


























































**OPERATOR:** WINDSOR ENERGY GROUP, LLC  
**WELL:** CSF 21-18-07-91A  
**LOCATION:** SEC. 7, T7S, R91W  
**COUNTY:** GARFIELD  
**STATE:** COLORADO  
**SPOT:** 625' FSL 2319' FWL  
**ELEVATION:** GL: 6953' KB: 6975'  
**FIELD:** MAMM CREEK  
**SPUD DATE:** JULY 14, 2006

**TD DATE:** SEPTEMBER 01, 2006  
**DATES LOGGED:** 08/18/06 - 09/01/06  
**DEPTHS LOGGED:** 855' - 6689' MD  
**LOGGERS:** J.P. CENTENO  
**DRILLING FLUID:** LSND  
**DRILLING RIG:** BRONCO #4  
**API NUMBER:** 05-045-12481  
**SCALE:** 1:240 (5.0 INCH/100 FT)

**REMARKS:**

## LITHOLOGIES

|  |                      |   |                       |   |                        |  |                      |   |                       |
|--|----------------------|---|-----------------------|---|------------------------|--|----------------------|---|-----------------------|
|  | SANDSTONE            |  | SILTSTONE             |  | SHALE                  |  | COAL                 |  | BENTONITE             |
|  | LIMESTONE            |  | DOLOMITE              |  | ANHYDRITE              |  | CHERT                |  | SALT                  |
|  | CONGLOMERATE         |  | TUFF                  |  | ALLUVIUM               |  | METAMORPHIC          |  | GLACIAL TILL          |
|  | DARK CHERT           |  | WELDED TUFF           |  | ARGILLACEOUS LIMESTONE |  | LIME MUDSTONE        |  | CRYSTALLINE LIMESTONE |
|  | LIME BOUNDSTONE      |  | LIME GRAINSTONE       |  | LIME PACKSTONE         |  | LIME WACKESTONE      |  | DOLOMITIC LIMESTONE   |
|  | CALCEROUS DOLOMITE   |  | ARGILLACEOUS DOLOMITE |  | DOLOMITIC MUDSTONE     |  | CRYSTALLINE DOLOMITE |  | DOLOMITIC BOUNDSTONE  |
|  | DOLOMITIC GRAINSTONE |  | DOLOMITIC PACKSTONE   |  | DOLOMITIC WACKESTONE   |  | SHALY SANDSTONE      |  | CLAYSTONE             |
|  | GRAY CLAYSTONE       |  | COLOR CLAYSTONE       |  | VOLCANICS              |  | BRIGHT COAL          |  | INTERMEDIATE COAL     |
|  | DULL COAL            |  | COALY SHALE           |  | NON-COAL               |  | GRANITE              |  | BRECCIA               |
|  | MARL                 |  | DOLOMITIC MARL        |  | CARBONACEOUS SHALE     |  | CHALK                |  | GYPSUM                |
|  | UNABLE TO INTERPRET  |  | NO SAMPLE             |  | BLACK SHALE            |  | COLOR SHALE          |  | GRAY SHALE            |
|  | SILTY SHALE          |  | SHALY SILTSTONE       |   |                        |  |                      |   |                       |

## MODIFIERS

|                     |                       |                     |                   |                       |                      |
|---------------------|-----------------------|---------------------|-------------------|-----------------------|----------------------|
| AHYDRITE STRINGERS  | ALGAE, LAMINATED      | ALGAE, NON-DESCRIPT | ALGAE, OOTOID     | ALGAE, SKELETAL       | AMPHIPORA            |
| ANHYDRITIC          | ARGILLACEOUS          | ARGILLITE GRAIN     | BELEMNITE         | BENTONITE             | BIOCLAST/FRAGMENTAL  |
| BRACHIOPOD          | BRECCIA               | BRYOZOA             | CALCAREOUS        | CARBONACEOUS FLAKES   | CEMENTING BITUMENOUS |
| CEPHALOPOD          | CHERT, DARK           | CHERT, LIGHT        | CHERT, TRIPOLITIC | COAL                  | CORAL                |
| CRINOID             | CRYSTALS              | DOLOMITE STRINGERS  | DOLOMITIC         | ECHINOID              | FELDSPAR             |
| FERRUGINOUS GRAINS  | FERRUGINOUS STRINGERS | FERRUGINOUS         | FISH REMAINS      | FORAMINIFERA          | FOSSILS              |
| FRACTURES           | GASTROPOD             | GLAUCONITE          | GYPSIFEROUS       | GYPSUM STRINGERS      | HEAVY/DARK MINERALS  |
| INTRACLASTS         | KAOLIN                | LIMESTONE STRINGERS | LIMONITE          | MARLSTONE, CALCAREOUS | MARLSTONE, DOLOMITIC |
| MICACEOUS           | NODULES               | OOLITES             | OSTRACOD          | PEBBLES               | PELECYPOD            |
| PELLETS             | PHOSPHATE PELLETS     | PISOLITE            | PLANT REMAINS     | PYRITE                | SALT CAST/INFILL     |
| SAND GRAINS         | SANDSTONE STRINGERS   | SANDY               | SCAPHOPOD         | SHALE LAMINAE         | SILICEOUS            |
| SILTSTONE STRINGERS | SILTY                 | SLICKENSIDE         | SPORES            | STROMATOPOROID        | STYLOLITE            |
| TUFFACEOUS          | BITUMEN               | SULPHUR             |                   |                       |                      |

## POROSITY/SORTING/ROUNDNESS SYMBOLS

|                                |            |            |                |          |           |
|--------------------------------|------------|------------|----------------|----------|-----------|
| INTERCRYSTALLINE INTERGRANULAR | VUGGY      | FRACTURE   | INTEROOLITIC   | PINPOINT | ORGANIC   |
| MOLDIC                         | EARTHY     | FENESTRAL  |                |          |           |
| VERY POOR                      | POOR       | MODERATE   | MODERATLY WELL | WELL     | VERY WELL |
| ANGULAR                        | SUBANGULAR | SUBROUNDED | ROUNDED        |          |           |

## ENGINEERING SYMBOLS

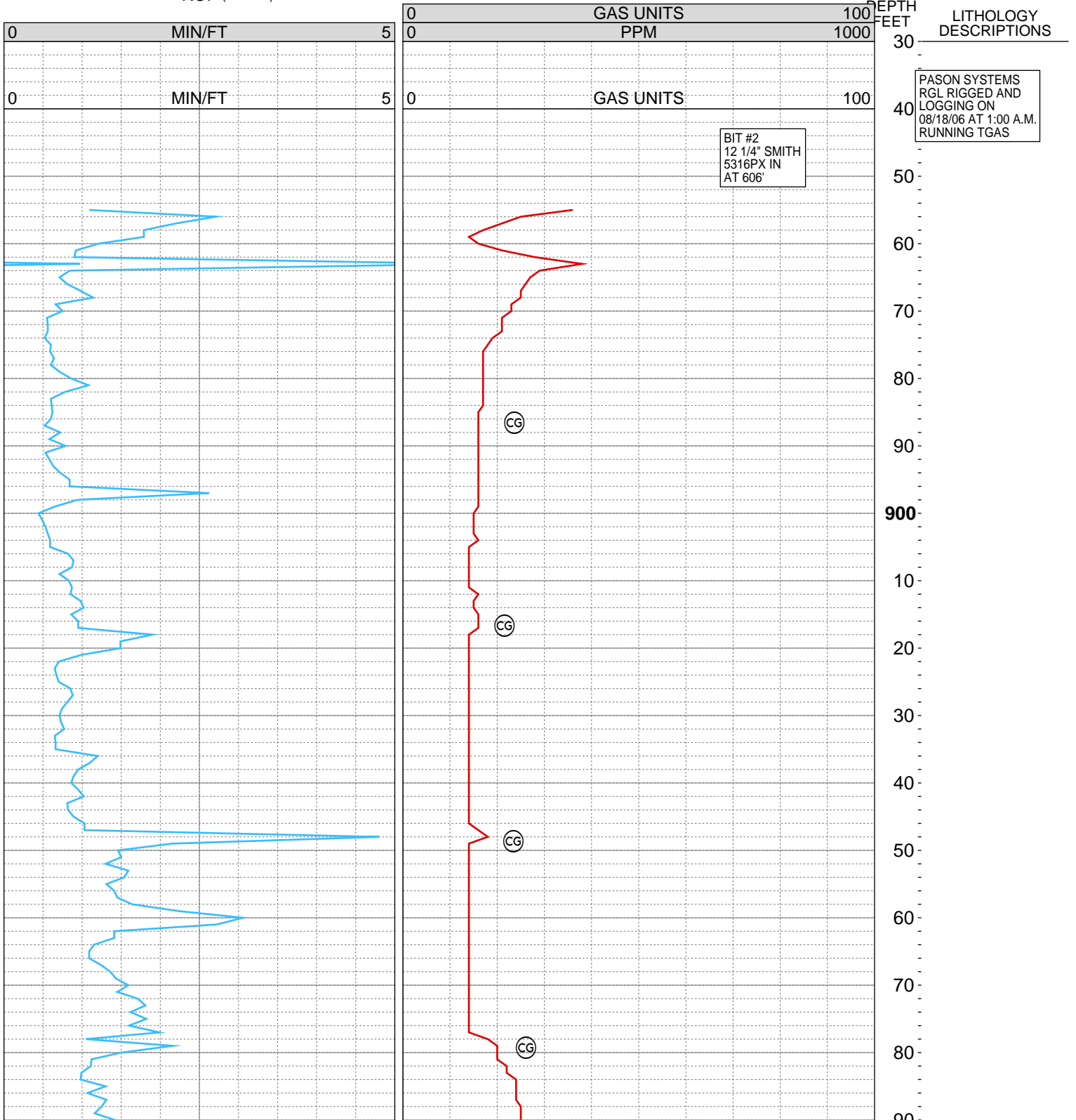
|                  |                  |                   |                |                  |                  |
|------------------|------------------|-------------------|----------------|------------------|------------------|
| BIT CHANGE       | LOST CIRCULATION | CASING            | CASING         | SIDEWALL CORE    | SIDEWALL CORE    |
| WIRELINE TEST    | WIRELINE TEST    | GAS TO SURFACE    | OIL TO SURFACE | WATER TO SURFACE | EVEN STAINING    |
| SPOTTED STAINING | DEAD OIL         | QUESTIONABLE      | OIL SHOW       | GAS SHOW         | OIL AND GAS SHOW |
| CONNECTION GAS   | TRIP GAS         | MIDNIGHT DEPTH    | MIDNIGHT DEPTH | CONNECTION       | OFF BOTTOM       |
| NORMAL FAULT     | REVERSE FAULT    | OVERTURNED STRATA | ARROW          | ARROW            |                  |
| CORE RECOVERED   | CORE LOST        | DST INTERVAL      | ROTATING       | SLIDING          | CANISTER         |

## ABBREVIATIONS

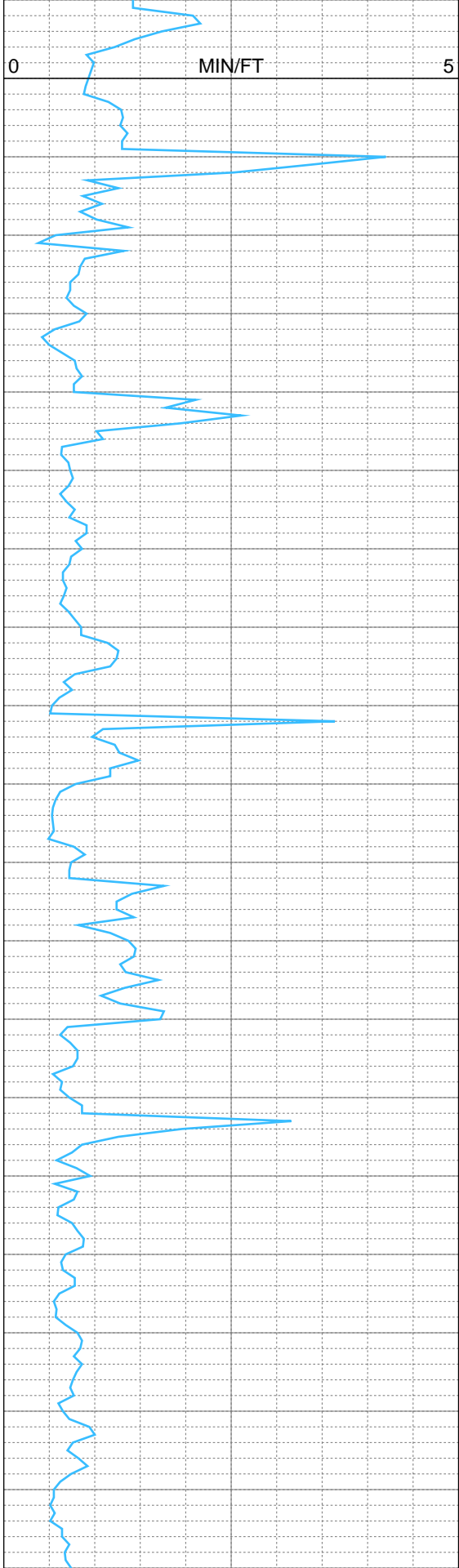
|                    |                         |                     |                          |
|--------------------|-------------------------|---------------------|--------------------------|
| CB - CORE BIT      | CG - CONNECTION GAS     | CO - CIRCULATE OUT  | DST - DRILL STEM TEST    |
| DTG - DOWNTIME GAS | LAT - LOGGED AFTER TRIP | NR - NO RETURNS     | NS - NO SAMPLE           |
| PP - PUMP PRESSURE | RPM - REVOLUTIONS/MIN   | RR - RE-RUN         | SLM - STEEL LINE MEASURE |
| SPM - STROKES/MIN  | TG - TRIP GAS           | WOB - WEIGHT ON BIT |                          |

TOTAL GAS (GAS UNITS)  
METHANE (PPM)  
ETHANE (PPM)  
PROPANE (PPM)

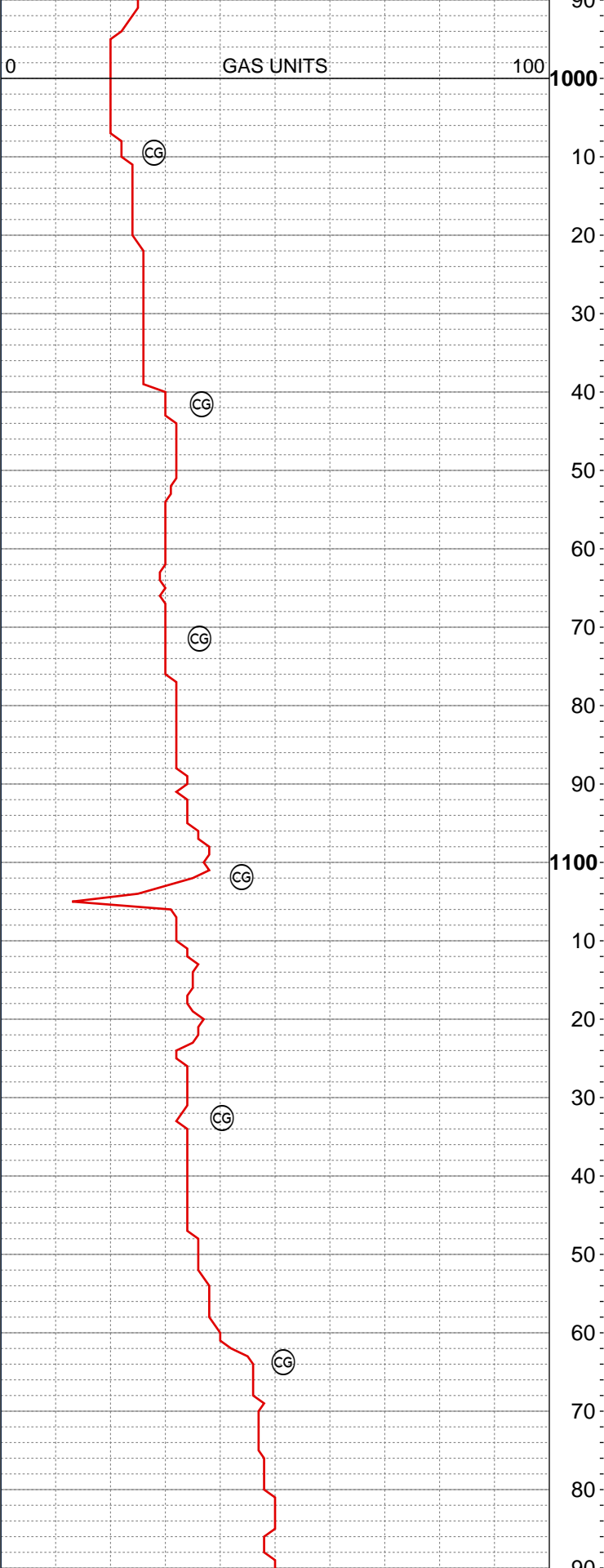
ROP (MIN/FT)

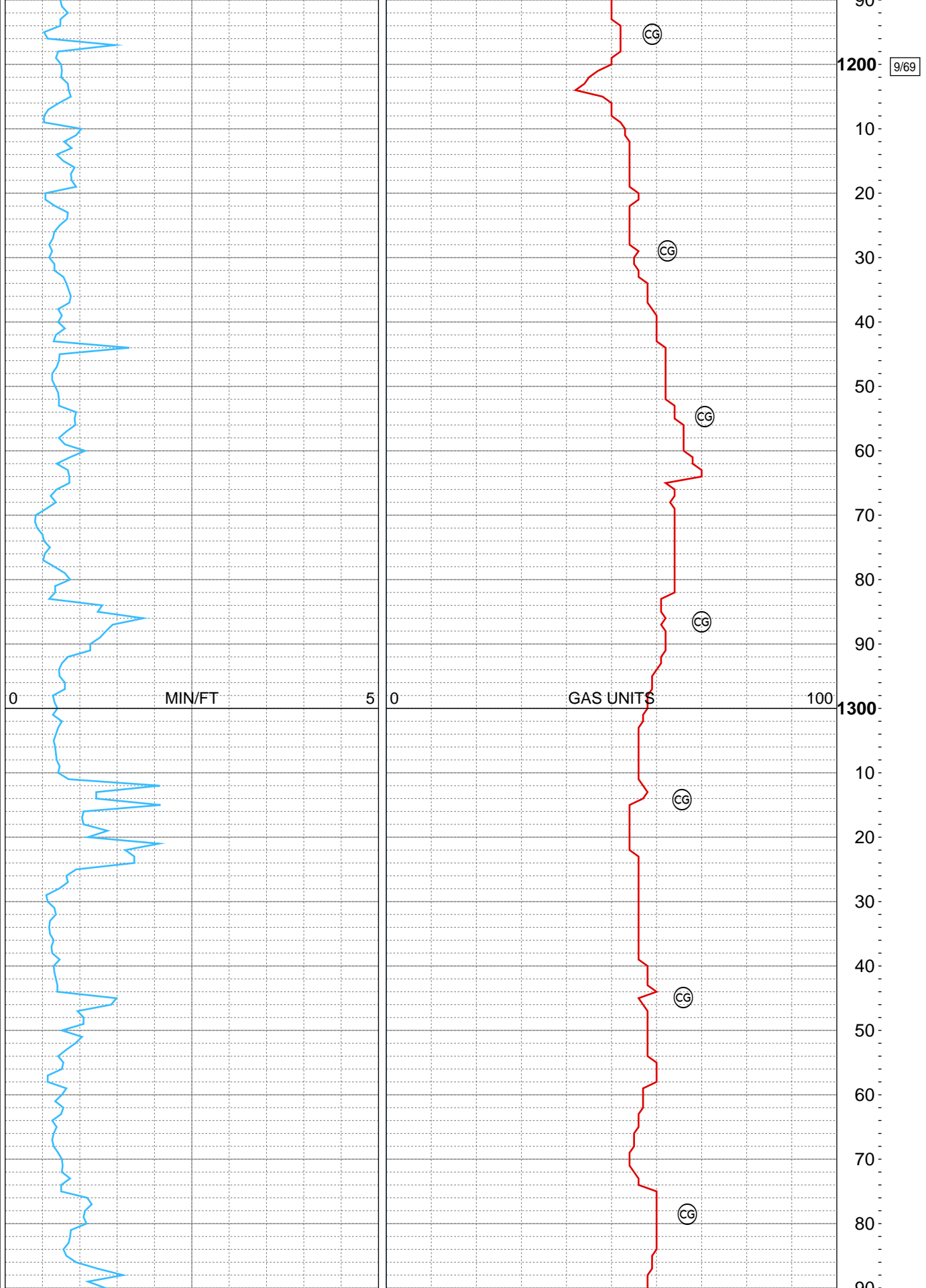


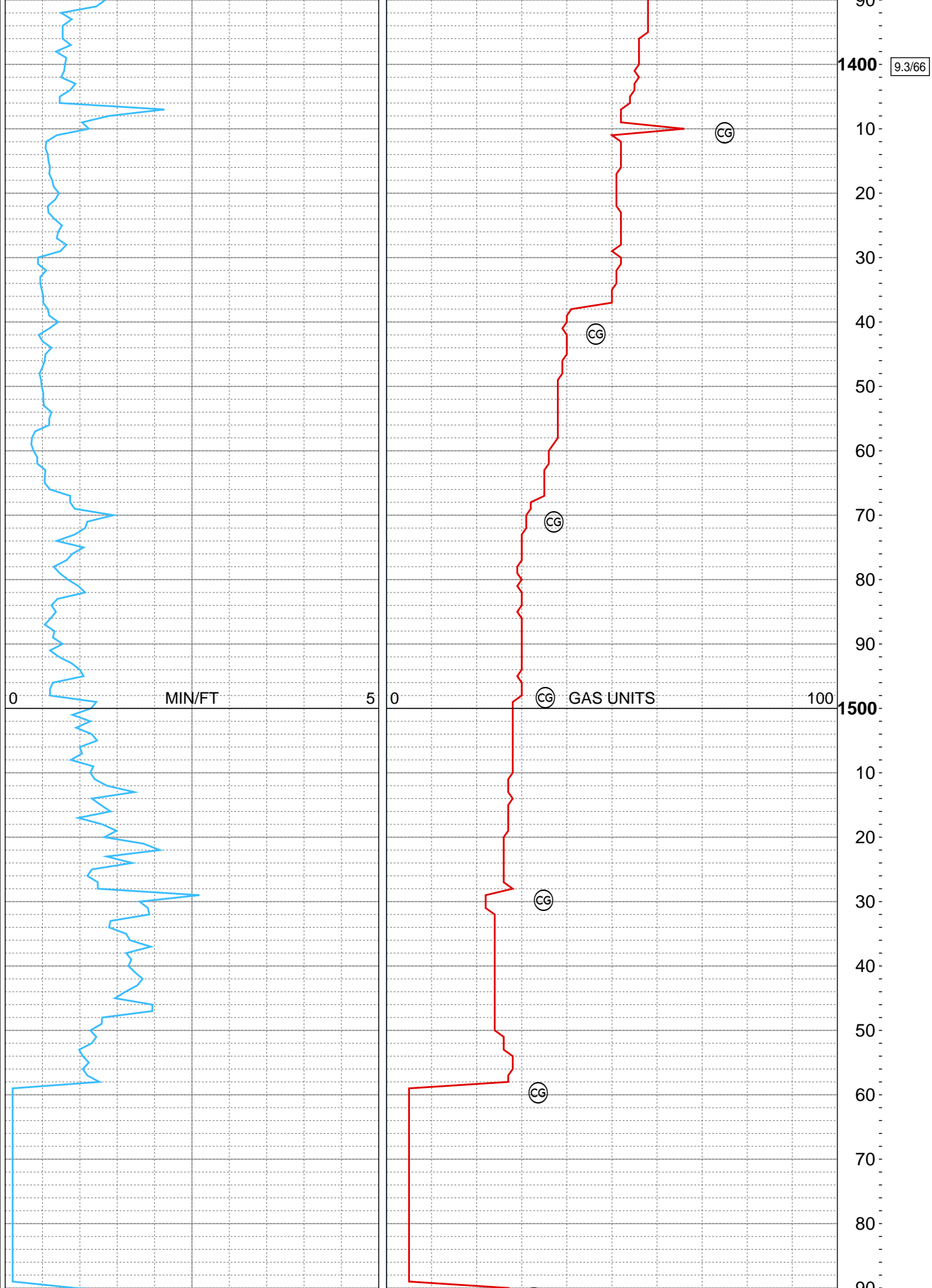
0 MIN/FT 5

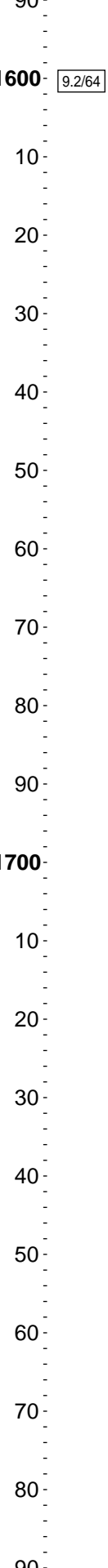
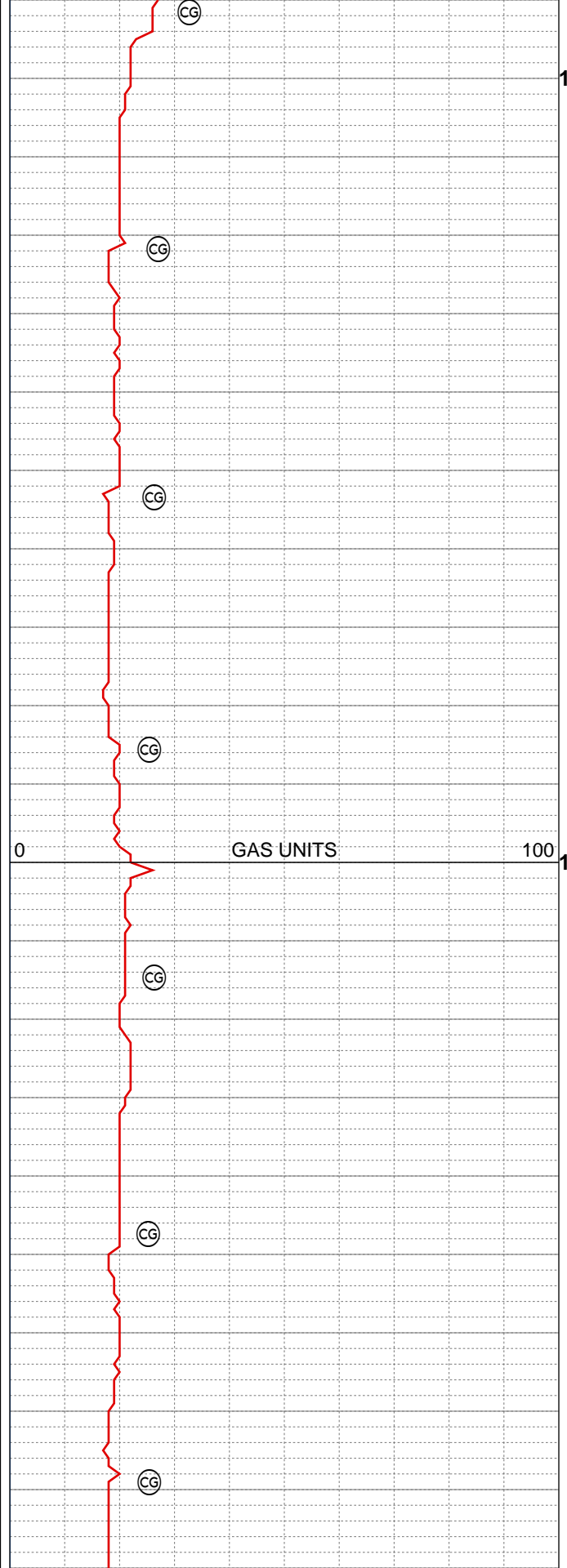
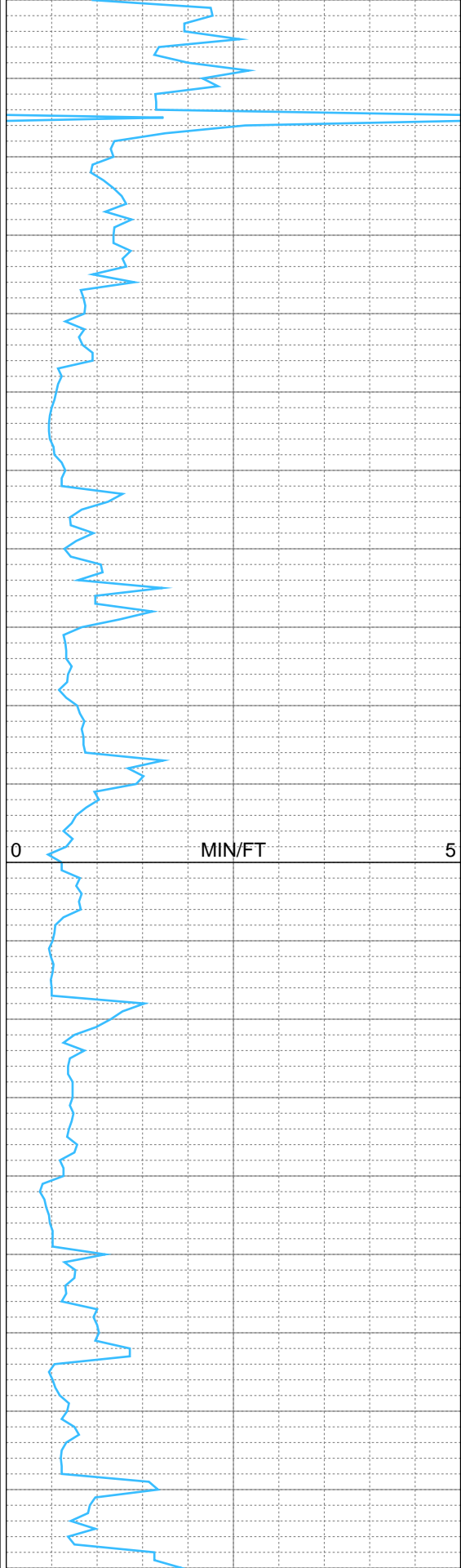


0 GAS UNITS 100

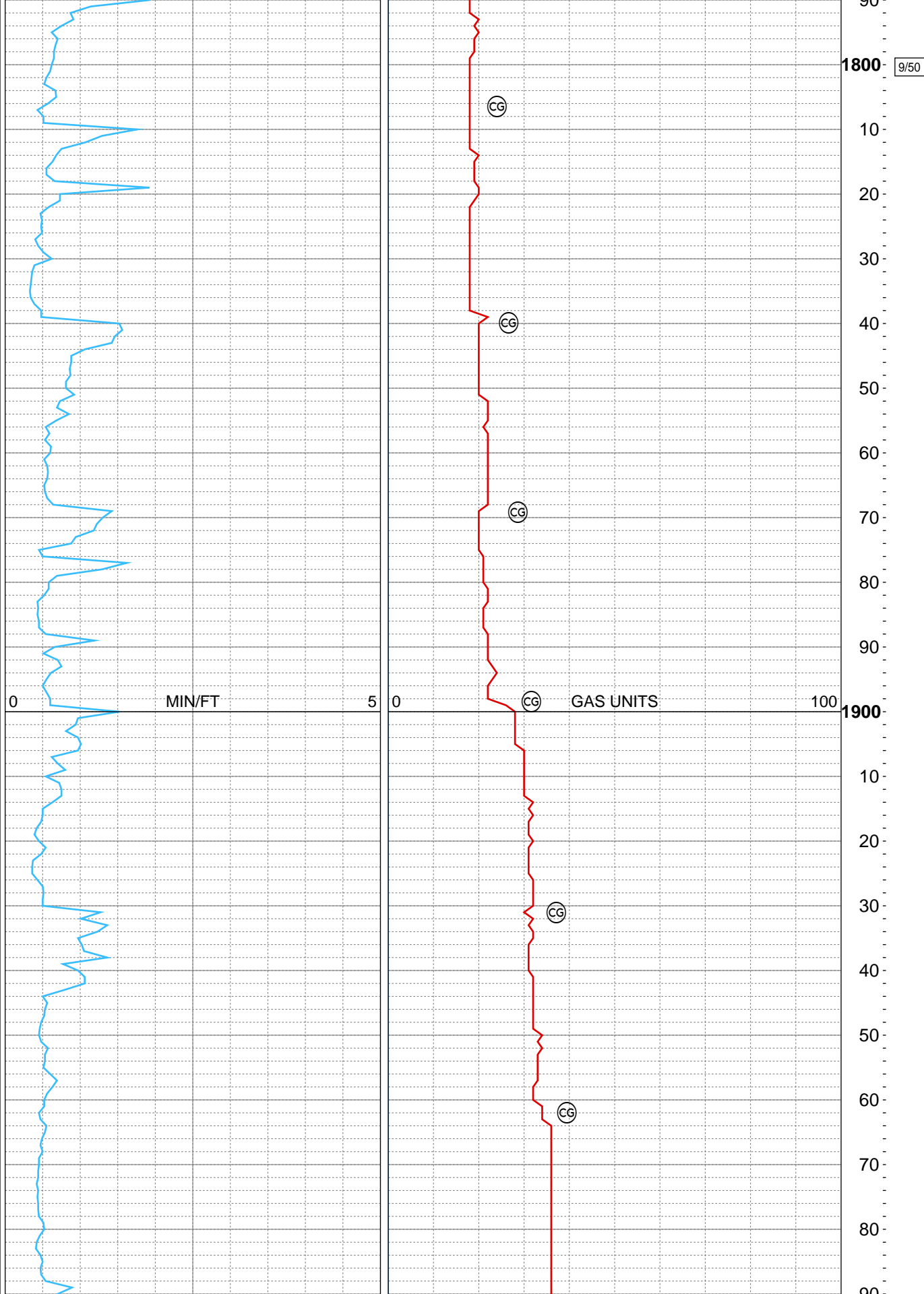




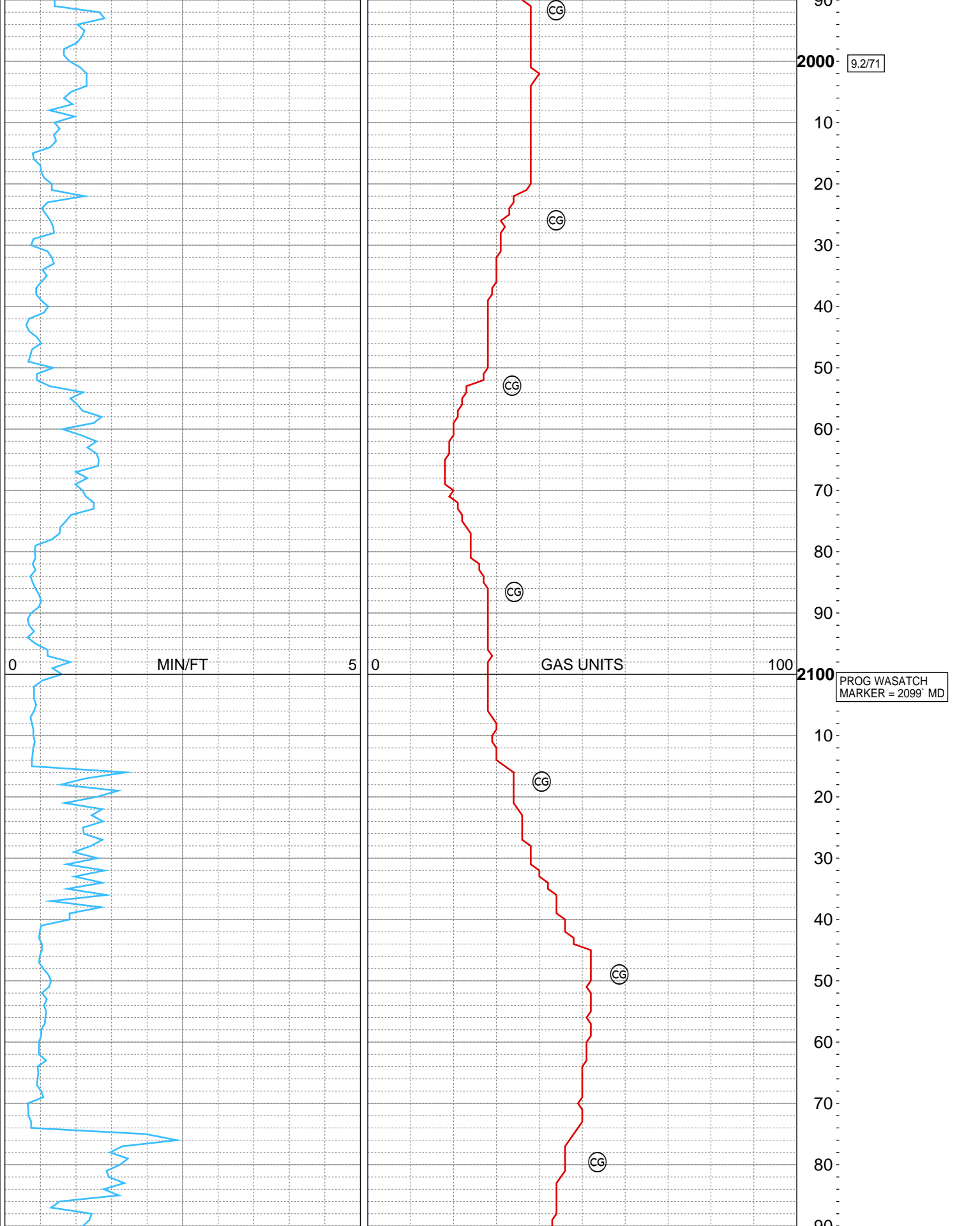


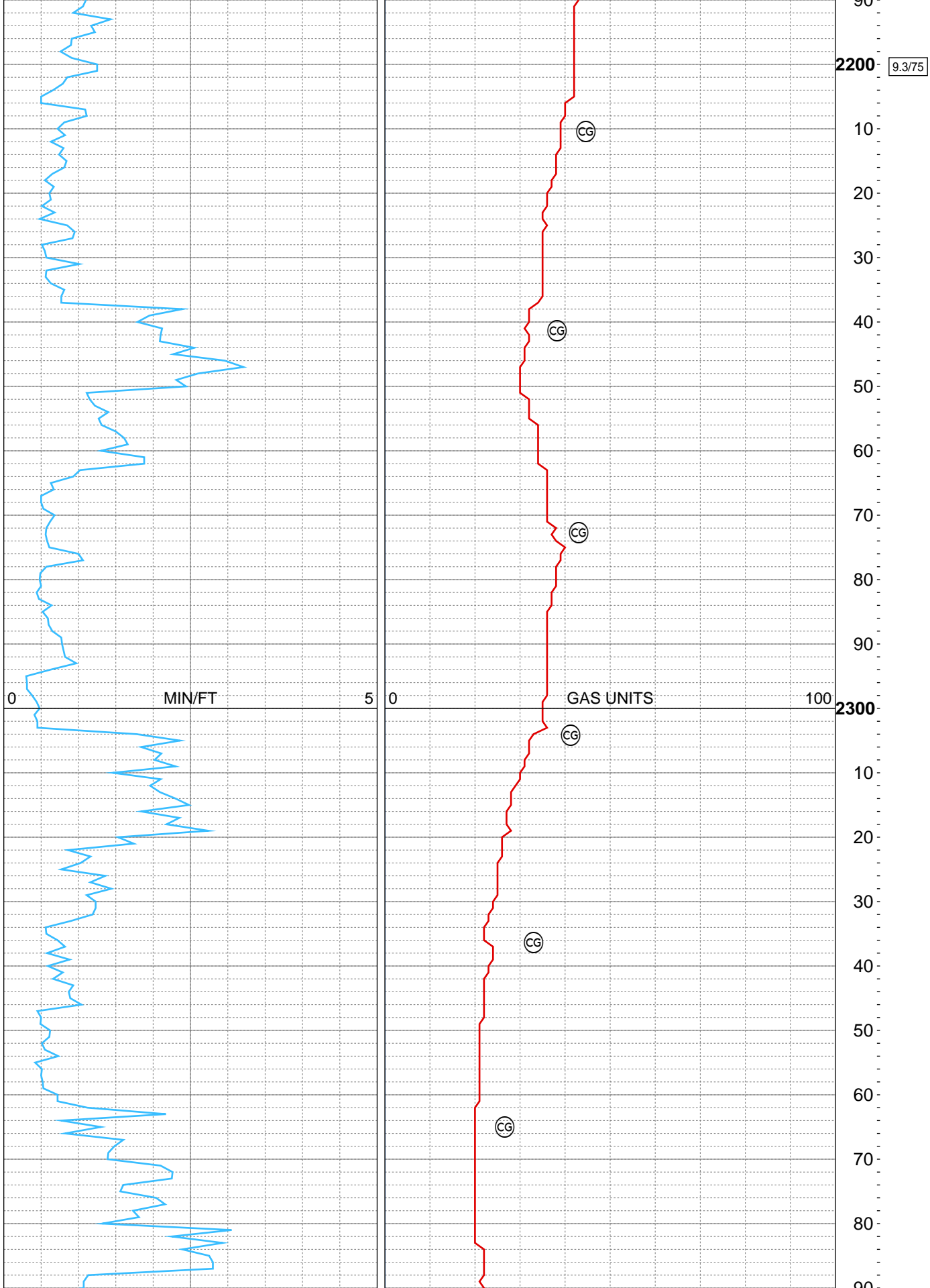


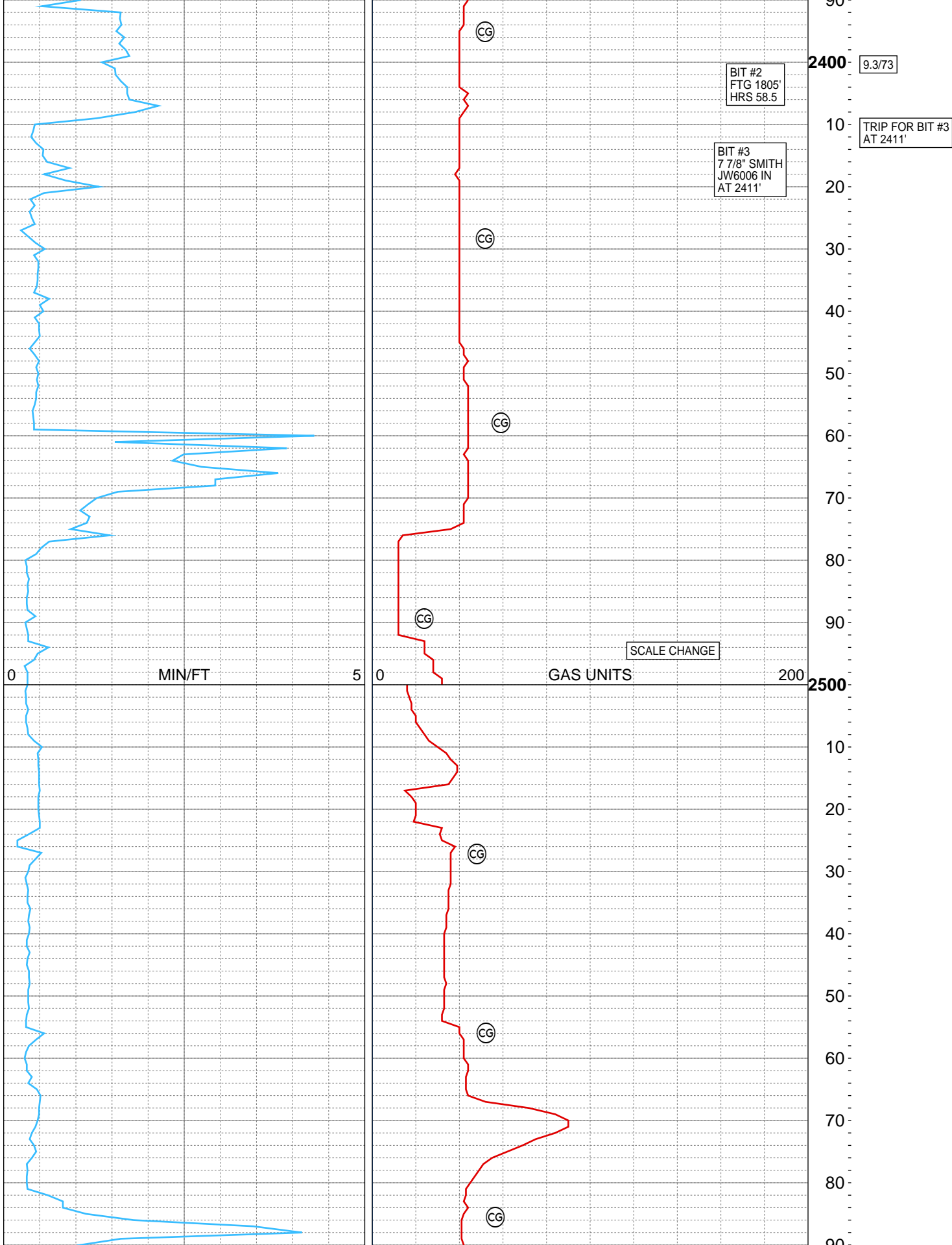
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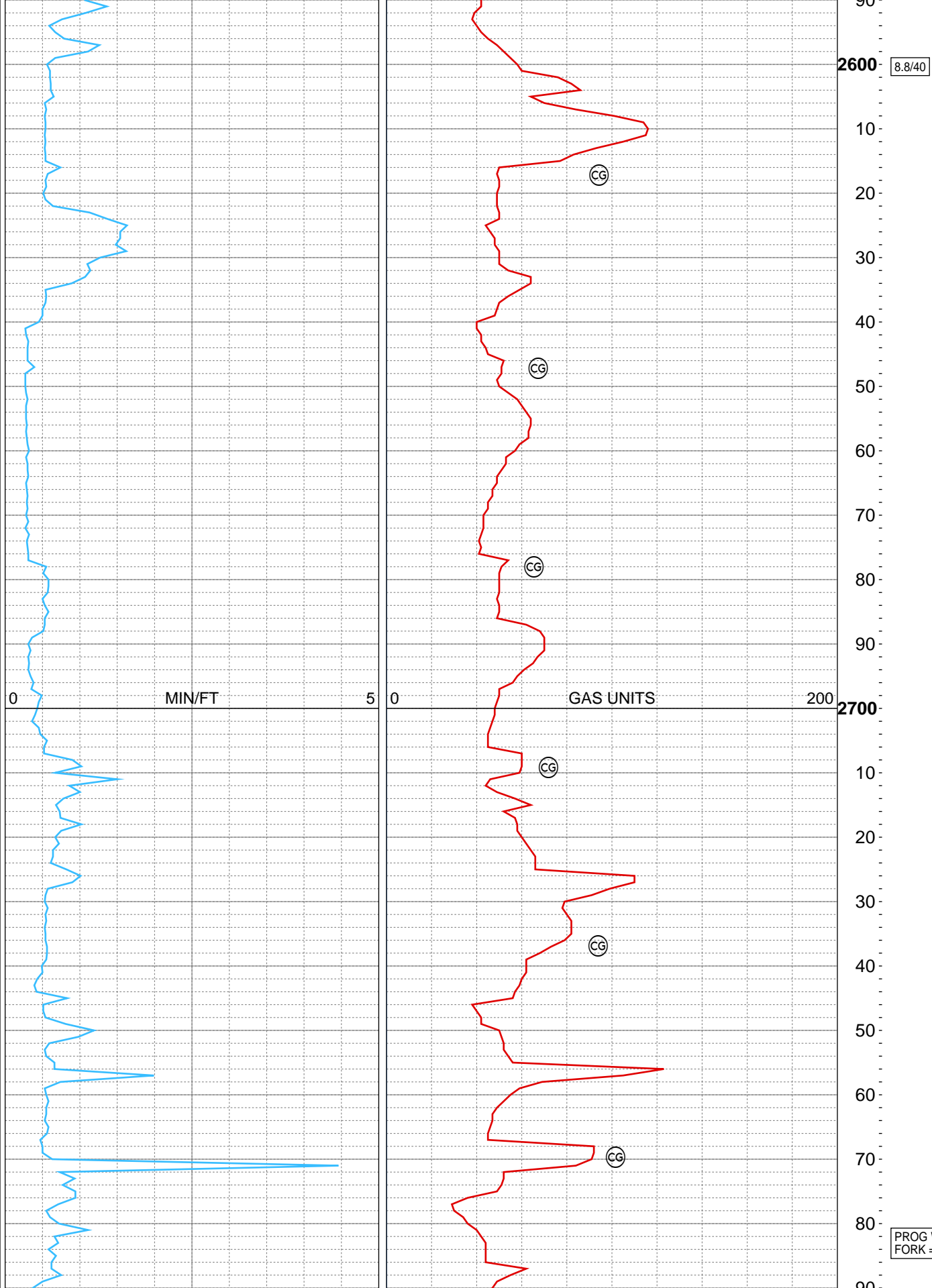






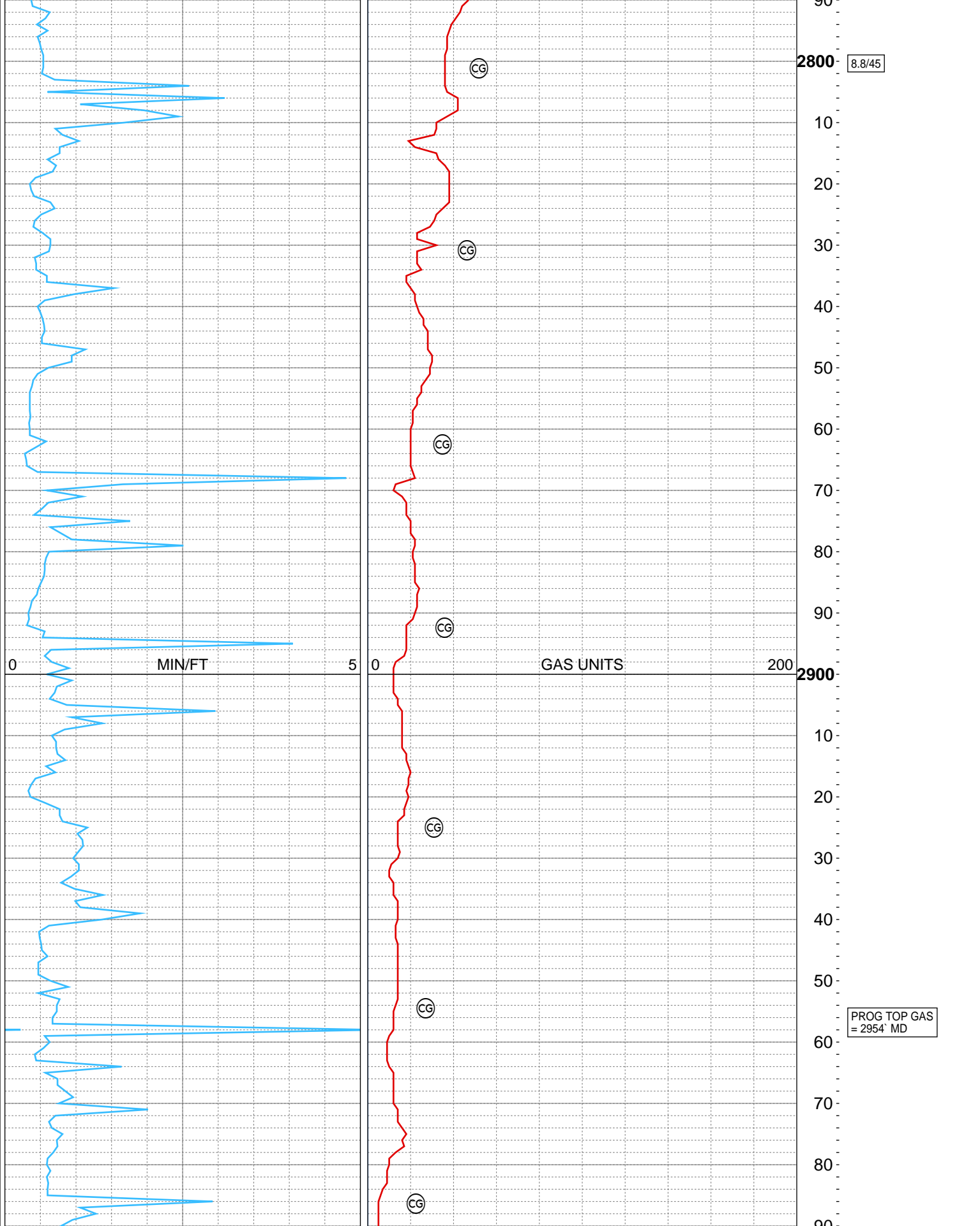


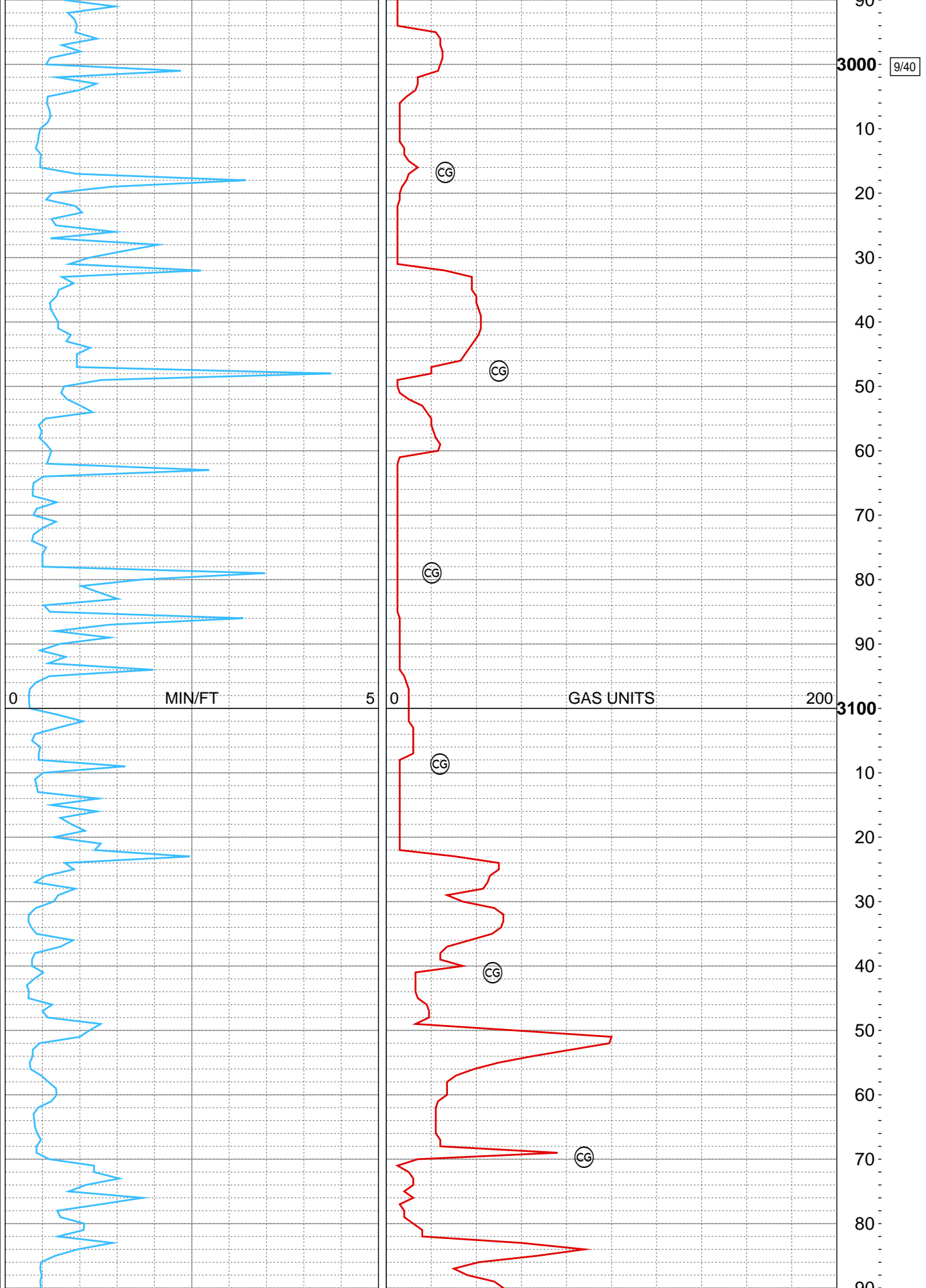


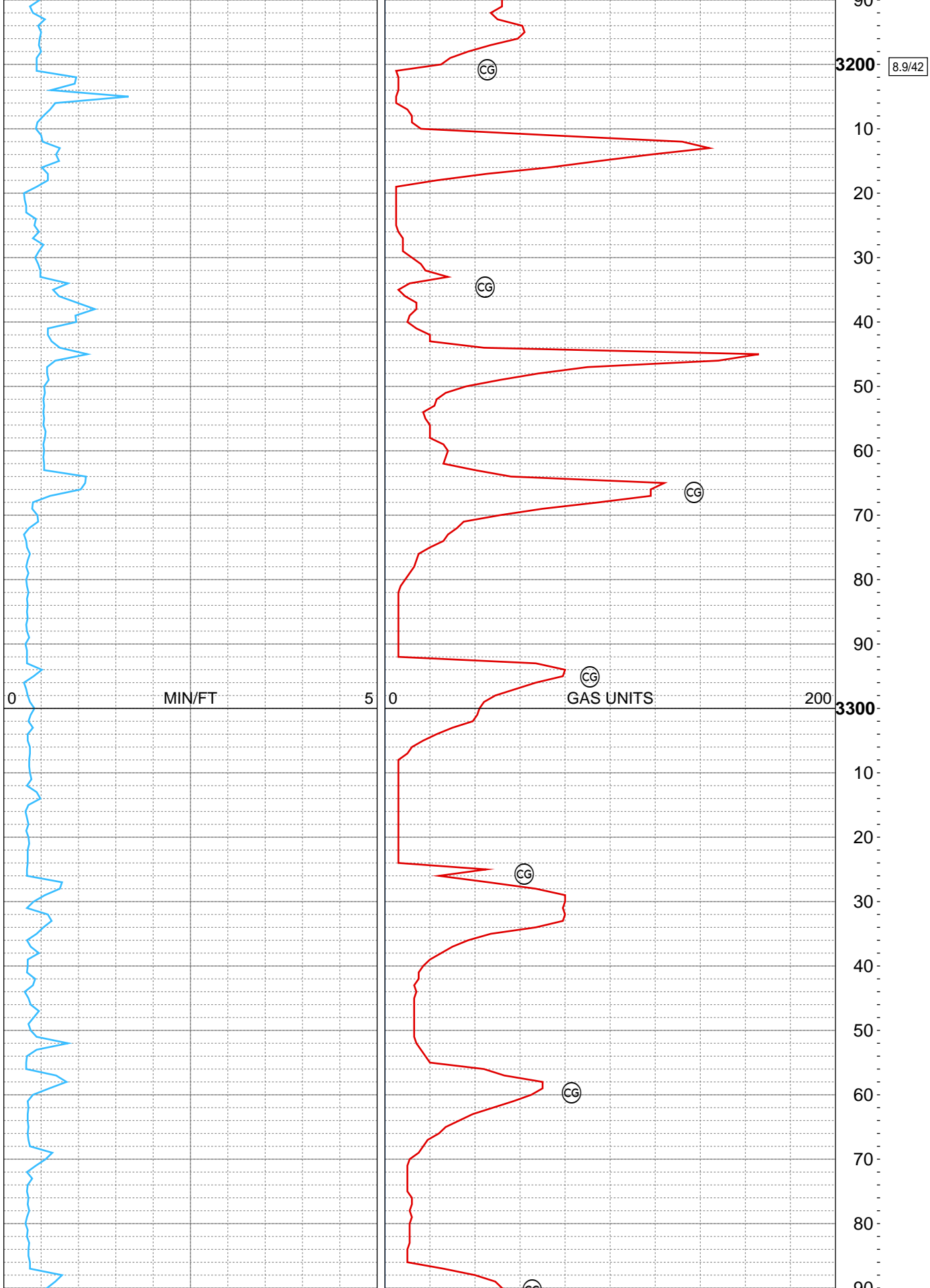


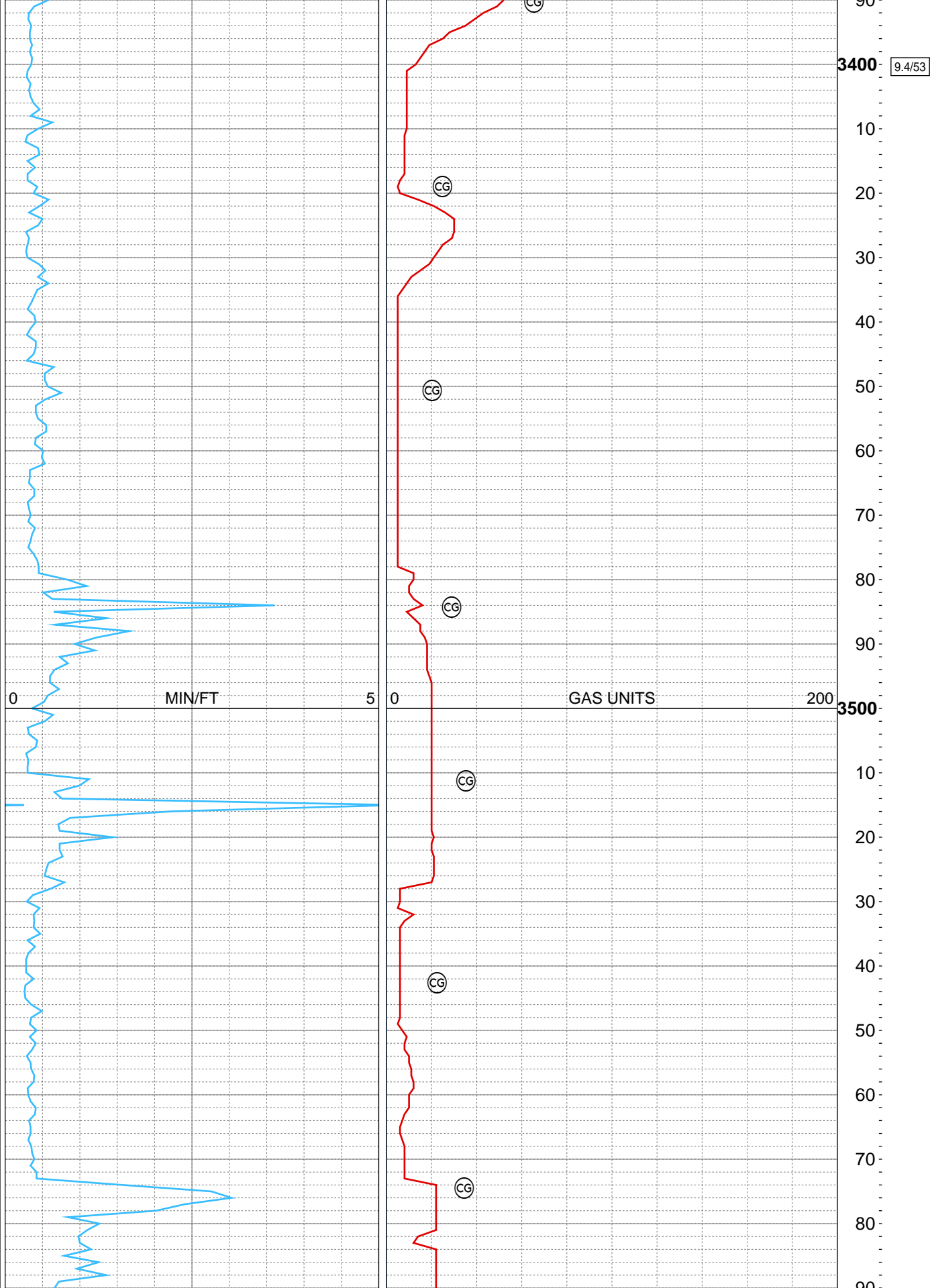
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PROG WILLIAMS  
FORK = 2780' MD

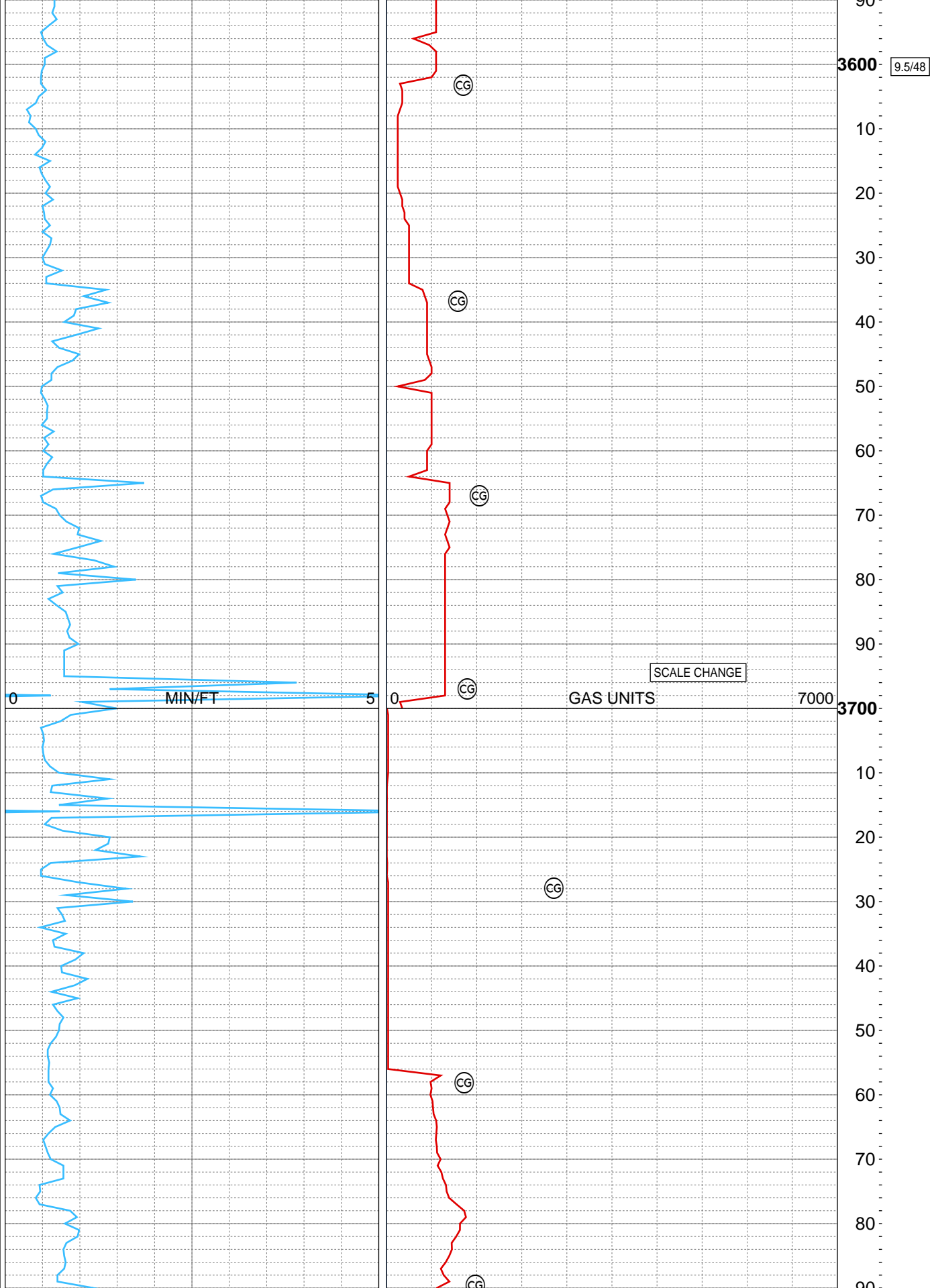


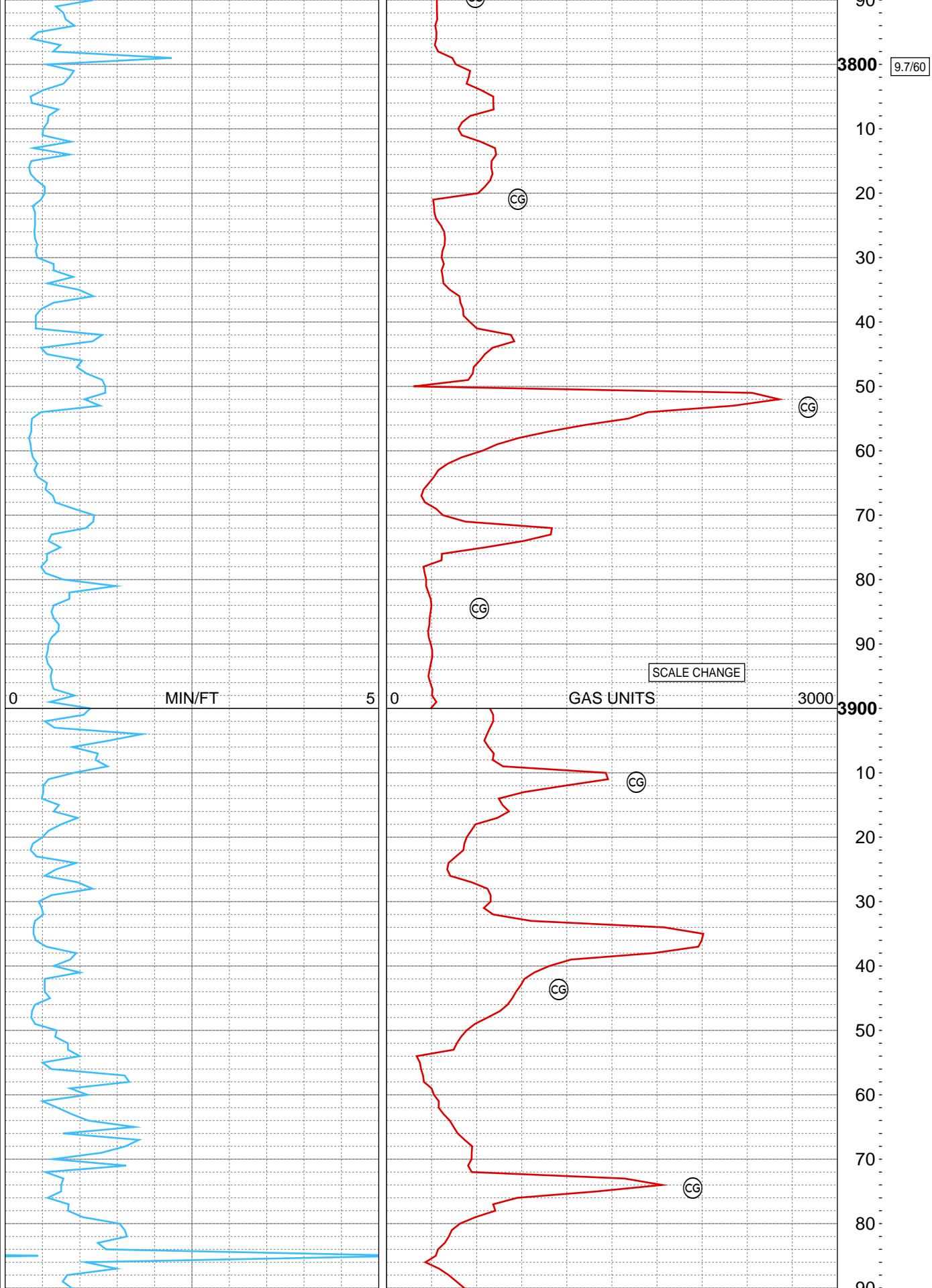


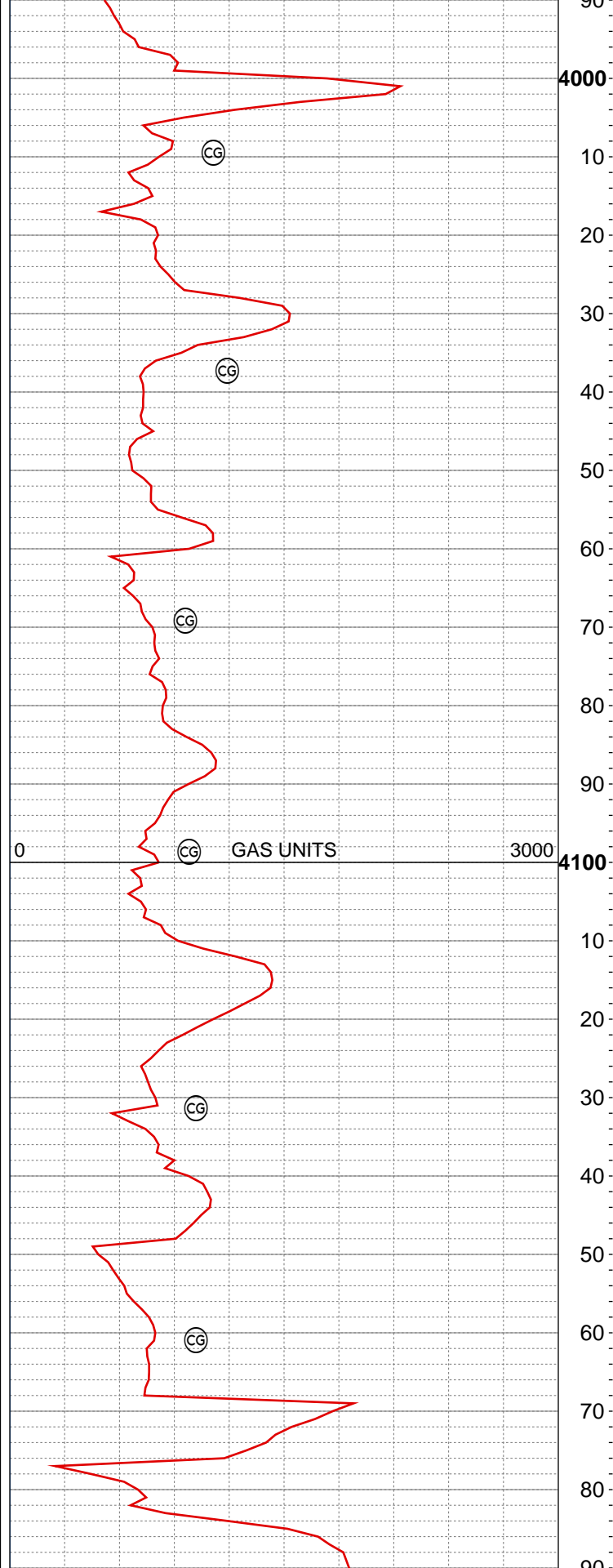
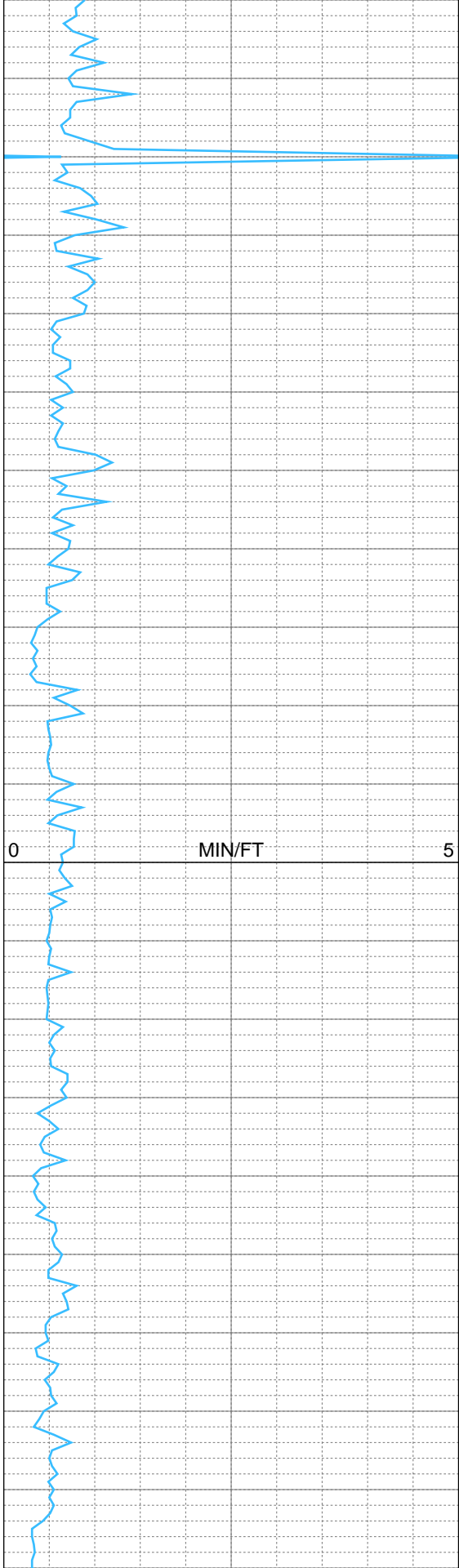












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