

Company: PDC Energy Inc

Well Name: Thistle Down 31H-312

API: 05423456000

County/Parish: WELD

State: COLORADO

Country: USA

Job Number: 152-180

Field: Waterberg

Rig Id: Ensign 152

Survey Company: Ensign Directional

DDT: Jesus Salgado

DDC: Brian Hansen

MDD: Ryan Plue

MWD: Paul Wilson

Log measurements: Gamma, RCP

Depth measured from: 1690 ft

Start: 0 ft

End: 12393 ft

Maximum temperature: 219.2

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Depth measured from: 1690 ft

Start: 0 ft

End: 12393 ft

Maximum temperature: 219.2

Casing: Depth: 9.56'

Size: Density: 10.4

Surface: 251 ft

Viscosity: 39

Rate: 4627 ft

GL: 4634 ft

Run	Bit Size	Gamma	Survey	Depth	End	Start	Dates	End
1	12.25"	63.25 ft	58.42 ft	2553 ft	12833 ft	12,272,207.8	12-25-2018	12-25-2018
2	8.5"							
3								
4								
5								
6								
8								
9								
10								

