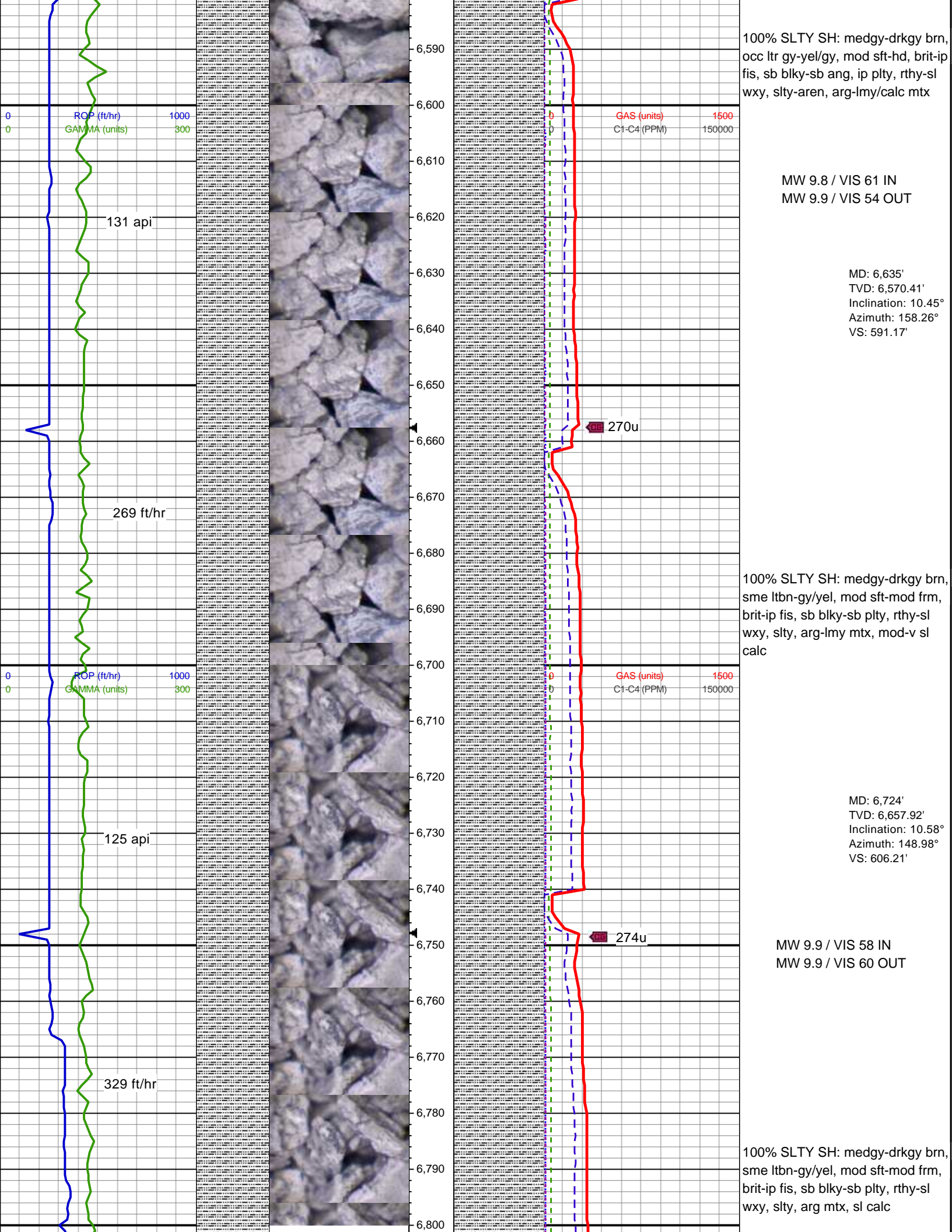
100% SLTY SH: medgy-drkgy brn,  
mod sft-hd, brit-ip fis, sb blk-y-sb  
ang, ip plty, rthy-sl wxy, slty-sl  
aren, arg mtx, mod calc

MW 9.9 / VIS 61 IN  
MW 9.9 / VIS 57 OUT

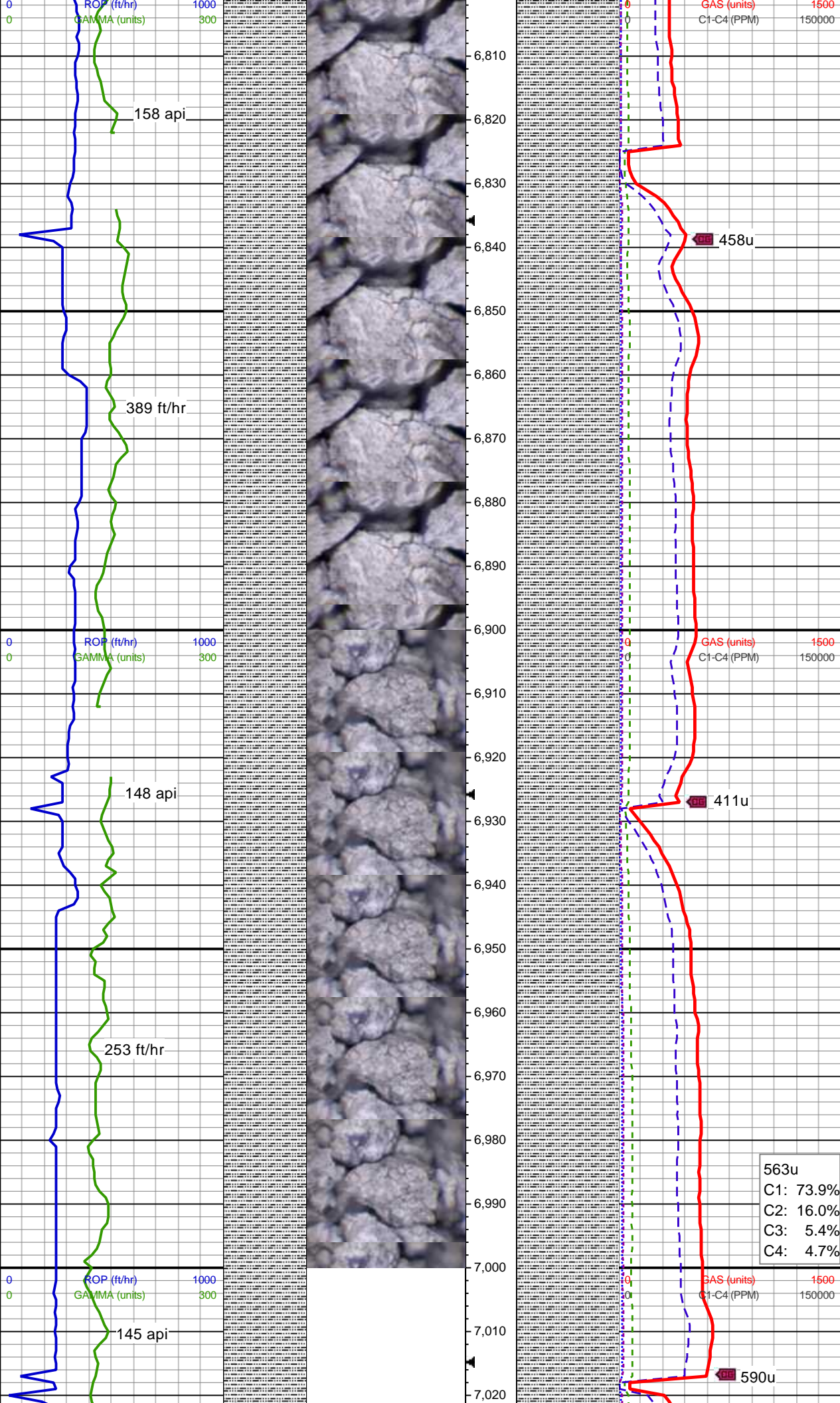












MD: 6,813'  
TVD: 6,745.42'  
Inclination: 10.46°  
Azimuth: 144.34°  
VS: 620.46'

100% SLTY SH: medgy-drkgy,  
mod sft-frm, brit-occ fis, sb  
blky-sb plty-ip ang, rthy-sl wxy,  
slty, arg mtx, v sl calc

MD: 6,902'  
TVD: 6,832.97'  
Inclination: 10.33°  
Azimuth: 152.44°  
VS: 634.74'

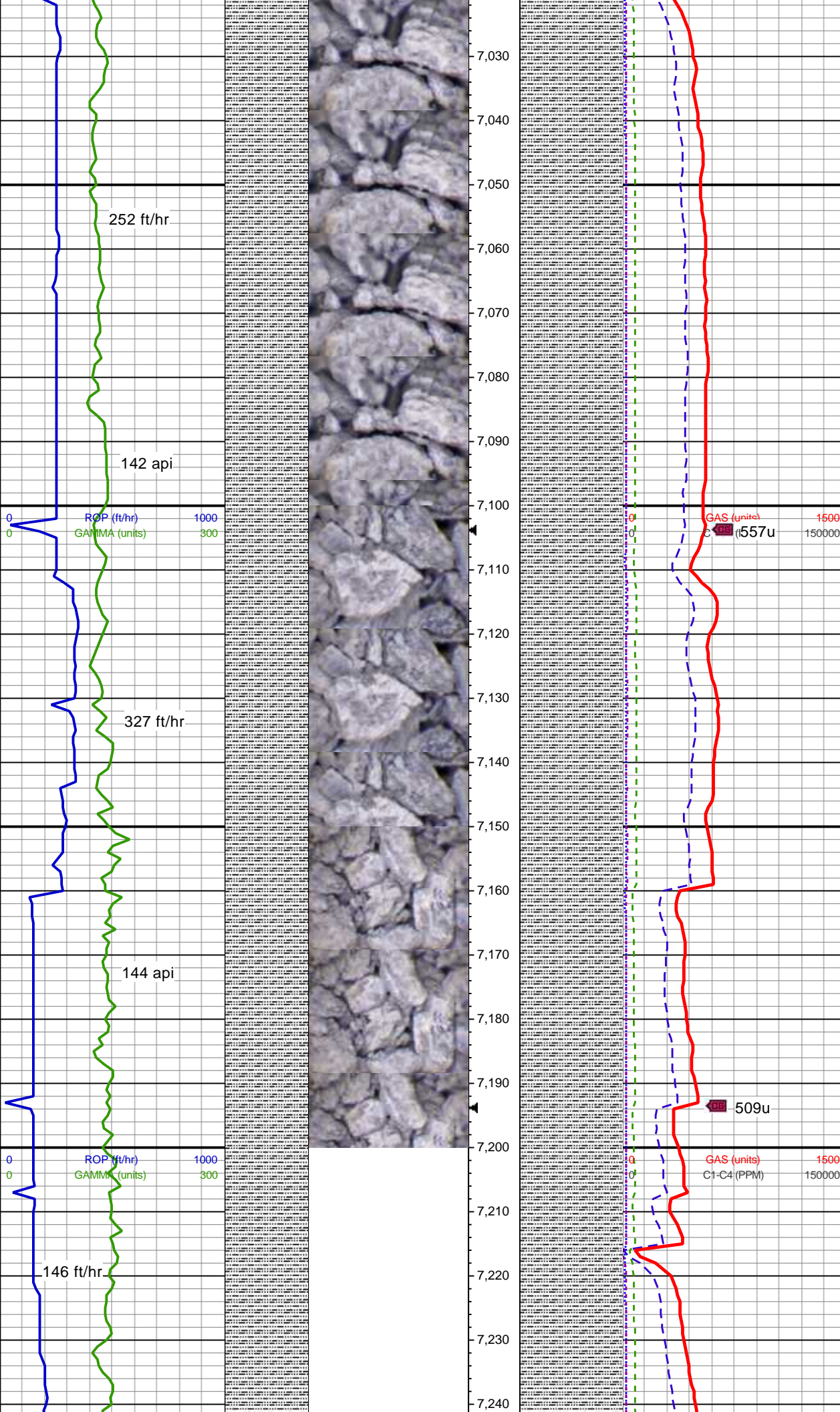
MW 10 / VIS 54 IN  
MW 9.9 / VIS 53 OUT

MD: 6,991'  
TVD: 6,920.5'  
Inclination: 10.55°  
Azimuth: 149.68°  
VS: 649.45'

100% SLTY SH: medgy-drkgy,  
mod sft-frm, brit-occ fis, sb  
blky-sb plty-ip ang, rthy-sl wxy,  
slty, arg mtx, v sl calc

563u  
C1: 73.9%  
C2: 16.0%  
C3: 5.4%  
C4: 4.7%





MD: 7,081'  
TVD: 7,008.97'  
Inclination: 10.63°  
Azimuth: 141.18°  
VS: 663.75'

100% SLTY SH: med-drkgy,  
gy/brn, mod sft-hd, ip fis-plty, sb  
blky-ip ang, rthy-slty, arg mtx,  
sl-non calc

MW 10.1 / VIS 53 IN  
MW 10 / VIS 49 OUT

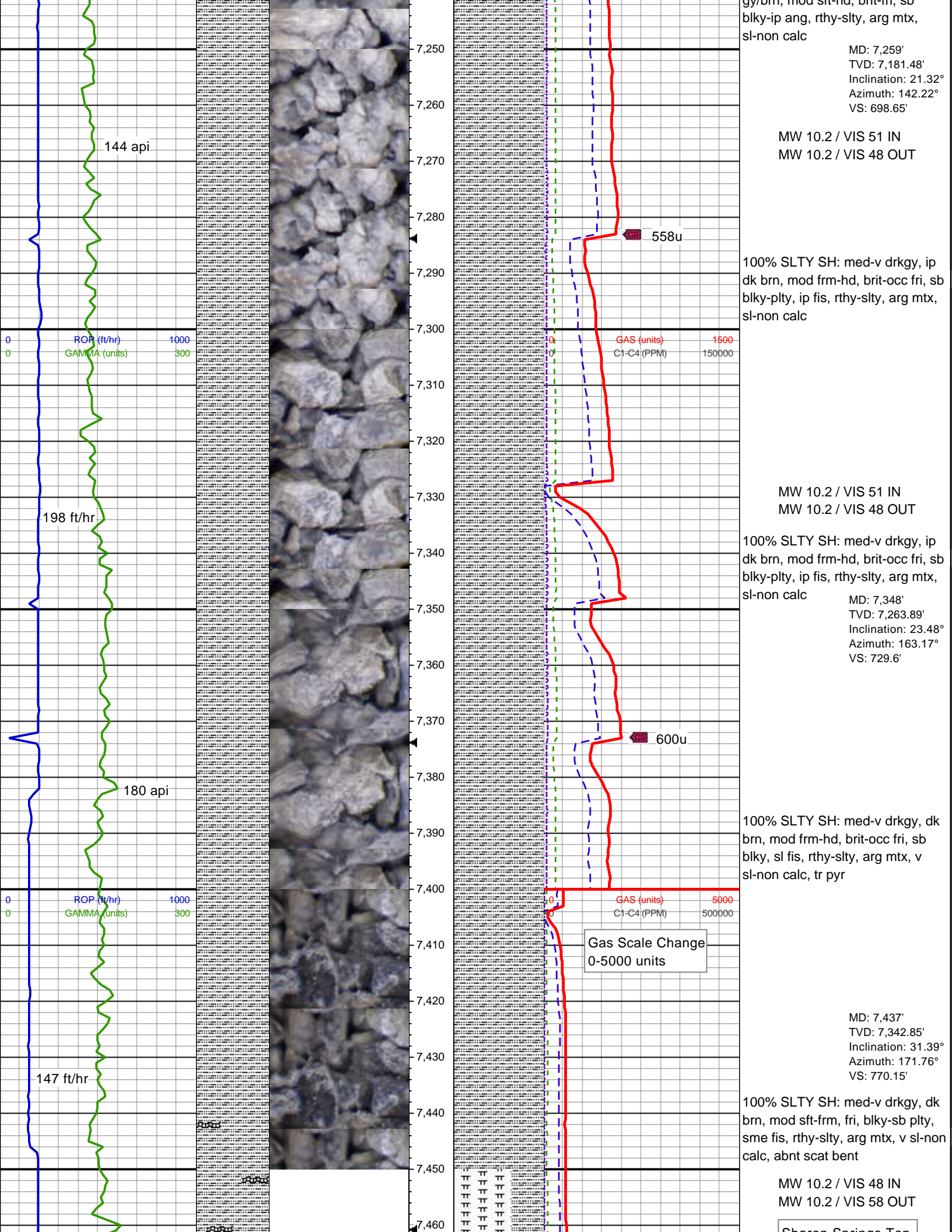
KOP @ 7160' MD, 10:48 MDT,  
08/02/2017  
Begin 50' Sample Collection

MD: 7,170'  
TVD: 7,096.27'  
Inclination: 11.81°  
Azimuth: 138.03°  
VS: 677.8'

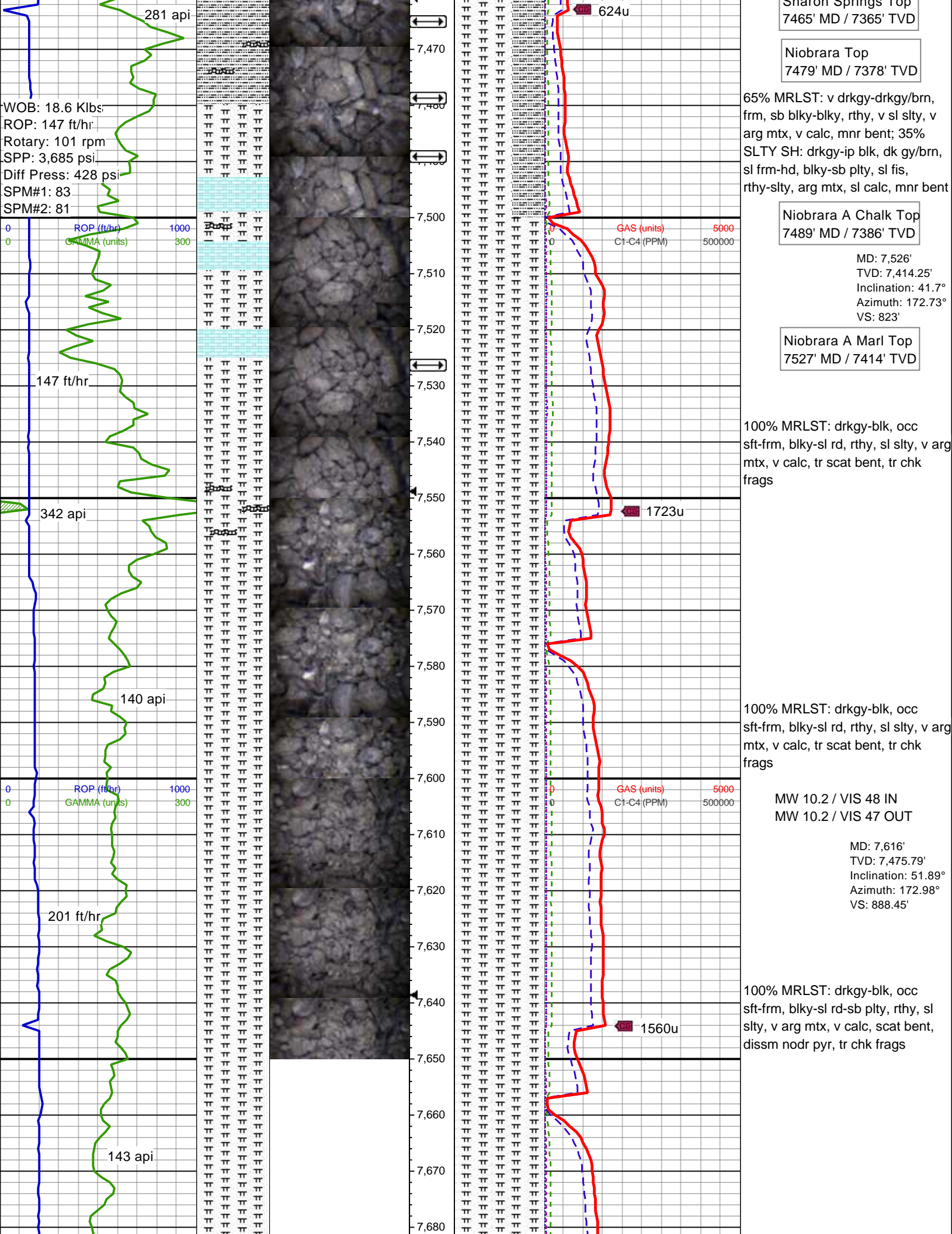
100% SLTY SH: med-drkgy,  
gy/brn, mod sft-hd, brit-fri, sb  
blky-ip ang, rthy-slty, arg mtx,  
sl-non calc

100% SLTY SH: med-drkgy,  
gy/brn, mod sft-hd, brit-fri, sb

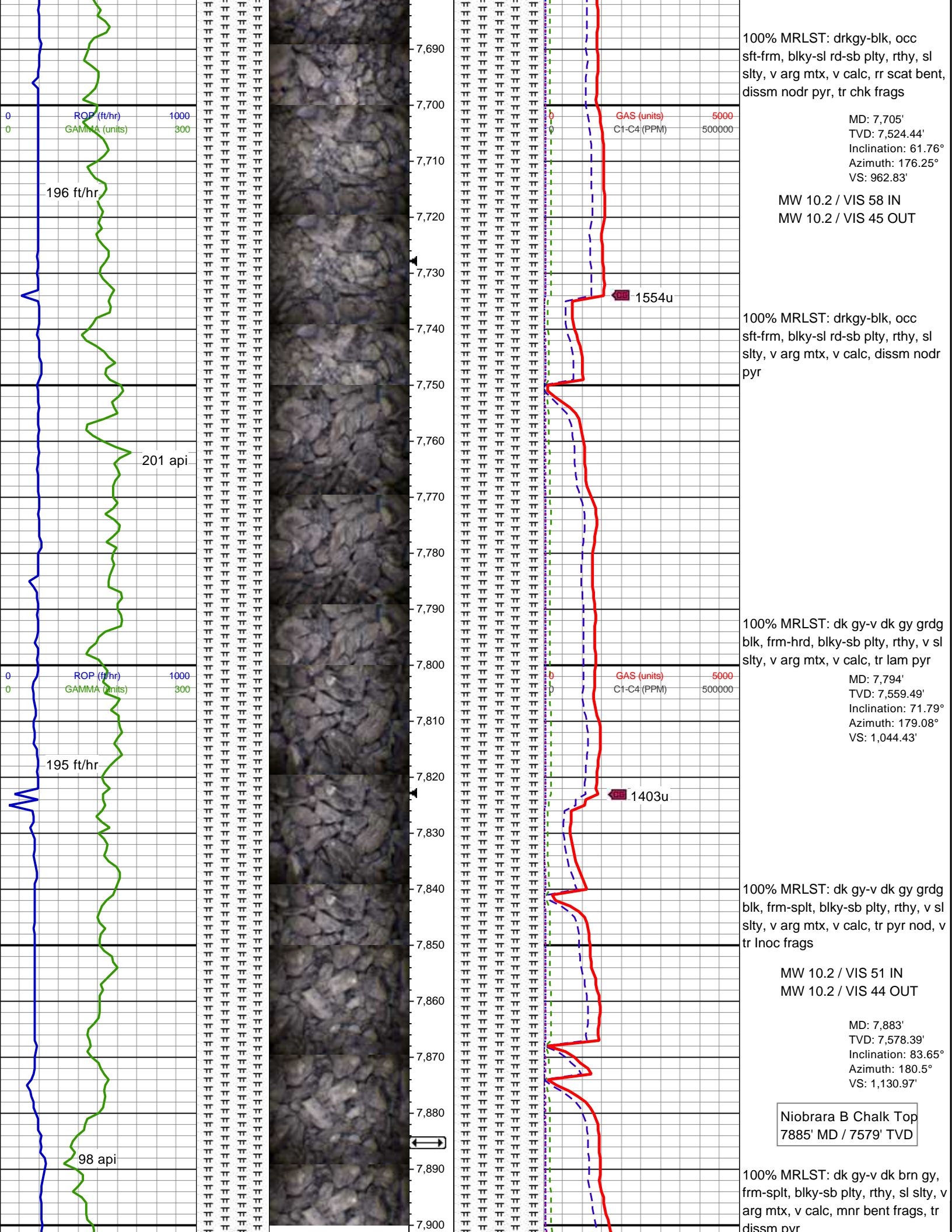




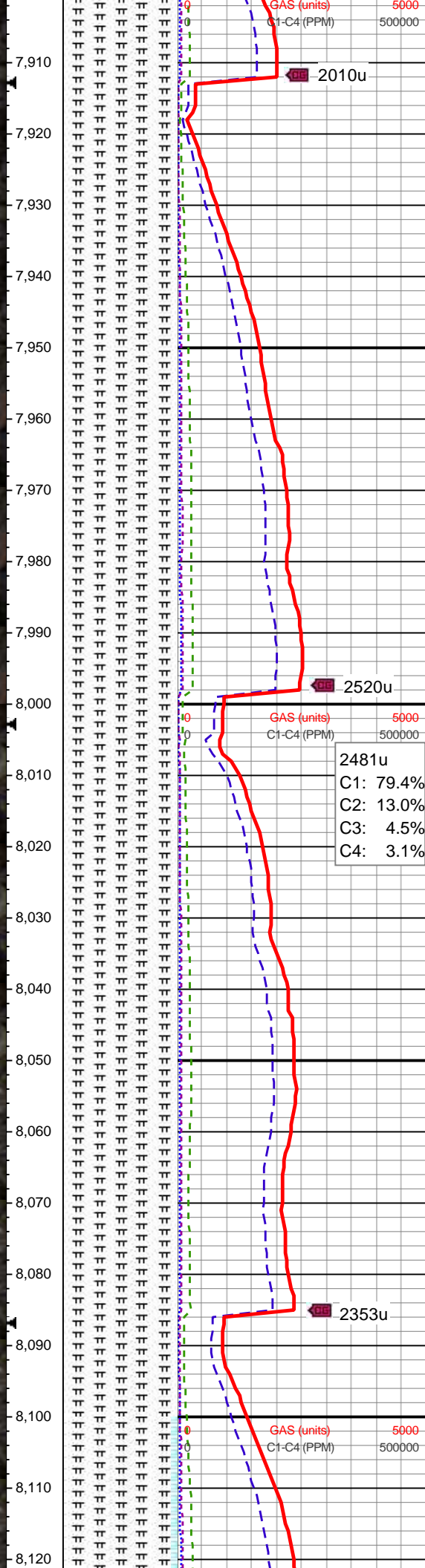
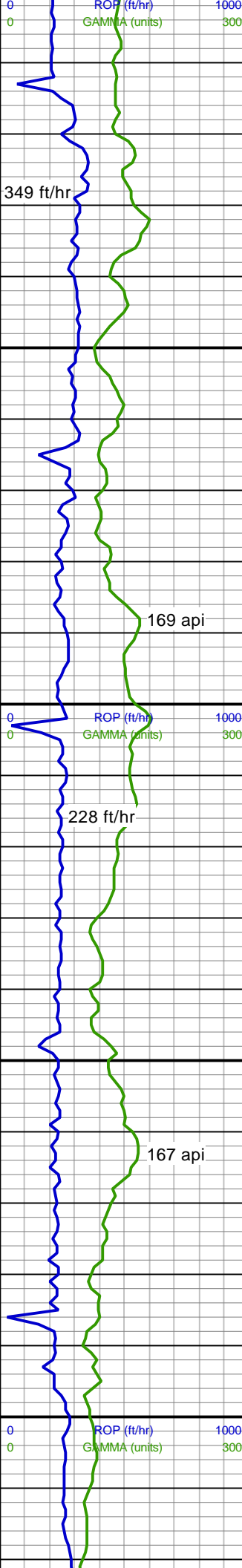












MW 10.2 / VIS 53 IN  
MW 10.2 / VIS 51 OUT

100% MRLST: dk gy-v dk brn gy, frm-splt, blk-pty-ang, rthy, sl slty, v arg mtx, v calc, lam bent frags, tr nodr pyr

MD: 7,974'  
TVD: 7,586.43'  
Inclination: 86.21°  
Azimuth: 180.45°  
VS: 1,221.24'

100% MRLST: dk gy-v dk brn gy, frm-splt, pty-ang, rthy, slty, v arg mtx, v calc, mn- lam bent frags, tr nodr-dissm pyr

MW 10.2 / VIS 52 IN  
MW 10.2 / VIS 53 OUT

100% MRLST: dk gy-v dk brn gy, frm-splt, blk-pty, rthy, slty, v arg mtx, v calc, tr diss pyr, tr chk frags

MD: 8,064'  
TVD: 7,592.48'  
Inclination: 86.09°  
Azimuth: 180.92°  
VS: 1,310.63'

100% MRLST: dk gy-v dk brn gy, frm-splt, blk-pty, rthy, slty, v arg mtx, v calc, tr diss pyr, tr intbdd chk frags

MW 10.2 / VIS 51 IN



