

COLUMBINE LOGGING

Scale: 5" / 100'
Measured Depth Log

Well Name Encana DHN 08B-1

Location NE 1/4 NE 1/4 SEC. 11 T2S R100W

State Colorado

County Rio Blanco

Country USA

Rig Number Patterson UTI 326

API Number 05-103-11886

AFE # 13173180

Region Piceance Basin

Field Wildcat

Spud Date 7/5/2013

Surface Coordinates 1169' FNL 1061' FEL

Bottom Hole Coordinates 1360' FNL 1100' FWL (Lot 8 Sec. 1 T2S R100W)

Ground Elevation 7940.8'

K.B. Elevation 7970'

Logged Interval 2553'

Formation Wasatch through Niobrara

Type of Drilling Fluid Water-based Gel

Operator

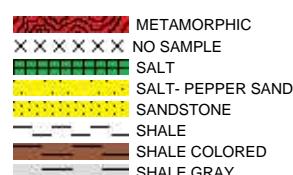
Company Encana Oil & Gas (USA), Inc.

Geologist

Name Brendan Kelly, John Thomas

Company Columbine Logging, Inc.

Rock Types



Accessories

Fossils

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

F FOSSIL

- GASTROPOD
- INOCERAMUS
- 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
- CHTTLT
- COAL - THIN BEDS
- DOLOMITIC
- FELDSPAR

● FERRUGINOUS PELLET

✗ FERRUGINOUS

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

▽ TUFFACEOUS

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

M MOLDIC

- ORGANIC
- PINPOINT
- VUGGY

EVEN

Porosity

- EARTHY
- FENESTRAL
- FRACTURE
- INTERCRYSTALLINE
- INTEROOLITIC

BIT

- 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

LITHOGRAPHIC

ANGULAR

ROUNDED

SUBANG

SUBRND

TEXTURES

BOUNDSTONE

CHALKY

CRYPTOXLN

EARTHY

FINELYXLN

GRAINSTONE

LITHOGRAPHIC

MICROXLN

MUDSTONE

PACKSTONE

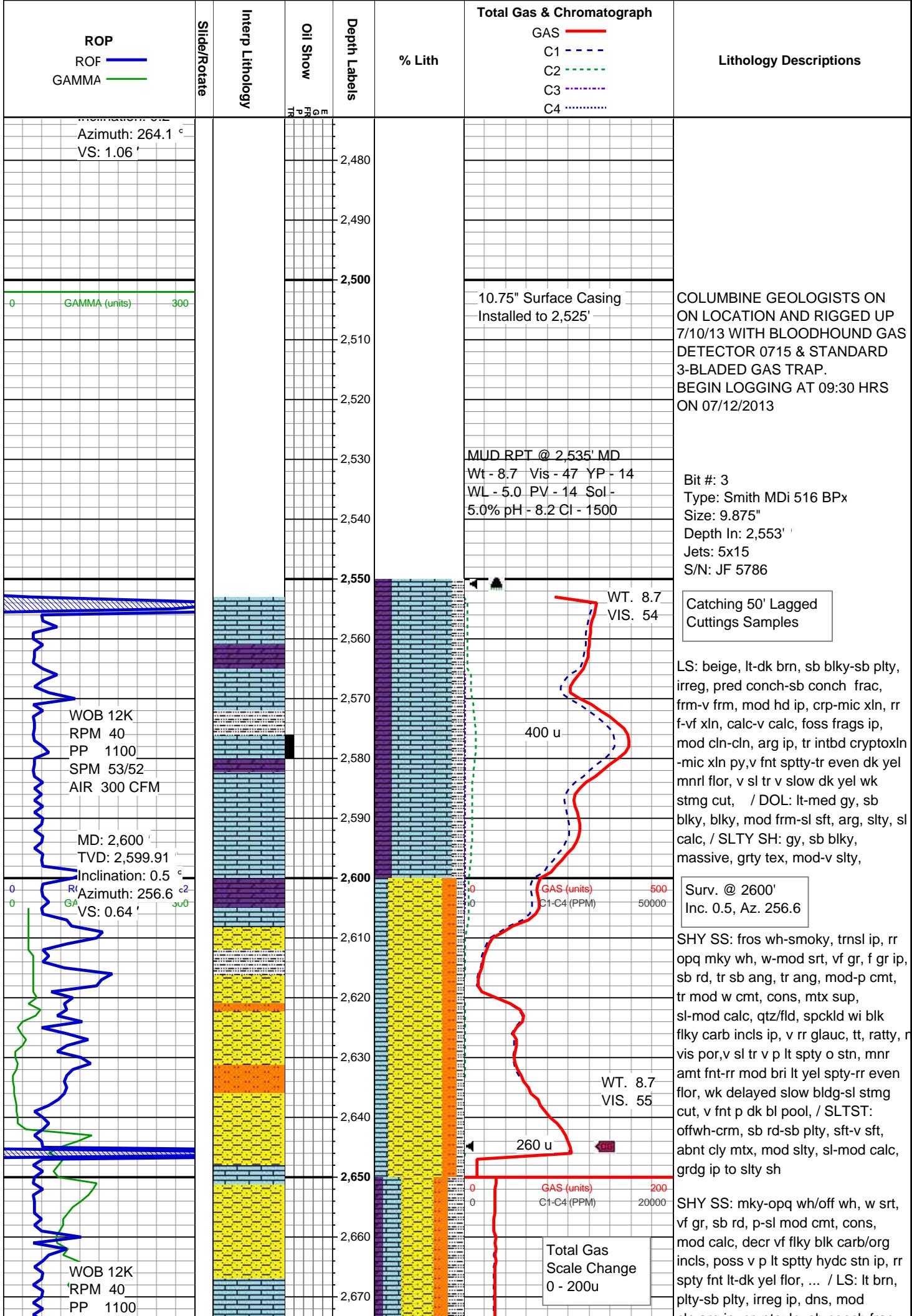
WACKESTONE

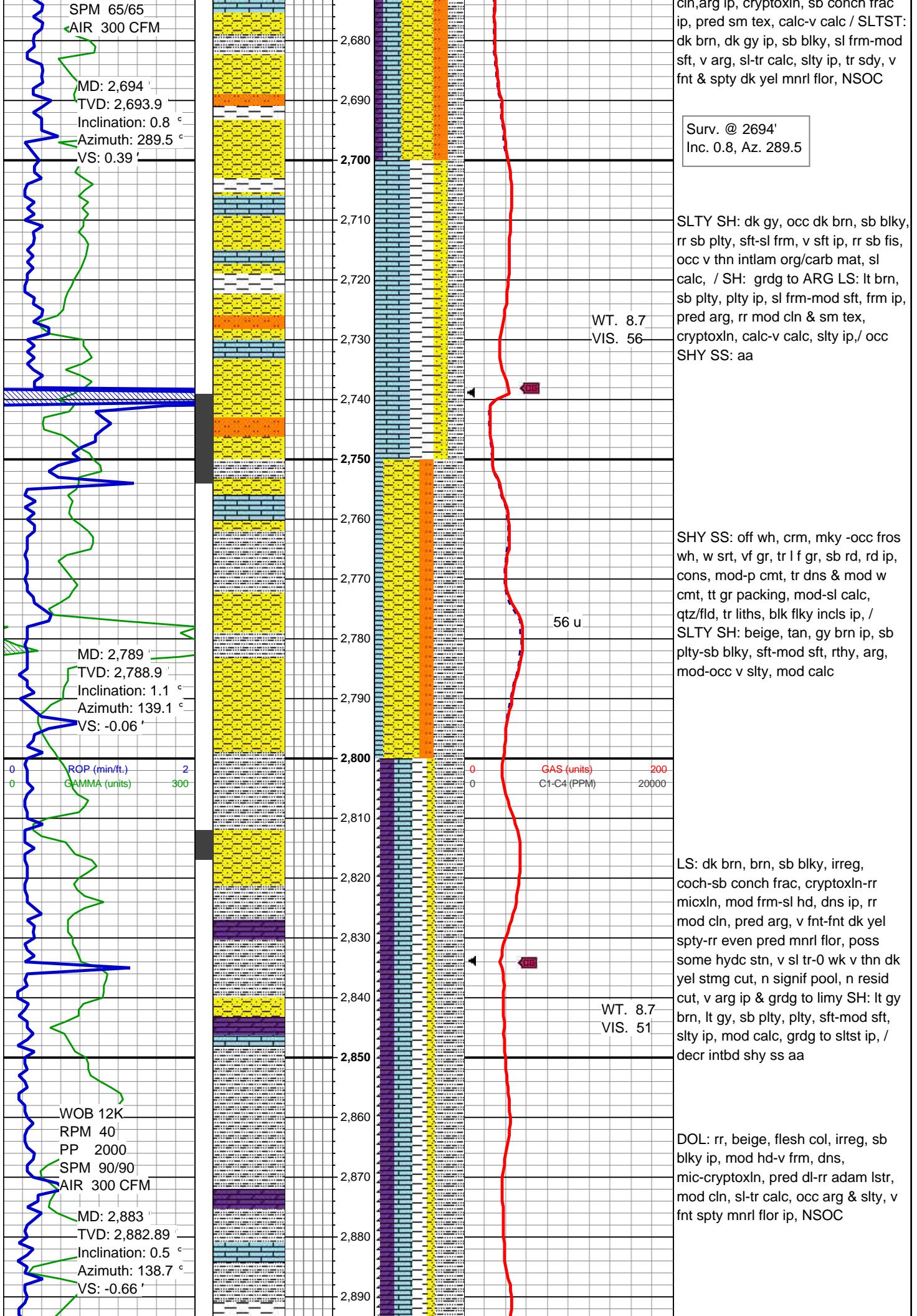
Sorting

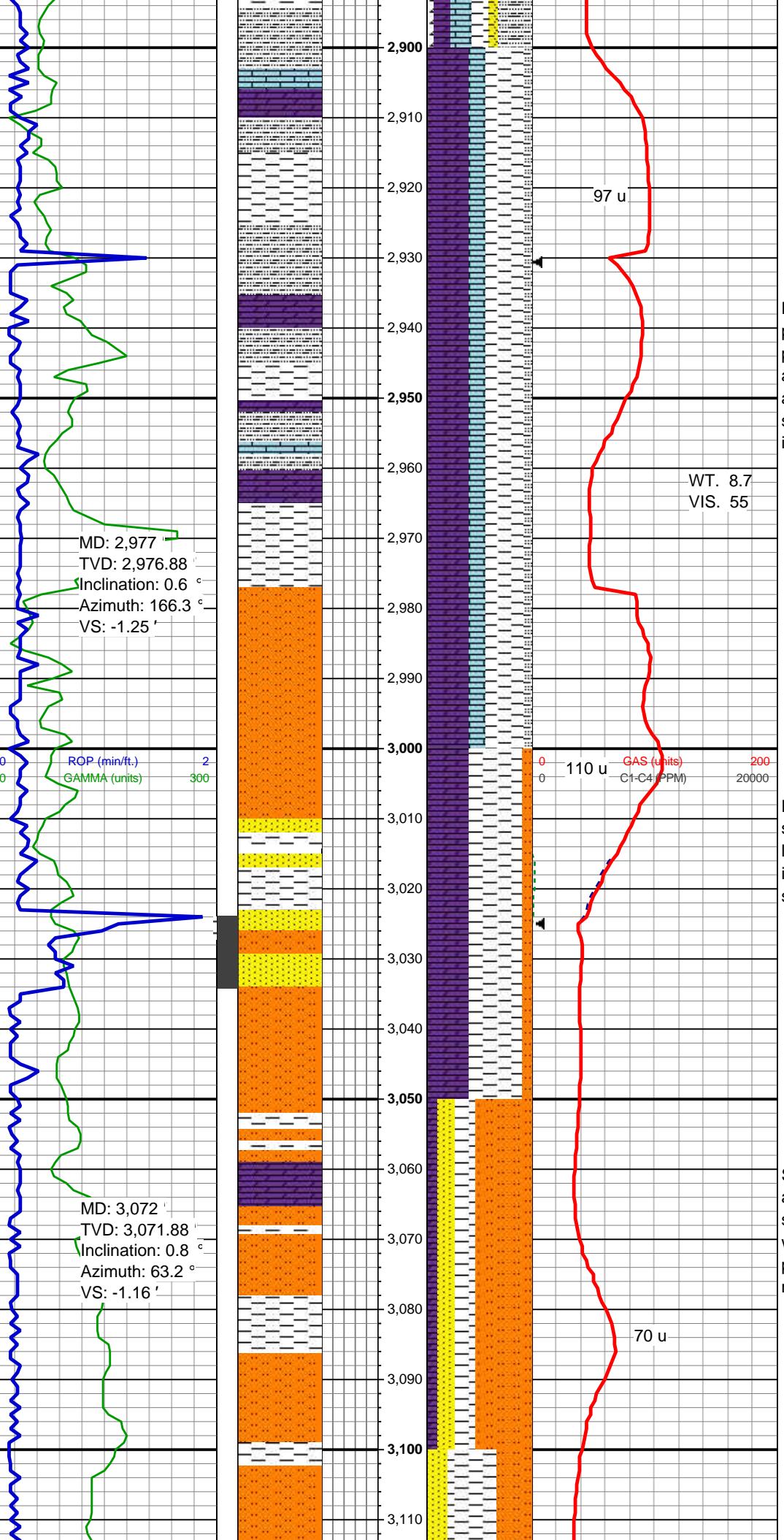
MODERATE

POOR

WELL







DOL: beige, lt-occ dk brn, lt gy ip, sb plty, irreg, sb blky ip, mod frm-frm, pred arg, mod cln ip, dns, cryptoxln, arg ip, sl-tr calc, occ v calc & grdg to arg ls, / SH: lt-dk gy, sb plty, mod sft-sl frm, rthy, cly rich, mnr amt slt ip, mod calc-occ v calc

DOL: lt bl-gy, occ lt beige, tr dk specs, hd, sb blky, sm-rthy / SH: lt-m gy, fm, sb blky, rthy, occ sl sly ip, sl calc / SLTST: lt rd-brn, wl ind, sb blky, sly, sl arg, sl calc

SLTST: lt rd-brn, wl ind, sb blky, sl arg, sl calc // Sh: lt gy, lt gy-brn, fm, sb blky, sm-rthy // SS: milk-wh, sme wh-opaq, tr clr, milk-wh, arg cmt, pred vf, occ f-m, sb ang, sme sb rd, mod-wl srt, sl calc, p por

