



Company: Petroleum Development Corp.
Well Name: Harold 6x-204
API: 16325453500
Camp/Wellsite: VMW
State: Colorado
County: Uninc. State
Job Number: U1-159
Field: Wairerang
Rig ID: Ensign 161

Operator: Petroleum Development Corp.
Company Man: Brady Sharp, John Fallon

Daylight DCS: Zach Gentry
Surfing DCS: Zach Gentry
Daylight EWC: Eric Bevan
Night EWC: Ryan Paine

Log measurements Gamma, ROP
Depth measurements Gamma, ROP

Maximum temperature: 161 ft
Start: 0 ft
End: 1800 ft
Date: 1-3-2019

Casing Depth: 161 ft
Size: 9.50"
Mud Type: H2O
Density: 8.6
Elevations: KB: 23 ft
Viscosity: 4788 ft
Intermediate: 4788 ft

Chases
Run Size Gamma Survey Start End Start End
1 62.80 ft 67.42 ft 161 ft 1190 ft 1-10-2013 1-1-2019
2 62.80 ft 67.42 ft 161 ft 1190 ft 1-10-2013 1-1-2019
3 62.80 ft 67.42 ft 161 ft 1190 ft 1-10-2013 1-1-2019
4 62.80 ft 67.42 ft 161 ft 1190 ft 1-10-2013 1-1-2019
5 62.80 ft 67.42 ft 161 ft 1190 ft 1-10-2013 1-1-2019
6 62.80 ft 67.42 ft 161 ft 1190 ft 1-10-2013 1-1-2019
7 62.80 ft 67.42 ft 161 ft 1190 ft 1-10-2013 1-1-2019
8 62.80 ft 67.42 ft 161 ft 1190 ft 1-10-2013 1-1-2019
9 62.80 ft 67.42 ft 161 ft 1190 ft 1-10-2013 1-1-2019
10 62.80 ft 67.42 ft 161 ft 1190 ft 1-10-2013 1-1-2019

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.

