



Scale: 1" / 100'  
Measured Depth Log

**Well Name** Wagner Unit #1 WSW

**Location** Section 29 T-18S-R16W Otis Albert Field, RuSh Co., Kansas

**State** Kansas

**County** Rush

**Country** USA

**Rig Number** Duke Rig 2

**API Number** 15-165-22152

**Field** Wildcat

**Geographic Region** Central Kansas

**Spud Date** 9/26/2017

**Surface Coordinates** Lat: 38.4522649  
Lon: 99.1108362

**Ground Elevation** 2056

**K.B. Elevation** 2064

**Logged Interval** 200

**Formation** Cedar Hills Sand

**Type of Drilling Fluid** WBM

## Operator

**Company** H2Oil

## Rock Types

UNKNOWN	DOLOMITE	SHALE GRAY	TILL
ANHYDRITE	CHERT	SHALE COLORED	BENTONITE
GYPSUM	COAL	SILTSTONE	TUFF
SALT	MARLSTONE	SANDSTONE	IGNEOUS
SIDERITE or LIMONITE	CLAYSTONE	CONGLOMERATE	METAMORPHIC
LIMESTONE	SHALE	BRECCIA	CEMENT

## Accessories

### Fossils

- ALGAE
- AMPHIPORA
- BELEMNITE
- BIOCLASTIC
- BRACHIOPOD

### F FOSSIL

- GASTROPOD
- OOLITE
- OSTRACOD
- PELECYPOD
- PELLET
- PISOLITE

### ARGILLACEOUS

- ARGILLITE GRAIN
- BENTONITE
- BITUMENOUS SUBSTANCE
- BRECCIA FRAGMENTS
- CALCAREOUS
- CARBONACEOUS FLAKES

### GLAUCONITE

- GYPSIFEROUS
- HEAVY MINERAL
- KAOLIN
- MARLSTONE
- MINERAL CRYSTALS
- NODULES

### Stringer

- ANHYDRITE STRINGER
- BENTONITE STRINGER
- COAL STRINGER
- DOLOMITE STRINGER
- GYPSUM STRINGER

- ↑ BRYOZOA
- 🐙 CEPHALOPOD
- 🪸 CORAL
- 🪼 CRINOID
- 🪨 ECHINOID
- 🐟 FISH
- 🪨 FORAMINIFERA

- 🌿 PLANT REMAINS
- 🍄 PLANT SPORES
- 🪸 SCAPHOPOD
- 🪨 STROMATOPOROID

### Minerals

- ⚡ ANHYDRITIC

- ⚡ CHTDK
- ⚡ CHTLT
- ⚡ COAL - THIN BEDS
- ⚡ DOLOMITIC
- + FELDSPAR

- FERRUGINOUS PELLETT
- 🪨 FERRUGINOUS

- PHOSPHATE PELLETS
- P PYRITE
- 🪨 SALT CAST
- ⋯ SANDY
- ^ SILICEOUS
- ⋯ SILTY
- ∨ TUFFACEOUS

- 🪨 LIMESTONE STRINGER
- 🪨 MARLSTONE (CALC) STRG
- 🪨 MARLSTONE (DOL) STRG
- 🪨 SANDSTONE STRINGER
- SHALE STRINGER
- 🪨 SILTSTONE STRINGER

## Other Symbols

### Oil Show

- 🚫 DEAD
- EVEN
- ⊙ QUESTIONABLE
- 🕒 SPOTTED STAINING

### Porosity

- E EARTHY
- 🪨 FENESTRAL
- F FRACTURE
- × INTERCRYSTALLINE
- ⊕ INTEROOLITIC
- 🪨 MOLDIC

- 🪨 ORGANIC
- P PINPOINT
- ∨ VUGGY

### Engineering

- 🪨 BIT

- 🪨 CASING

- ◀ CONNECTION (LEFT)
- ▶ CONNECTION (RIGHT)
- 🪨 CONNECTION GAS

- ⬇ CORE - LOST
- 🪨 CORE - RECOVERED
- ⋯ DST INTERVAL

- 🪨 FAULT

- ↔ FORMATION TOP

- 🪨 GAS SHOW

- 🪨 MN DEPTH 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
- E EARTHY
- 🪨 FINELYXLN
- 🪨 GRAINSTONE

- L LITHOGRAPHIC

- MX MICROXLN

- MS MUDSTONE

- PS PACKSTONE

- WS WACKESTONE

### Sorting

- M MODERATE
- P POOR
- W WELL

## Zone Color Coding

- 🪨 Oil
- 🪨 Condensate
- 🪨 Gas
- 🪨 Note
- 🪨 Core
- 🪨 Pressure
- 🪨 Error
- 🪨 Water
- 🪨 Seal

