Thistle Down 31I-302

TVD
2":100’

Company: PDC Energy Inc
Well Name: Thistle Down 31I-302
API: 051234545600
County/Parish: WELD
State: COLORADO
Country: USA
Job number: 152-174
Field: Wattenberg
Rig Id: Ensign 152
Survey Company: Ensign Directional
DD1 Jesus Gallego
DD2 Dan Hanson
DD3
MWD1 Ryan Prue
MWD2 Paul Wilson

Log measurements: Gamma, ROP
Depth measured from: 1676 ft
Maximum temperature: 224.6

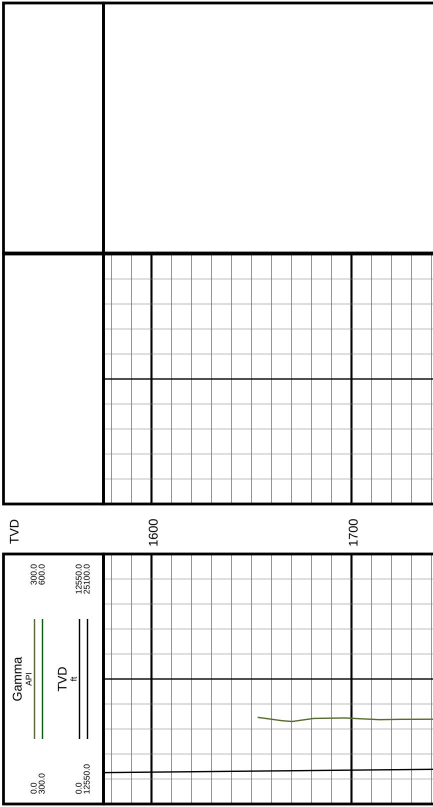
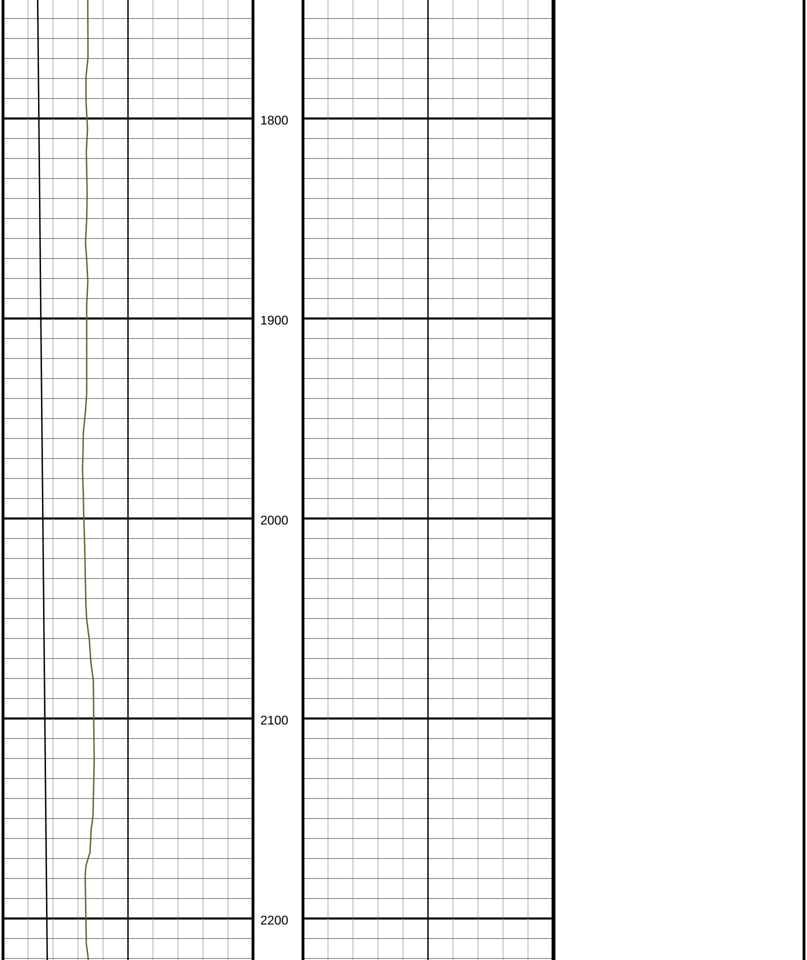
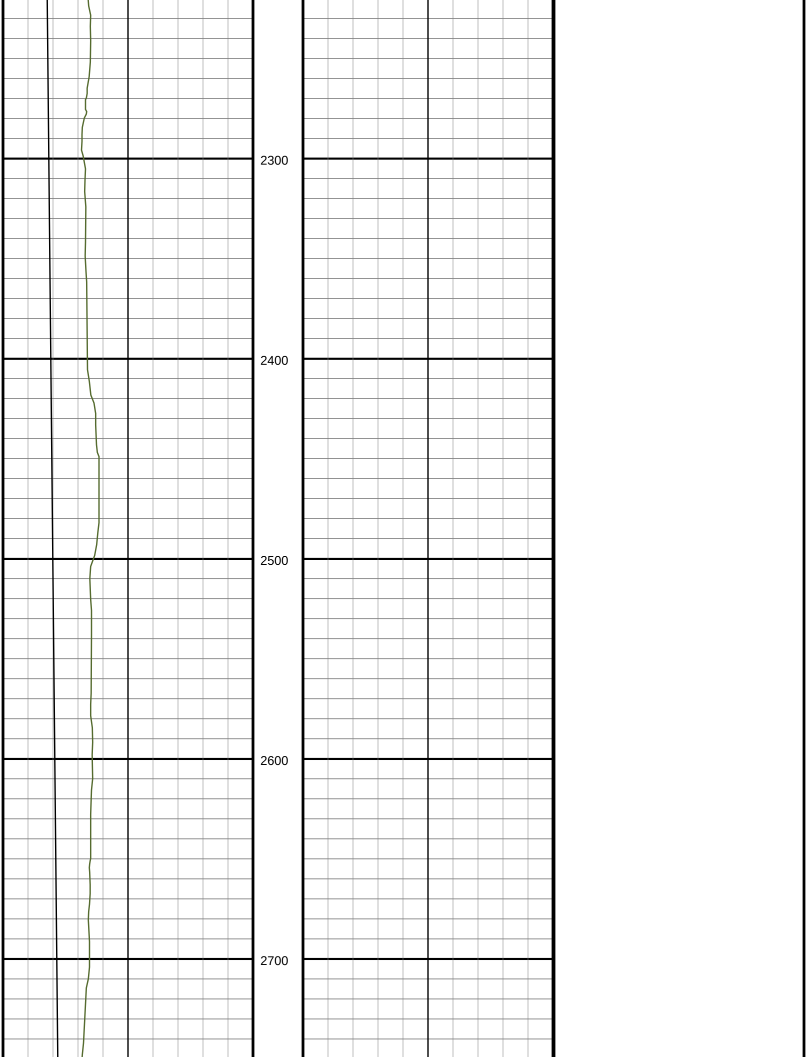
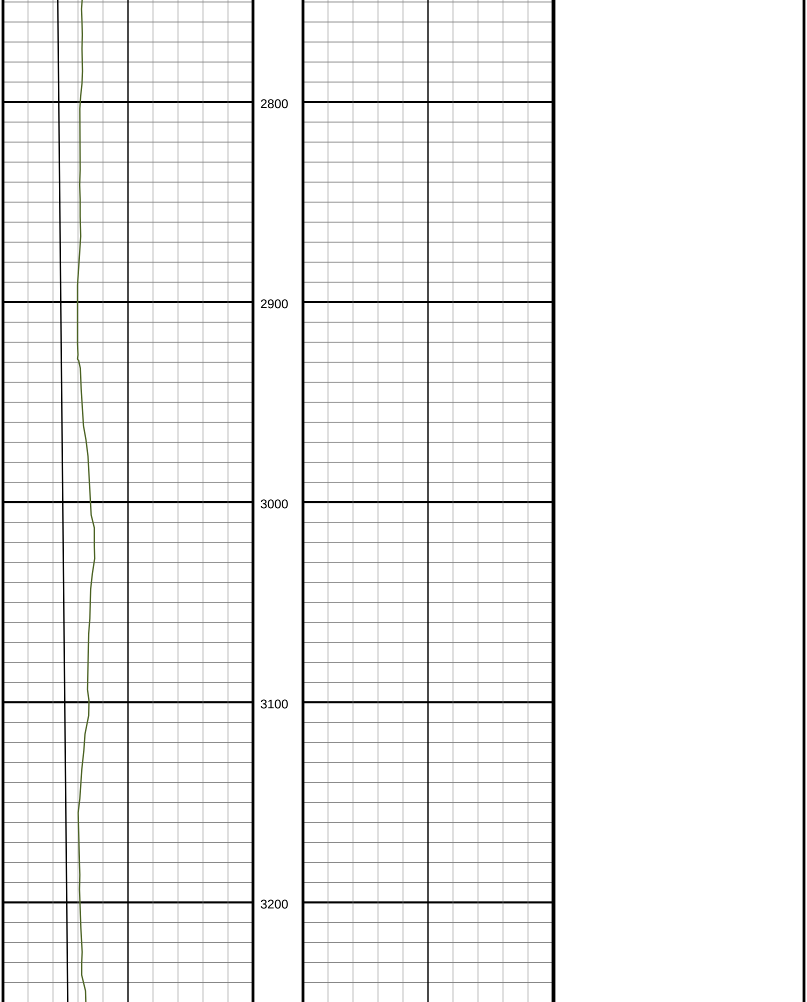
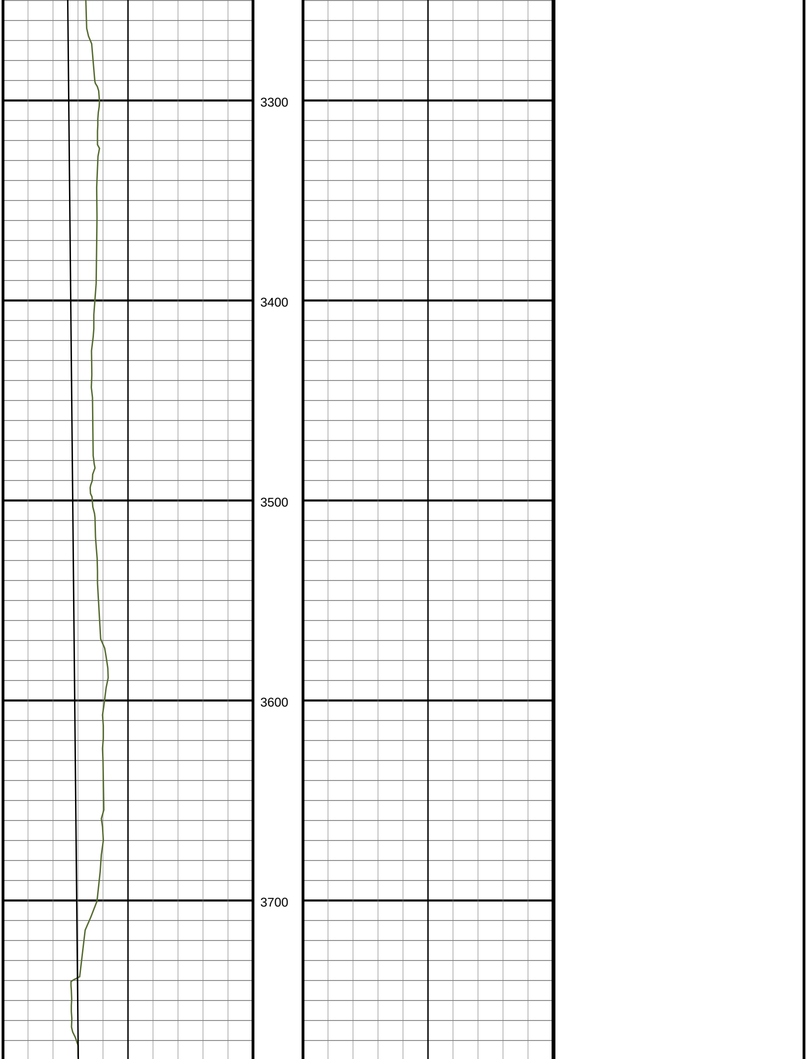
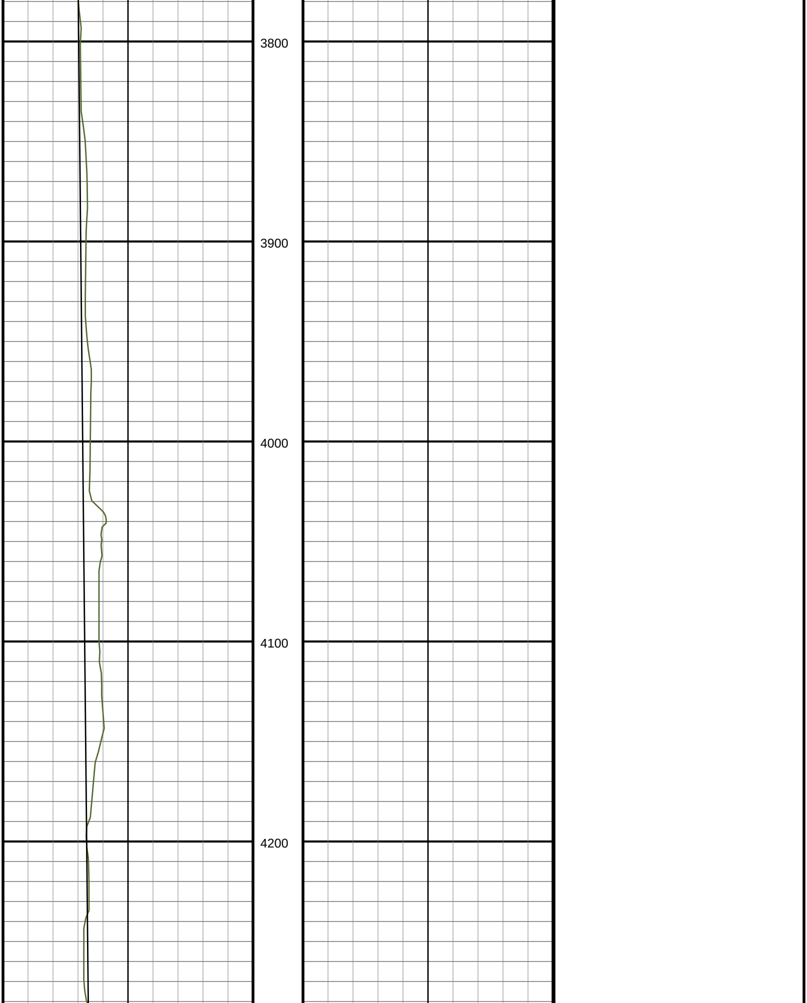
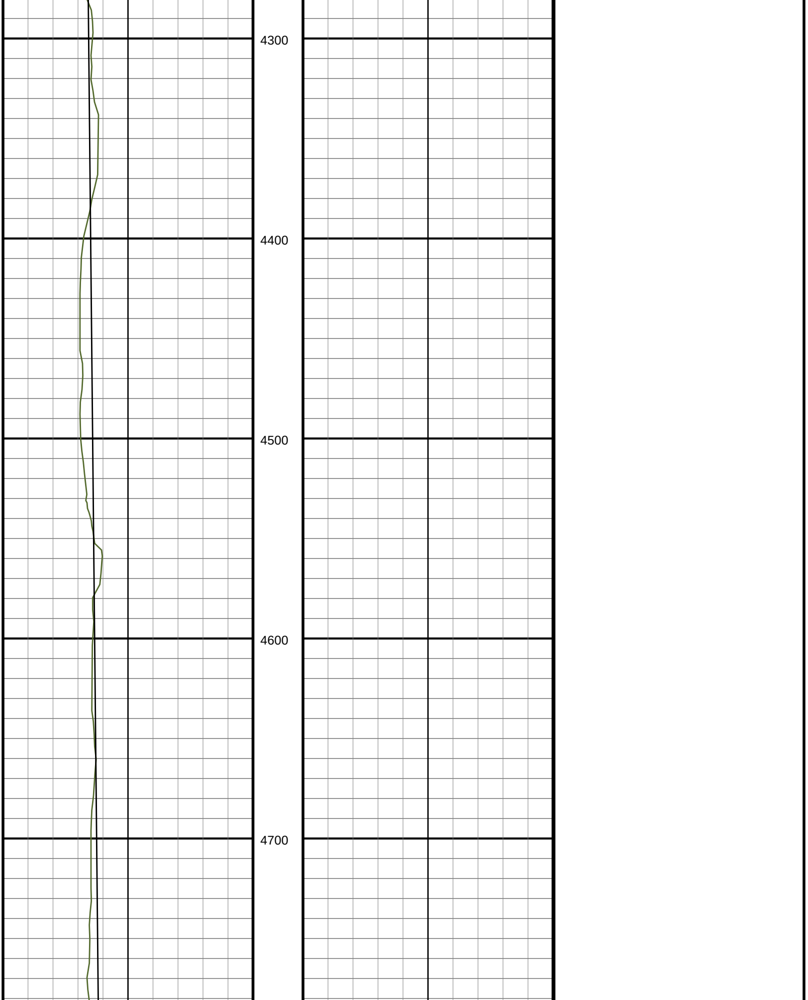
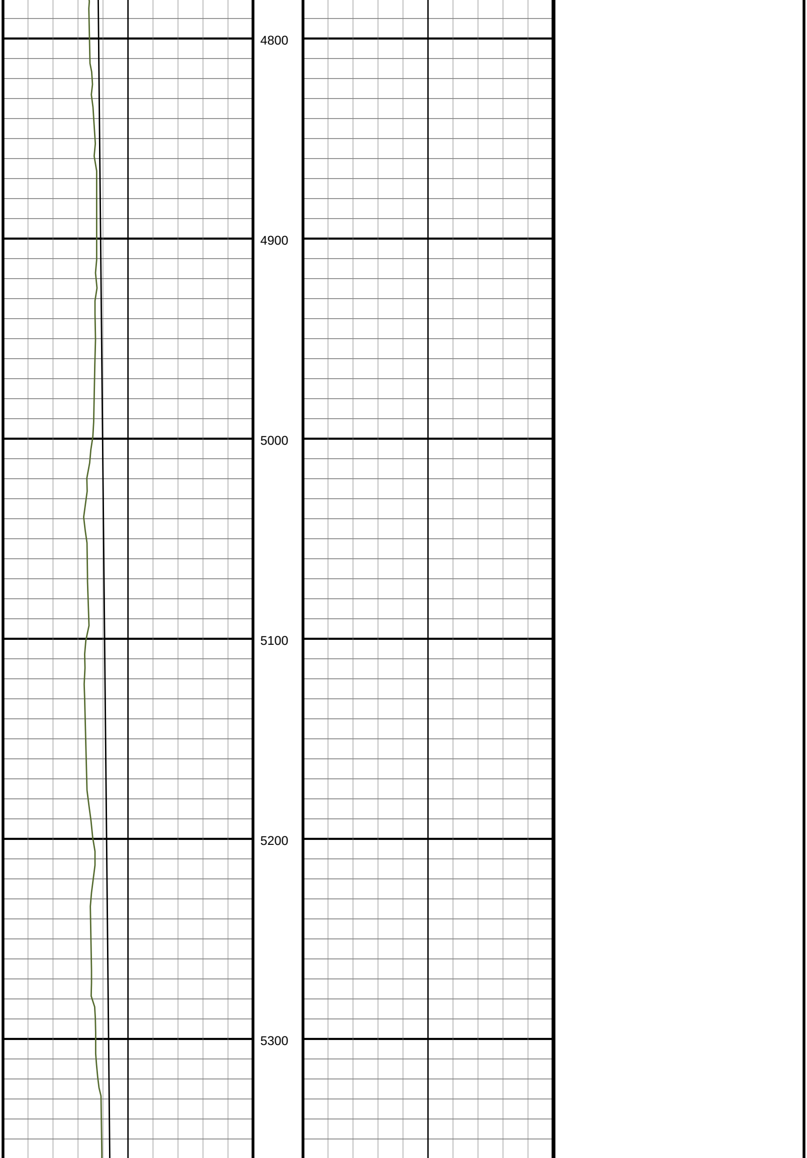
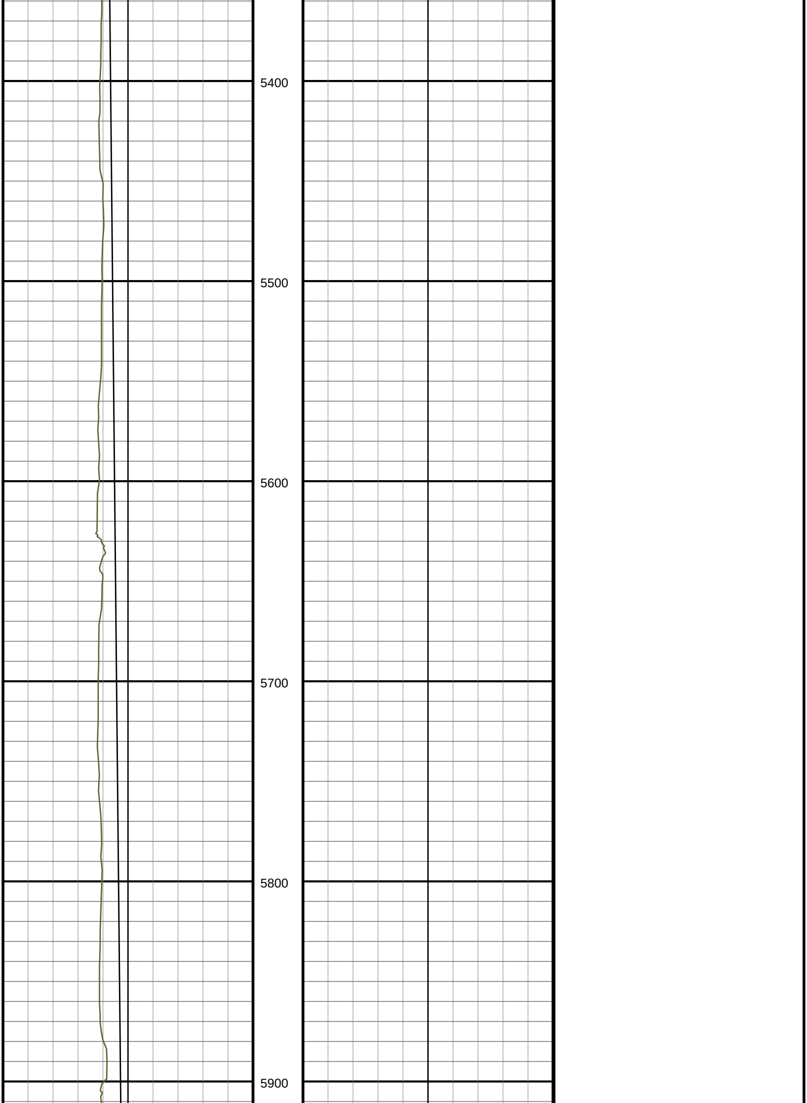
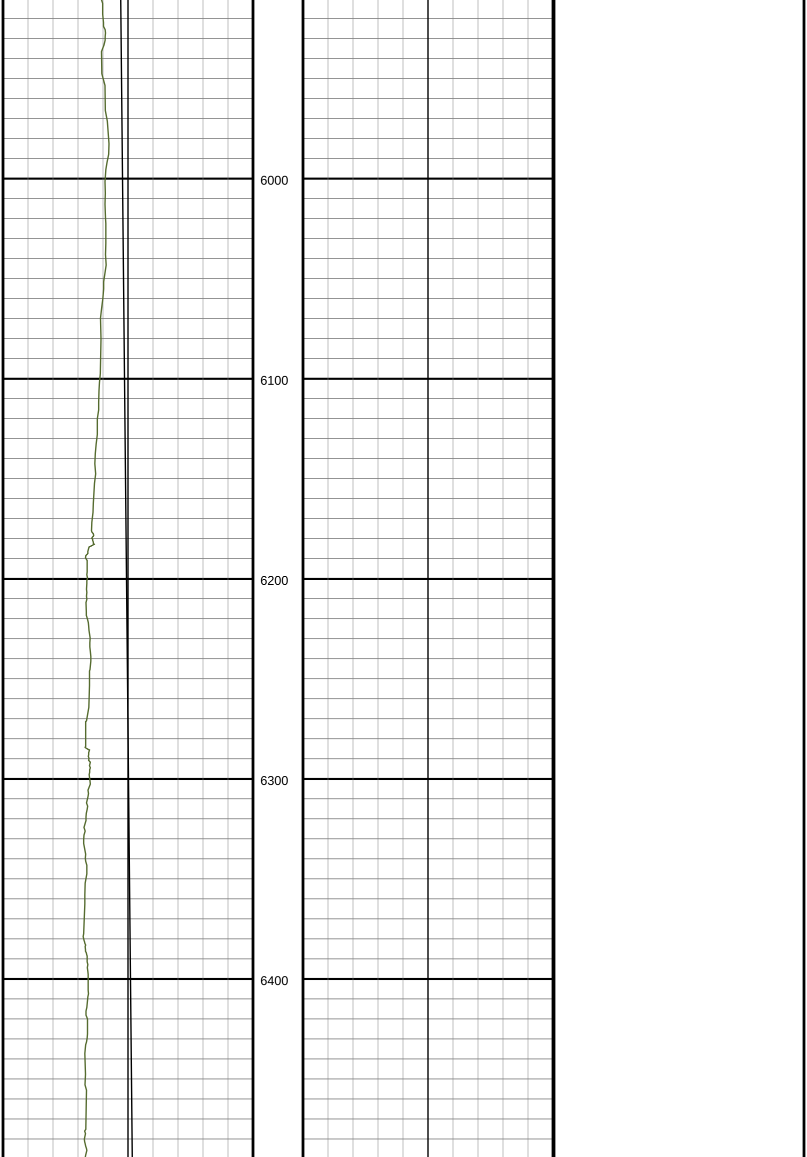
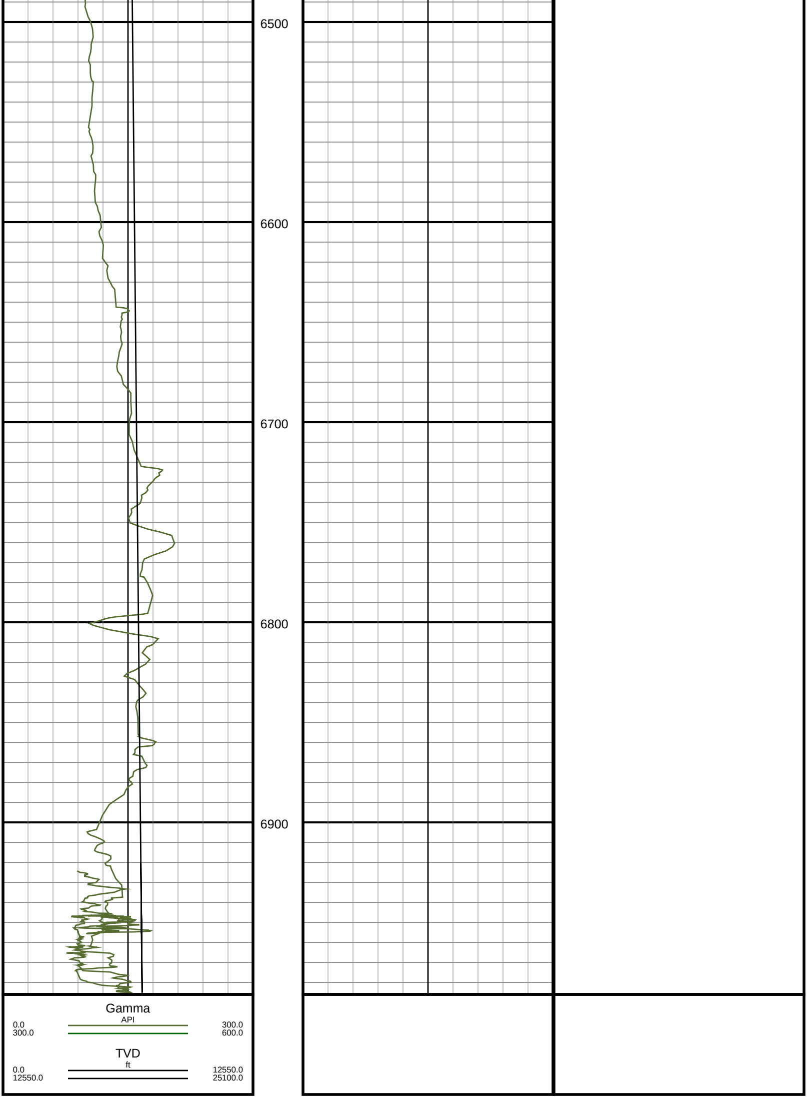
	Depth	Date
Start:	0 ft	11-26-2018
End:	13069 ft	11-30-2018

Casing	Depth	Size
Surface:	1675 ft	9 5/8"
Intermediate:		

Mud Type: Water
Density: 10.4
Viscosity: 39
Rm: **Rmf:** **Rmc:**

Elevations
KB: 23 ft
GL: 4803 ft
DF: 4826 ft

		Offsets		Depths		Dates	
Run	Bit Size	Gamma	Survey	Start	End	Start	End
1	12.25"		58.44 ft	0 ft	1685 ft	11-26-2018	11-26-2018
2	8.5"	74.26 ft	69.43 ft	1685 ft	13069 ft	11-28-2018	11-30-2018
3							
4							
5							
6							
7							
8							
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.