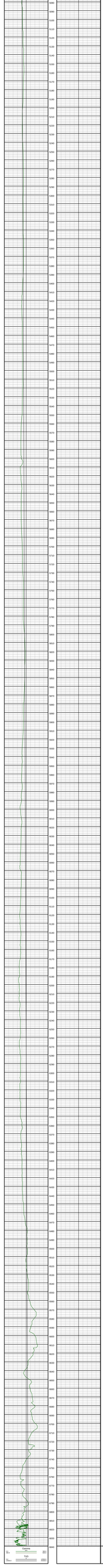

# Barr 11L-301

**TVD**
**5":100'**

**Company:** PDC Energy Inc
**Well Name:** Barr 11L-301
**API:**
**County/Parish:** WELD
**State:** COLORADO
**Country:** USA
**Job number:** 152-137
**Field:** Wattenberg
**Rig Id:** Ensign 152
**Survey Company:** Ensign Directional
**DD1** Jesus Gallego
**DD2** Dan Hanson
**DD3** Joe Edgerton
**MWD1** Paul Wilson
**MWD2** Ryan Prue

**Log measurements:** Gamma, ROP
**Depth measured from:**
**Maximum temperature:**

| | Depth | Date |
|---|---|---|
| **Start:** | 0 ft | 4-25-18 |
| **End:** | ft | |

| Casing | Depth | Size |
|---|---|---|
| **Surface:** | 1646 ft | 9 5/8" |
| **Intermediate:** | | |

**Mud Type:** Water
**Density:**
**Viscosity:**
**Rm:** **Rmf:** **Rmc:**

**Elevations**
**KB:** 23 ft
**GL:** 4611 ft
**DF:** 4634 ft

| Run | Bit Size | Offsets | | Depths | | Dates | |
|---|---|---|---|---|---|---|---|
| | | Gamma | Survey | Start | End | Start | End |
| 1 | 12.25" | | 59.65 ft | 0 ft | | 4-25-2018 | |
| 2 | 8.5" | 62.34 ft | 57.34 ft | | | | |
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| 9 | | | | | | | |
| 10 | | | | | | | |

Ensign Directional uses its best efforts to provide its customers with accurate information and interpretations in conjunction with services performed but will not be held liable or responsible for the accuracy of such information or interpretation.

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