

Company: Petroleum Development Corp.

Well Name: Harold 6X-302

API: 051234573000

County/Parish: Wadil

State: Colorado

Country: United States

Job number: 161-1-164

Field: Welterburg

Rig Id: Ensign 161

Survey Company: Ensign

Operator: Petroleum Development Corp.

Company Man: Brad Sharp / John Fallon

Daylight OD: Zach Gentry

Swing Shift OD: Tony Calkow

Night OD: Eric Myers

Daylight MWD: Ryan Price

Night MWD: Paul Wilson

Log measurements: Gamma, ROP

Depth measured from: 1655 ft

Start: 0 ft

End: 17653 ft

Date: 12-13-2018

Maximum temperature: 245.5

Casing

Depth

Size

Mud Type: H2O

Pressure

Viscosity

Intermediate: 1664 ft

9.58"

Rmc:

Ref:

Rmc:

DP: 4758 ft

GI: 4758 ft

Endurance

KR: 33 ft

Run

Bit Size

Gamma

Start

Durability

End

Dates

1

12.25"

62.80 ft

58.00 ft

1661 ft

17653 ft

12-13-2018

12-13-2018

2

3

4

5

6

7

8

9

10

Ensign 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.

