ENSIGN Directional

Wacker 10F-304

TVD
2":100’

Company: PDC Energy Inc
Well Name: Wacker 10F-304
API: 05123435630000
County/Parish: WELD
State: COLORADO
Country: USA
Job number: 207-152-84
Field: Wattenberg
Rig Id: Ensign 152
Survey Company: Ensign Directional
DD1 Jesus Gallegos
DD2 Dan Hanson
DD3 Joe Edgerton
MWD1 Louie Ascione
MWD2 Richard Stahl
MWD3 Ryan Prue
MWD4

Log measurements: Gama, ROP
Depth measured from: RKB ft
Maximum temperature:

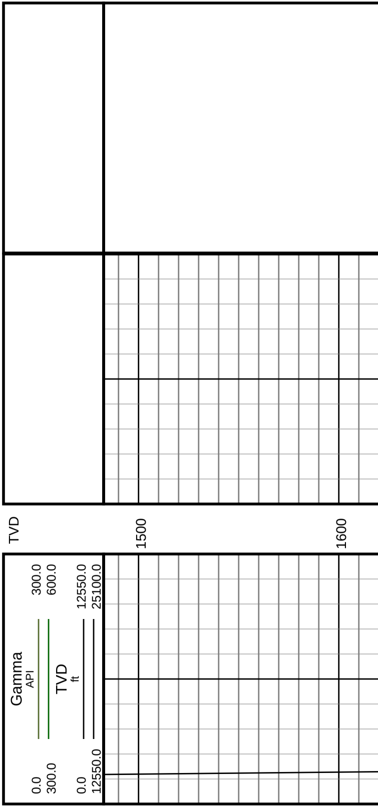
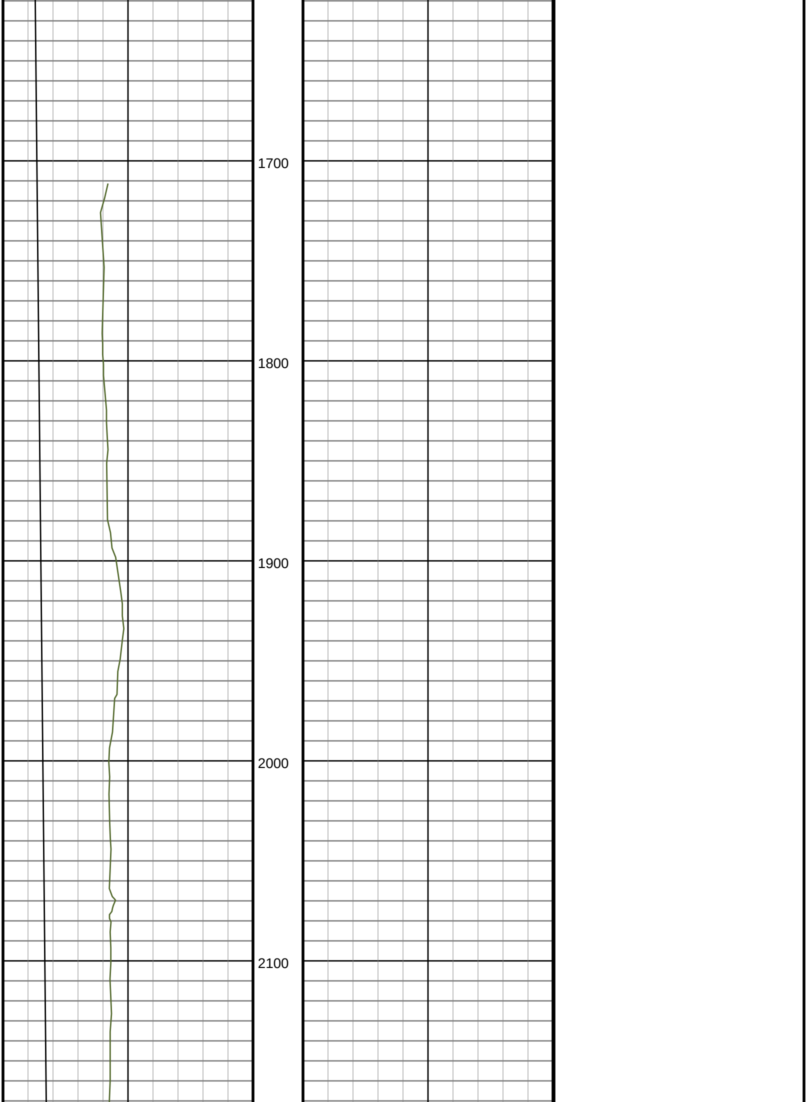
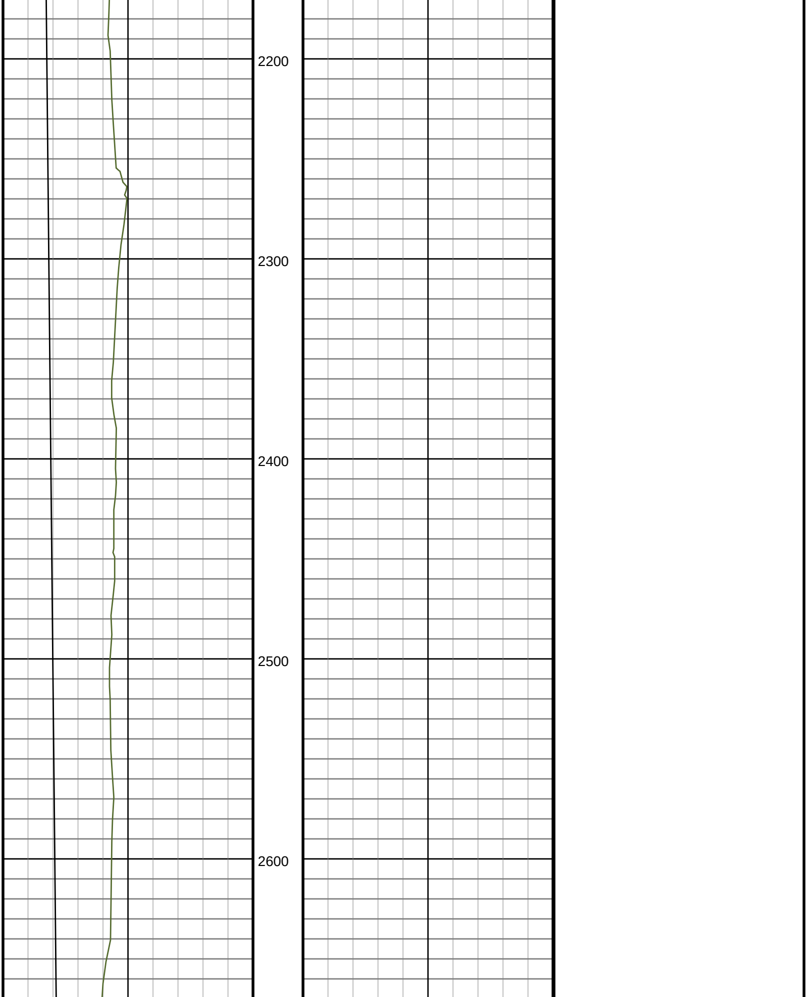
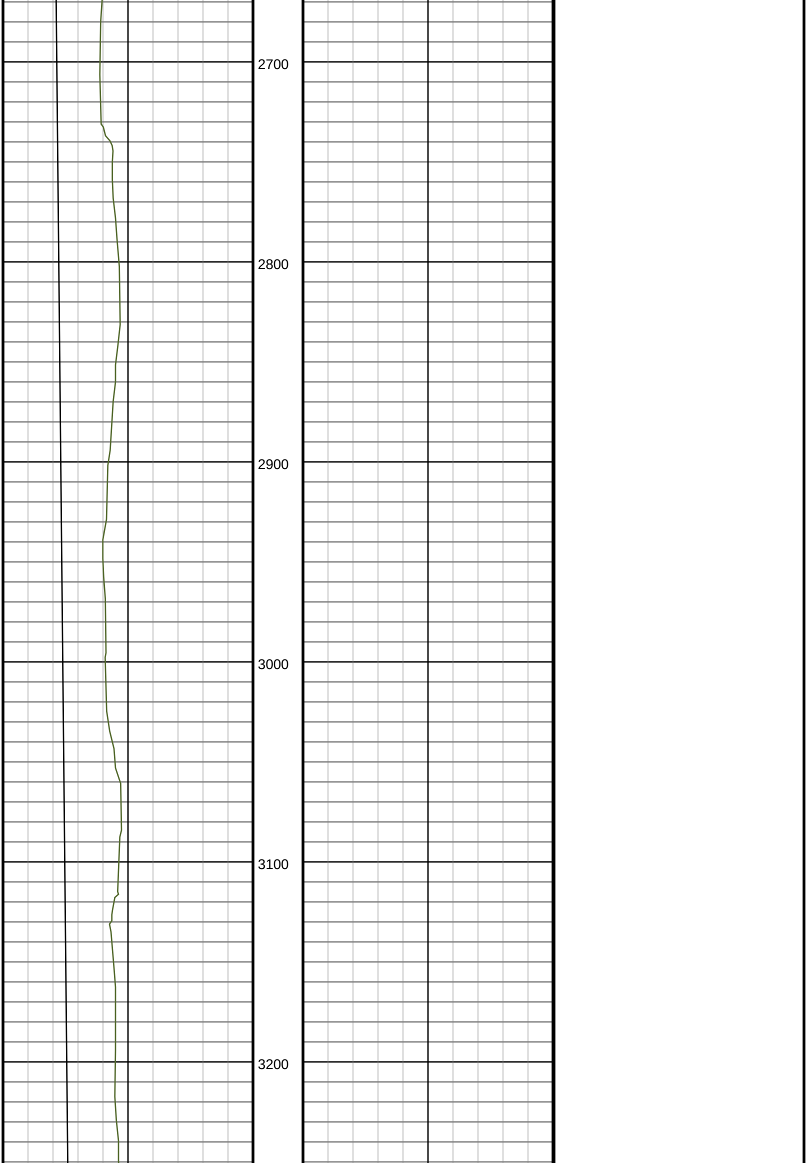
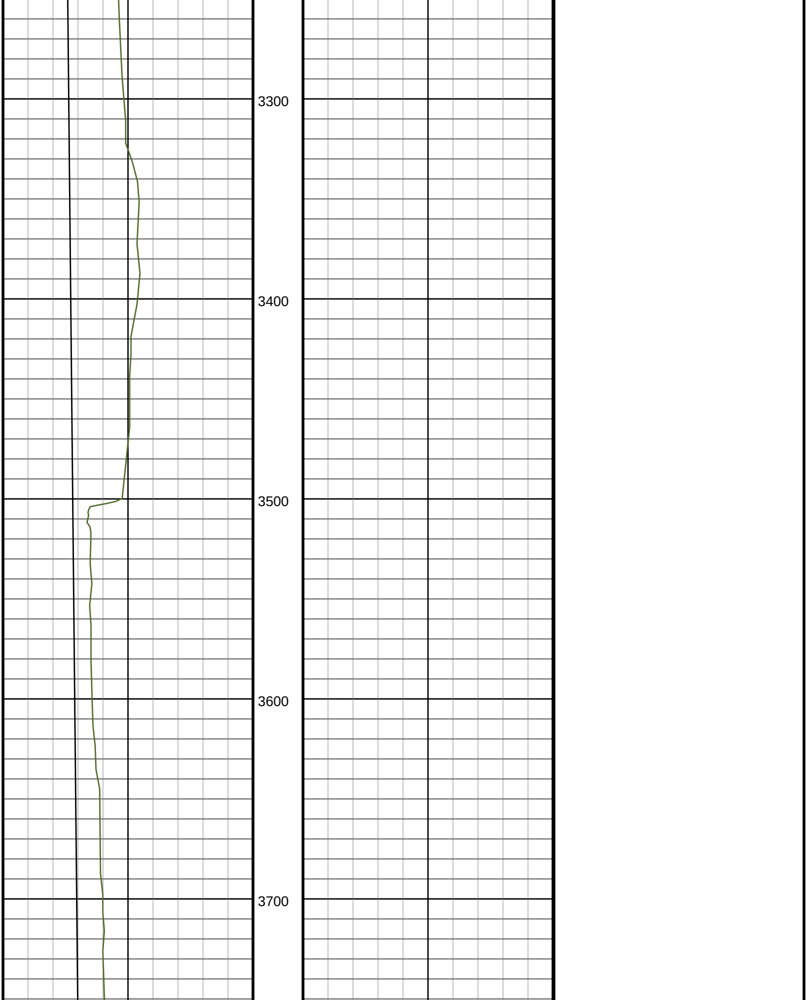
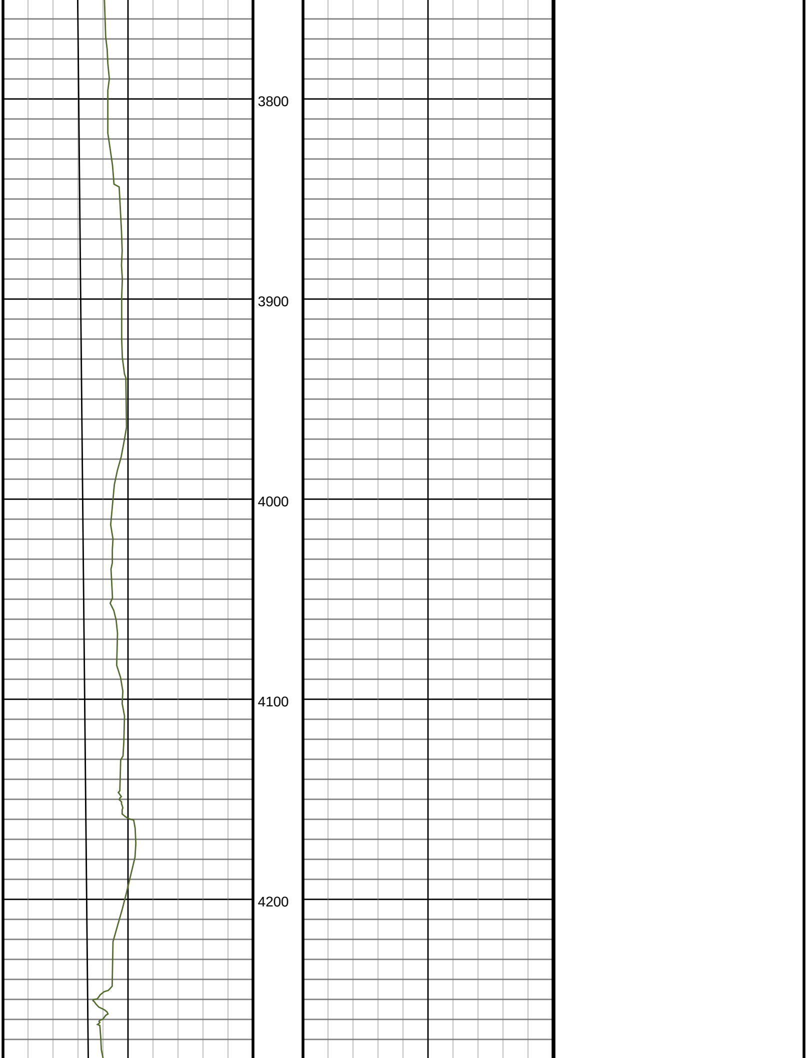
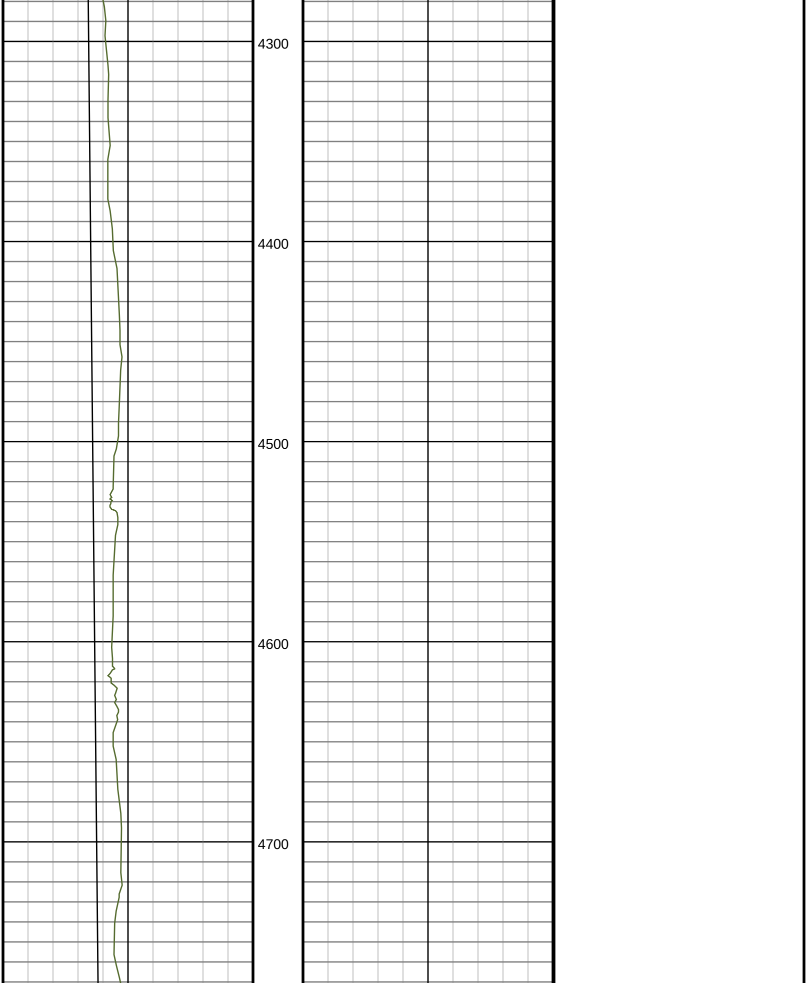
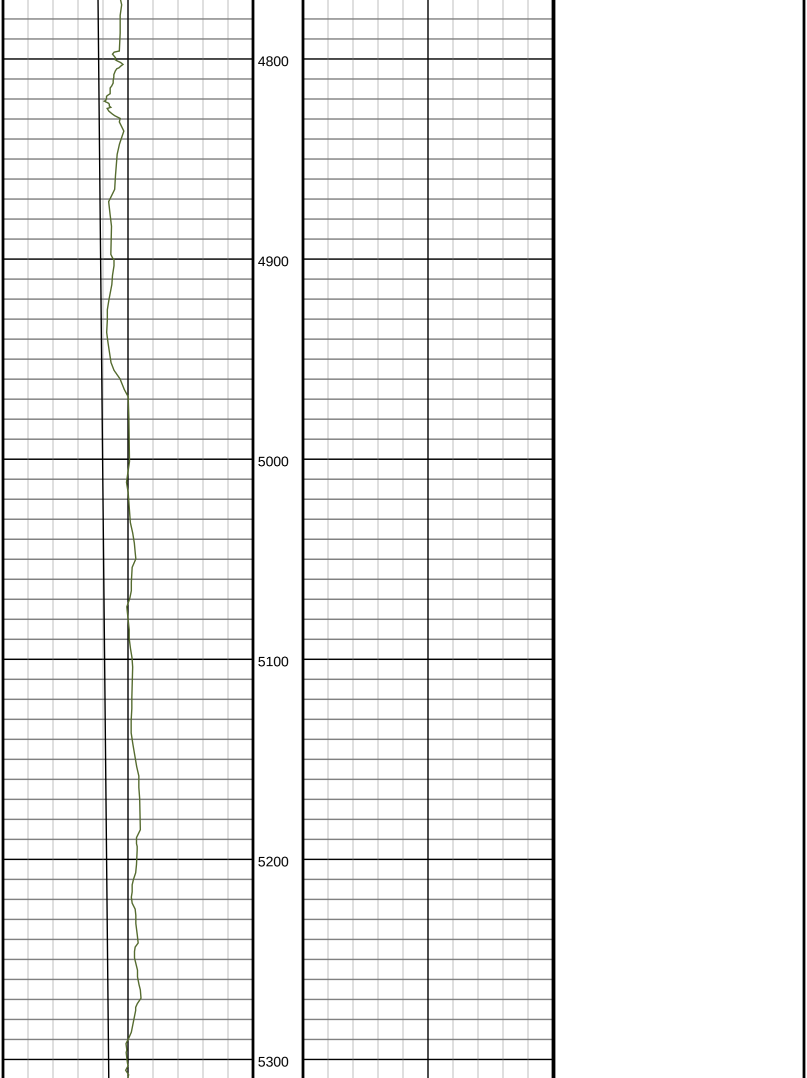
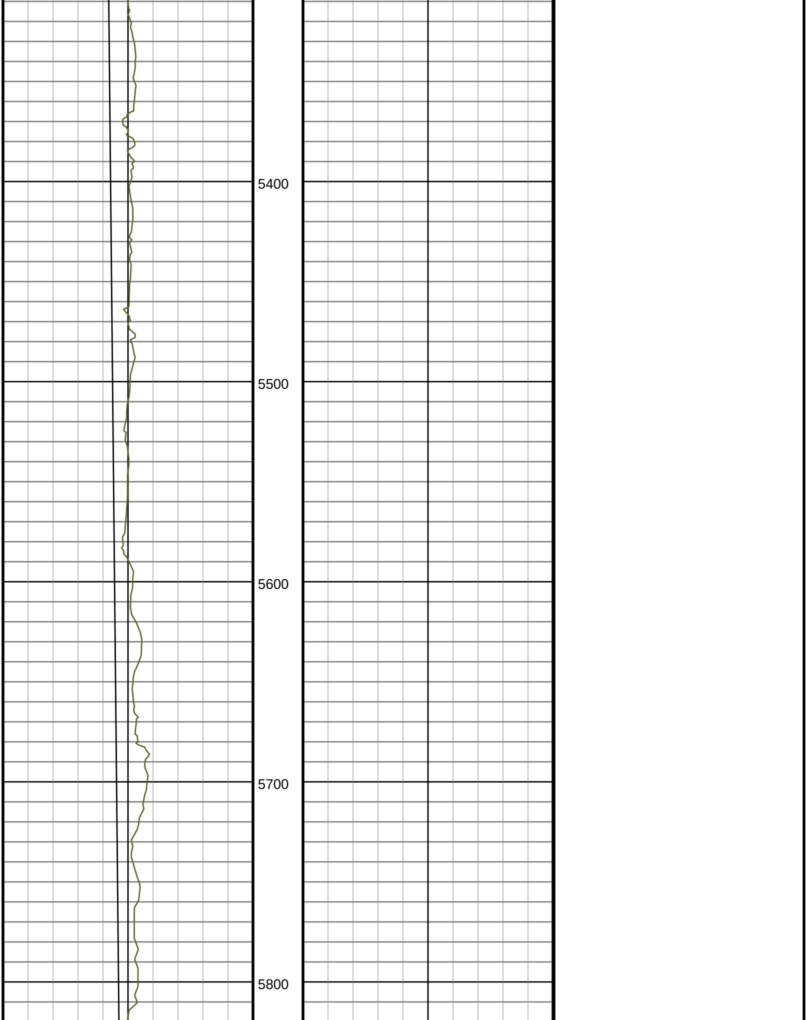
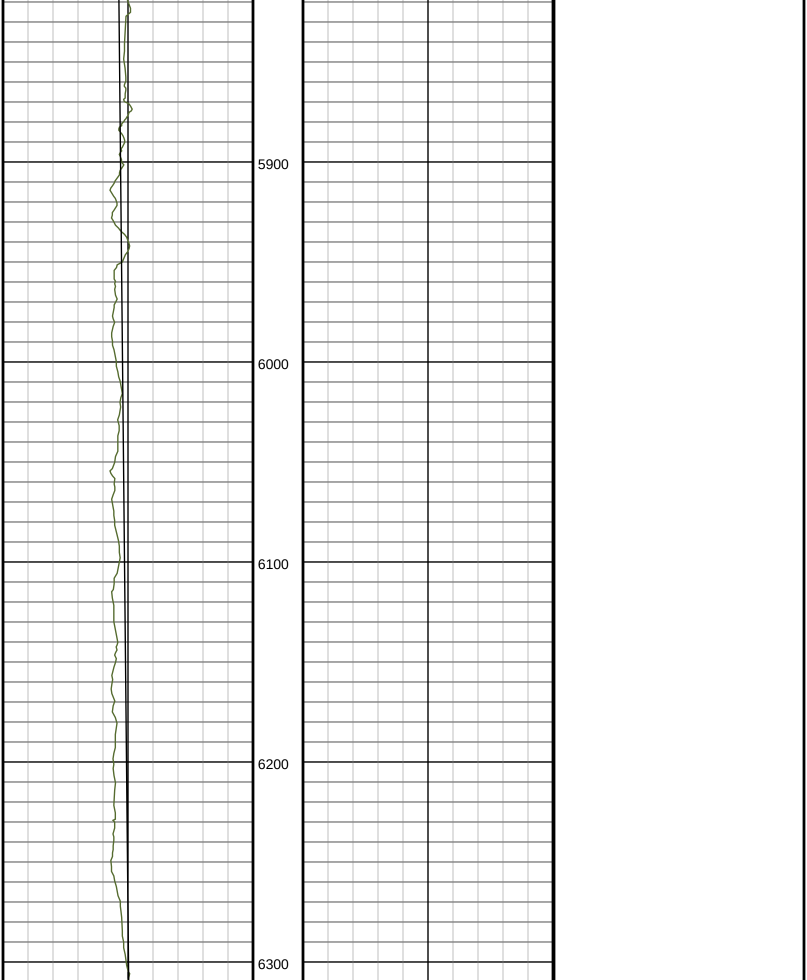
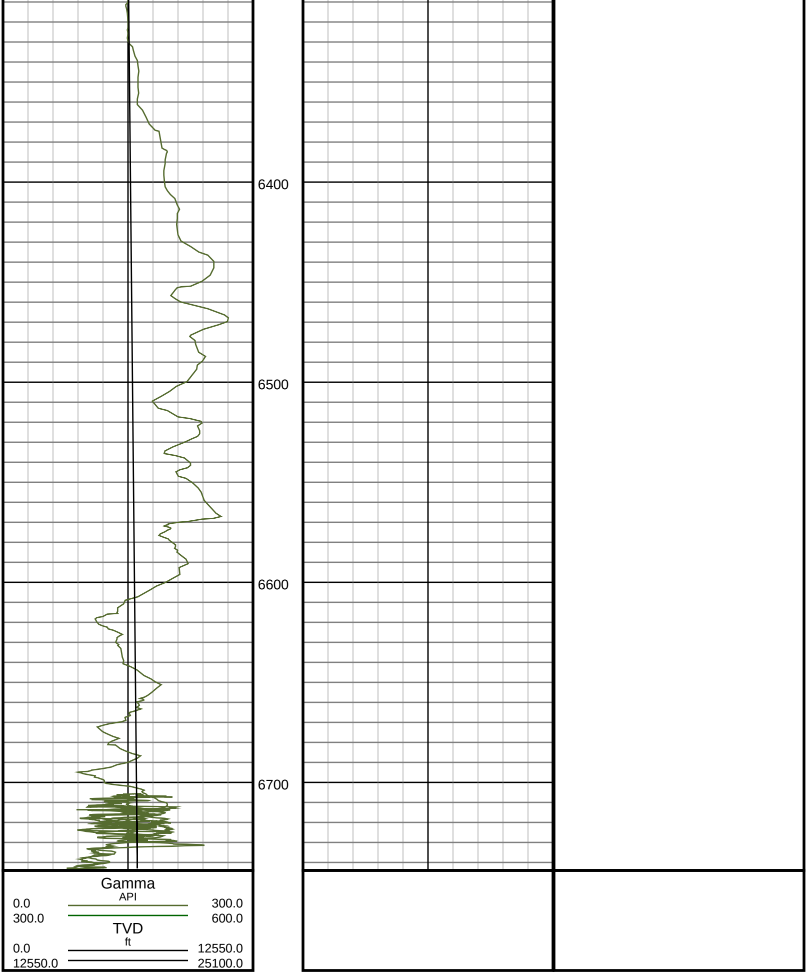
	Depth	Date
Start:	0 ft	05/20/2017
End:	14991 ft	05/21/17

Casing	Depth	Size
Surface:	1655 ft	9 5/8"
Intermediate:		8.5"

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

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

		Offsets		Depths		Dates	
Run	Bit Size	Gamma	Survey	Start	End	Start	End
1	12.25"		60.49 ft	0 ft	1665 ft	05/20/2017	05/20/17
2	8.5"	61.93 ft	56.93 ft	1665 ft	14991 ft	05/21/17	05/24/17
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.