

Location: Sec. 34, T. 6 S., R. 94 W., Garfield County, Colo.
Kelly bushing elevation: 5,374 feet
Depth of Iles Formation in MWX-1: 7,455 to 8,233 feet, measured depth
Completion year: 1981
Total depth: 8,350 feet

EXPLANATION

- ZONE Sandstone zone numbers
- CALI Hole diameter, in inches
- GR Gamma ray activity, in API units
- TPL Slowness of 1.1 GHz electromagnetic wave, in nanoseconds/meter
- CECcore Cation exchange capacity, in milliequivalents per 100 grams

- ILM Resistivity from medium induction log, in ohm-meters
- ILD Resistivity from deep induction log, in ohm-meters

- RHOGcore Grain density from core measurements, in grams per cubic centimeter
- NPHI Thermal neutron log, in fractional porosity
- RHOB Density log, in grams per cubic centimeter

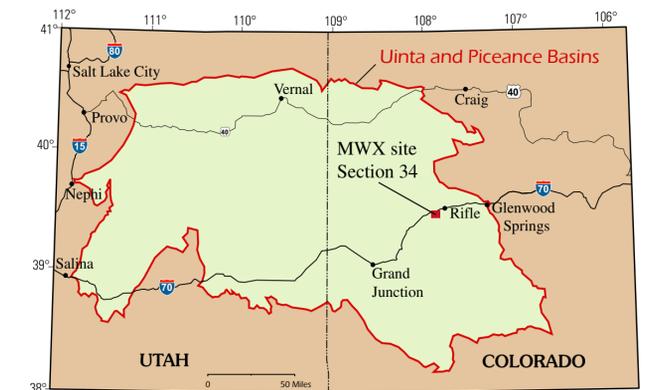
- PEF Photoelectric factor, in barns per electron
- DTS Slowness of acoustic shear wave, in microseconds per foot
- DTC Slowness of acoustic compressional wave, in microseconds per foot

- PORcore Porosity from helium invasion of core samples, in percent
- PorDen Porosity from density log, using grain density data from RHOGcore

- SWcore Water saturation from core samples, in percent
- SOcore Hydrocarbon saturation from core samples, in percent

- MudWgt Mud weight, in pounds per gallon
- Red Bar Cored interval

- FracLogs Natural fracture zones identified with sonic logs in cased hole
- FracCore Natural fractures identified by visual inspection of core
- Perfs Perforated intervals, bars with jigsaw patterns
- Yellow bands Sandstone intervals based upon well log deflections
- Gray bands Coal intervals based upon well log deflections



MWX Site Location



[Click here to return to Chapter 15](#)

WELL LOGS AND CORE DATA FOR ILES FORMATION FOR WELL MWX-1, GARFIELD COUNTY, COLORADO

Compiled by
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