ENSIGN Directional

Spaur 10T-241

TVD
2":100’

Company: Petroleum Development Corp.
Well Name: Spaur 10T-241
API: 05-123-42335
County/Parish: WELD
State: COLORADO
Country: USA
Job number:
Field: DJ BASIN
Rig Id: Ensign 152
Survey Company: Ensign Directional
DD1 Jesus Gallegos
DD2 Dan Hanson
DD3 Joe Edgerton
MWD1 Matt Brokaw
MWD2 Kabel Skelton
MWD3 Tyler Teague
MWD4 Matt Mason

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

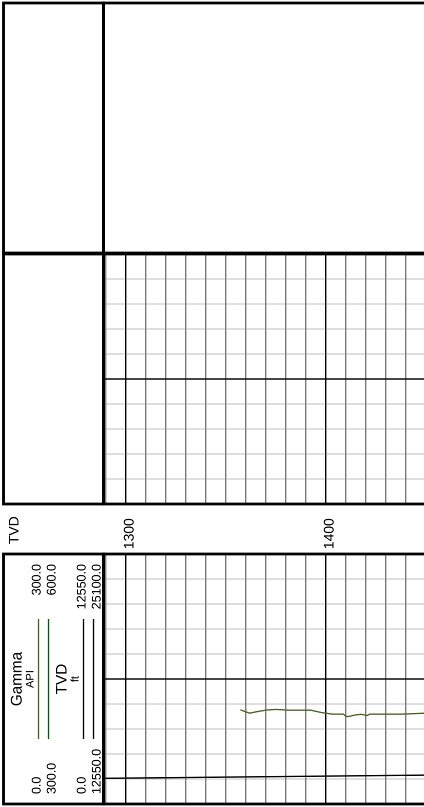
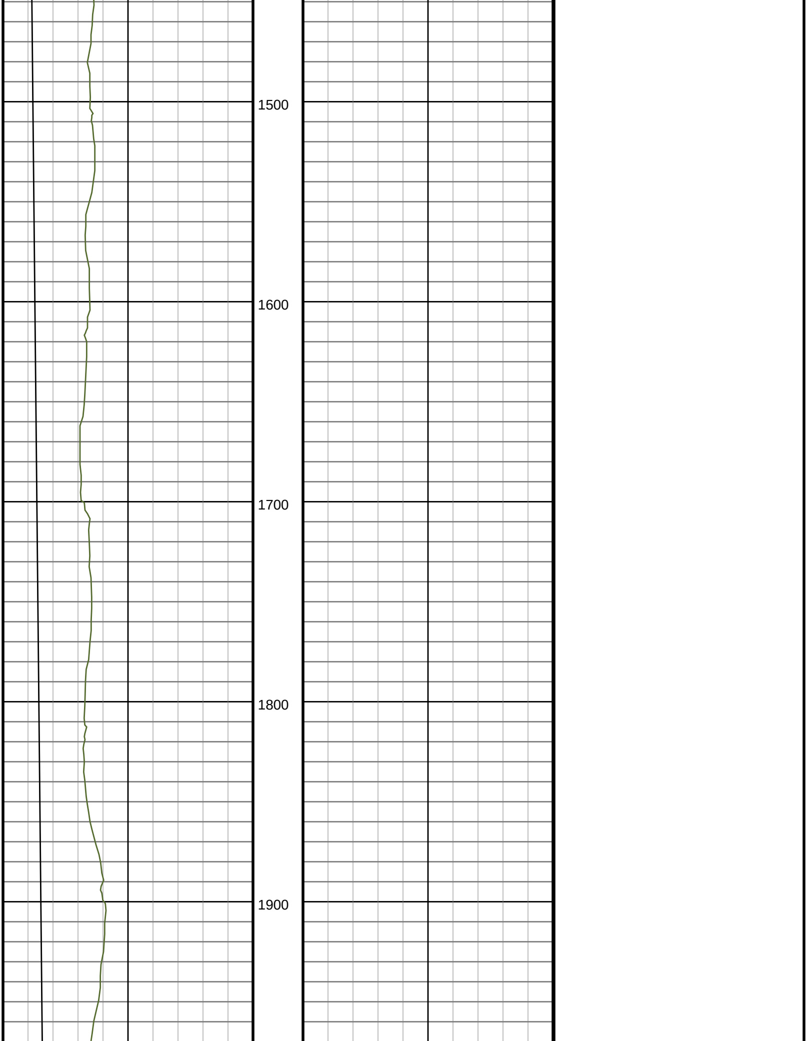
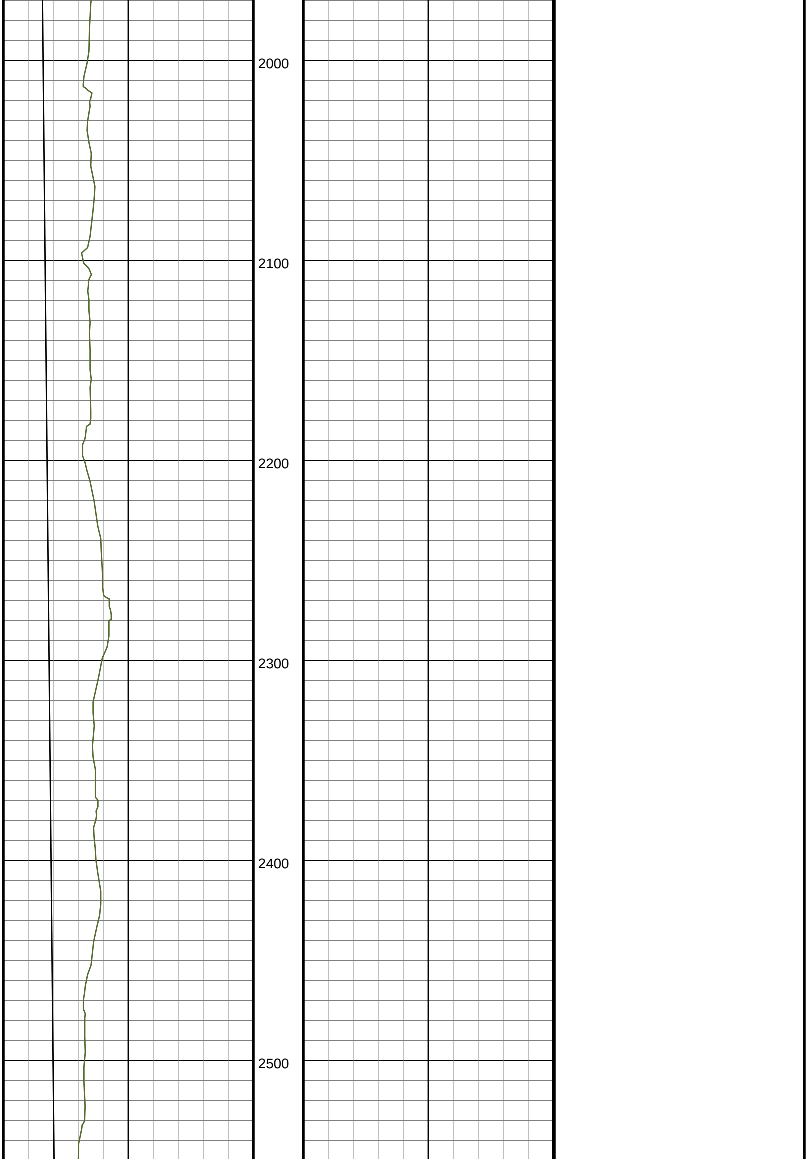
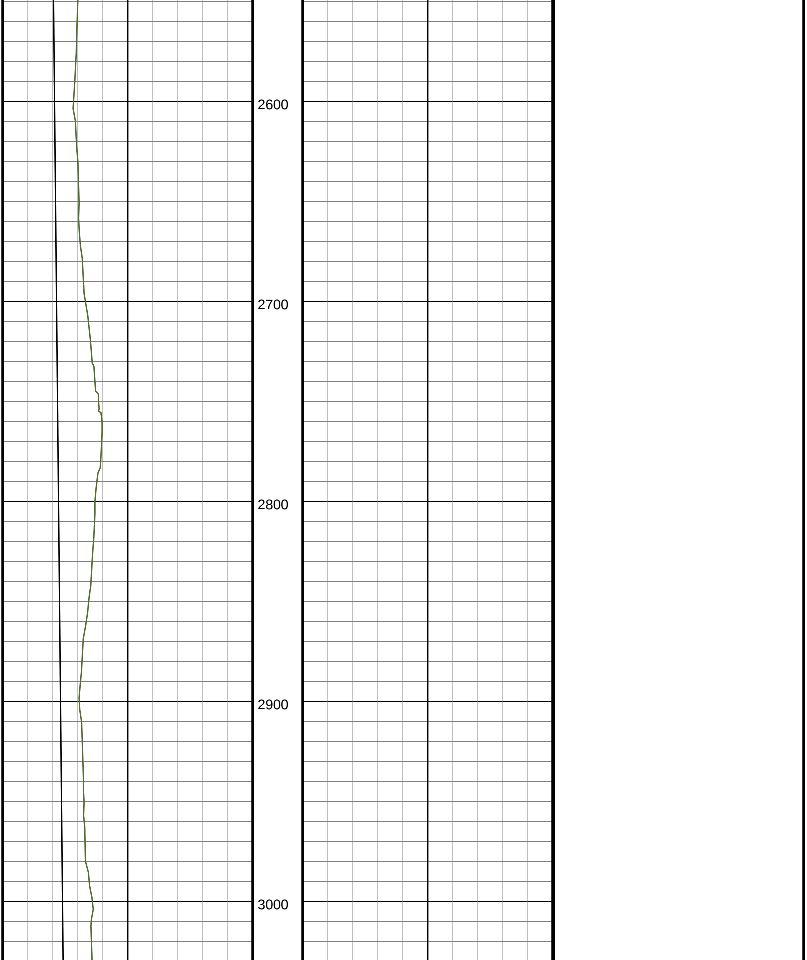
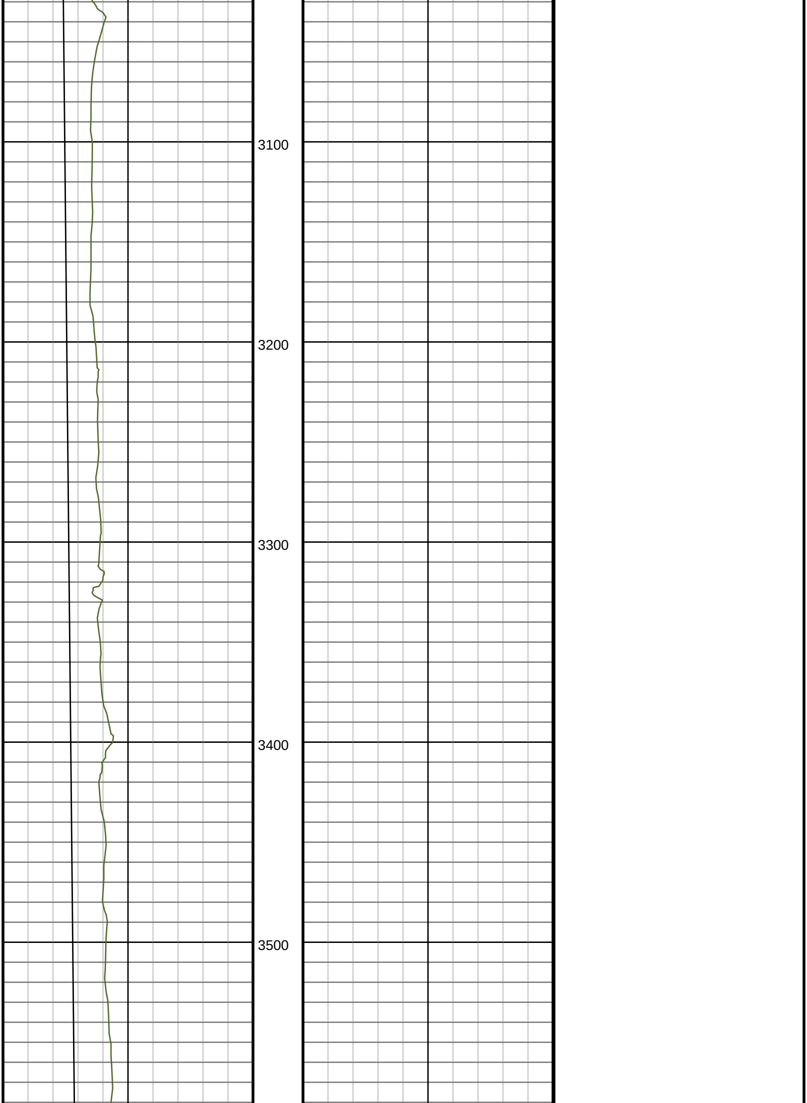
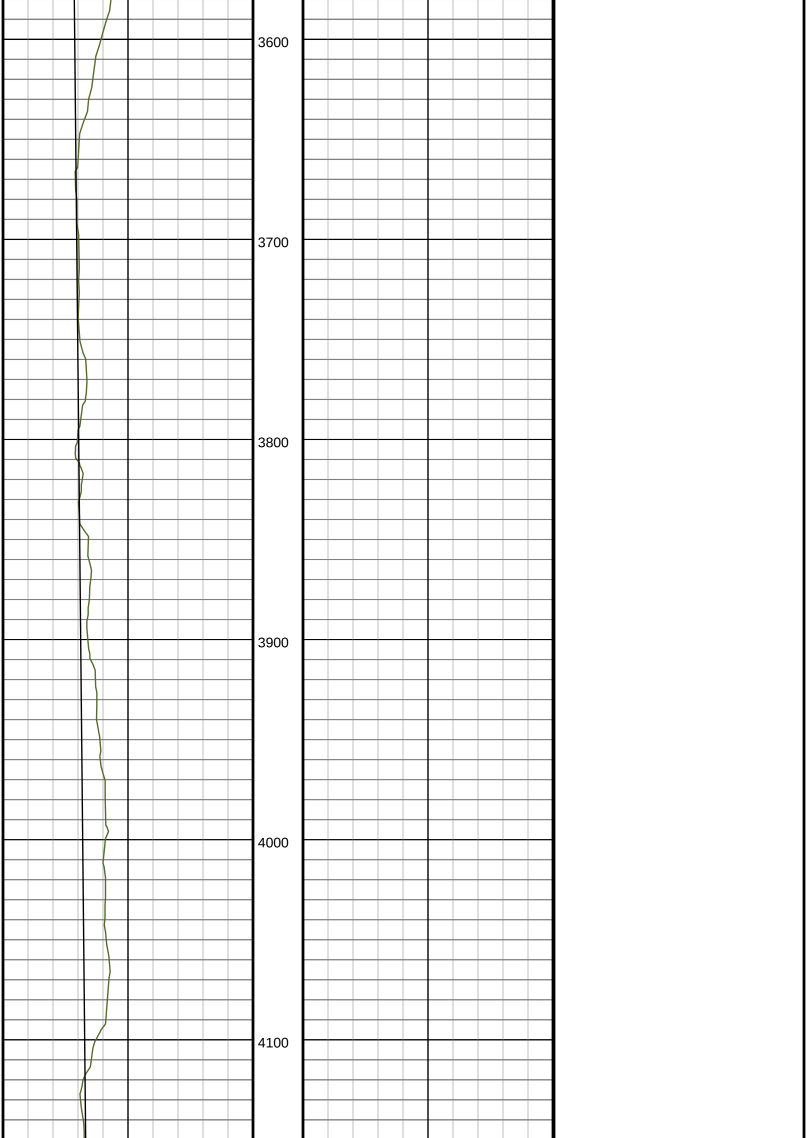
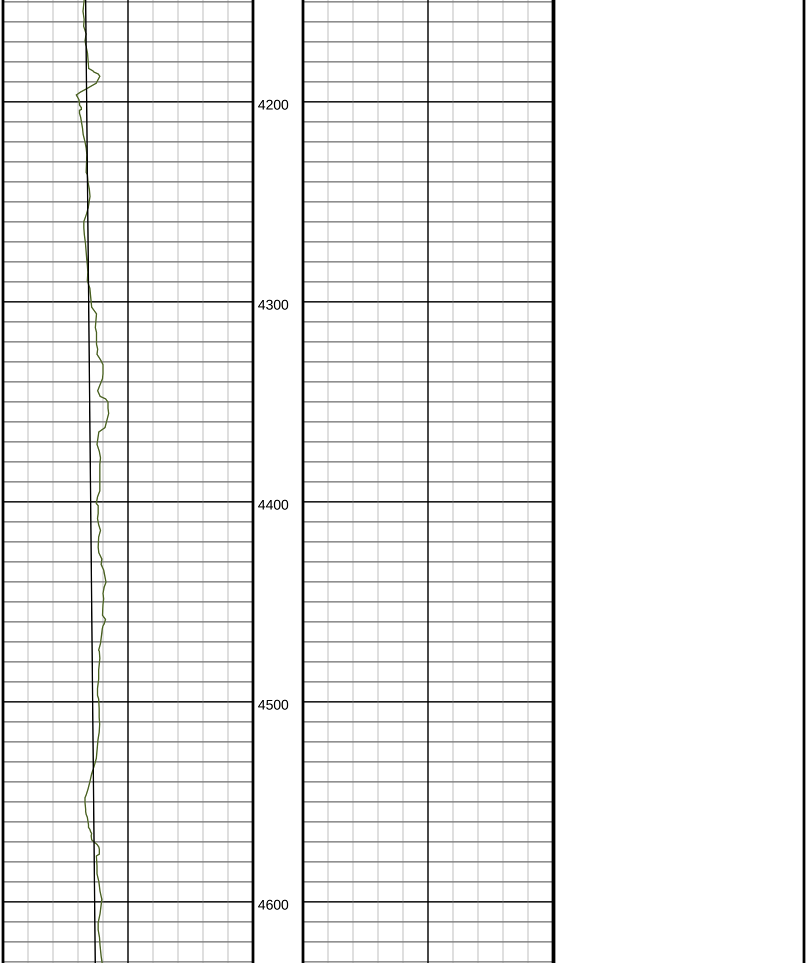
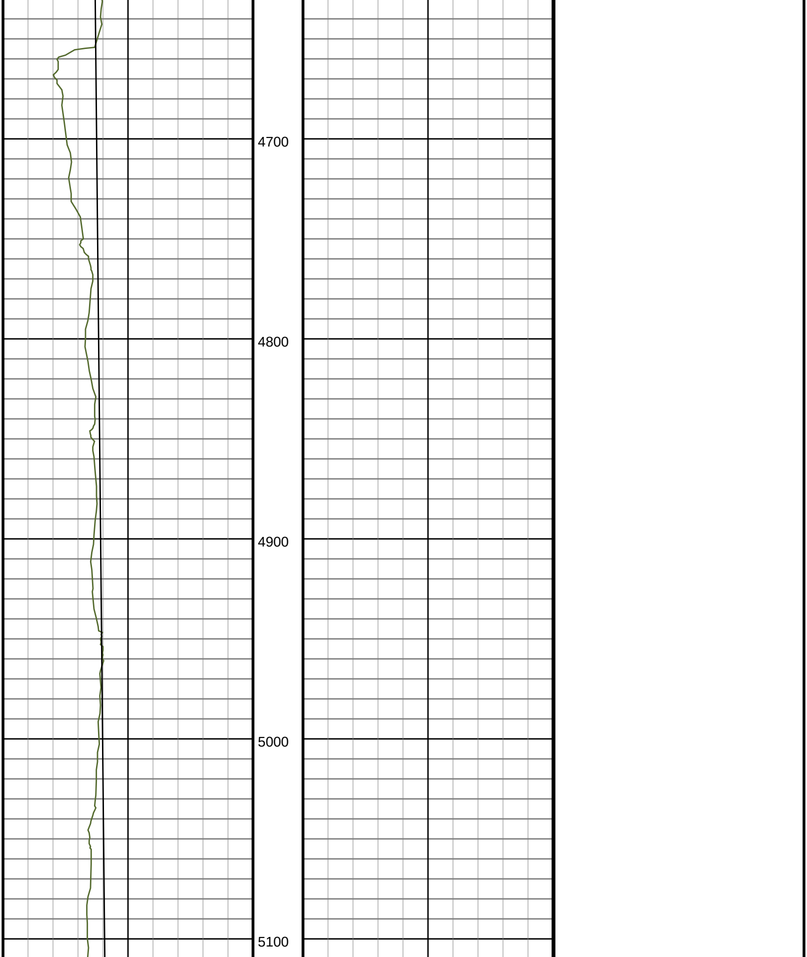
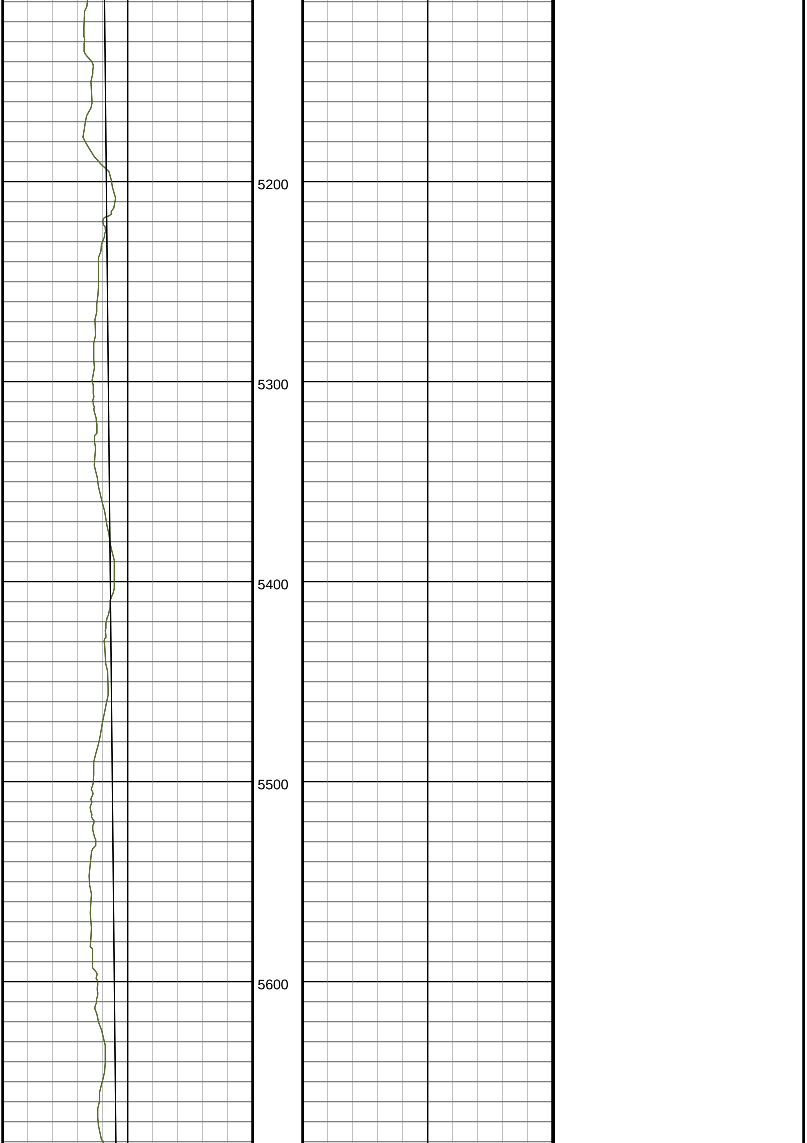
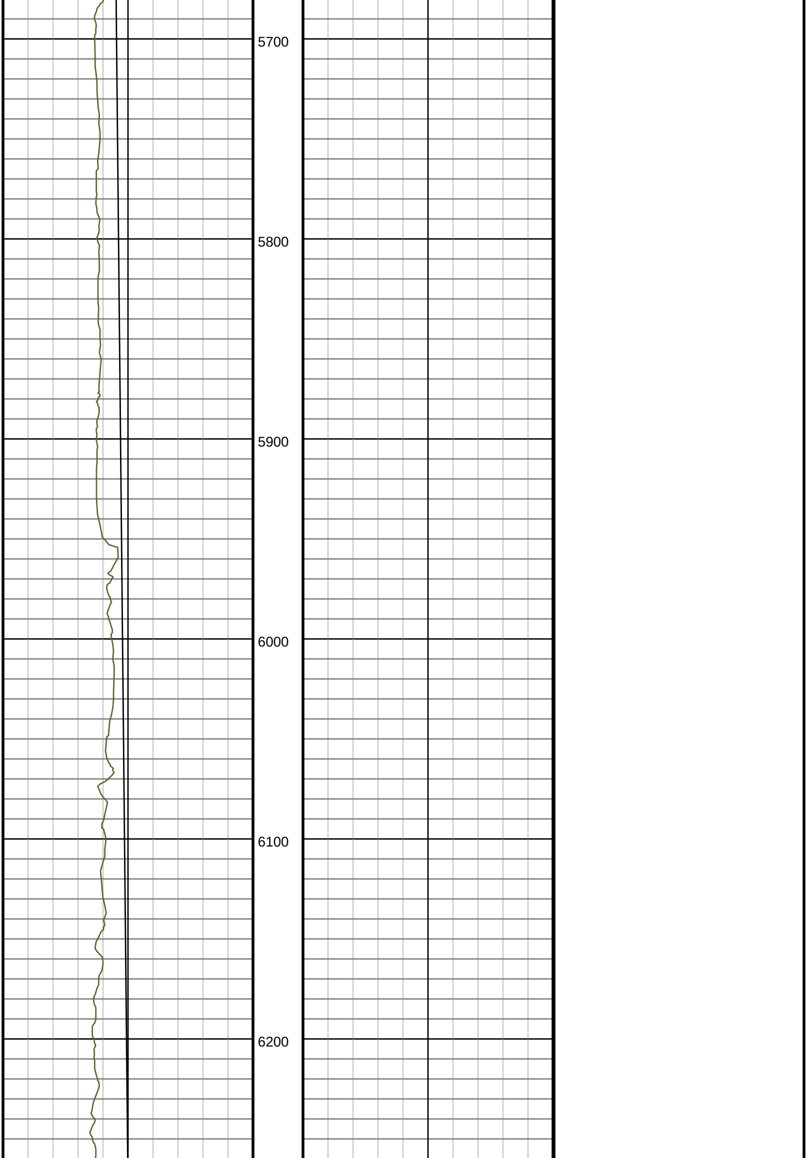
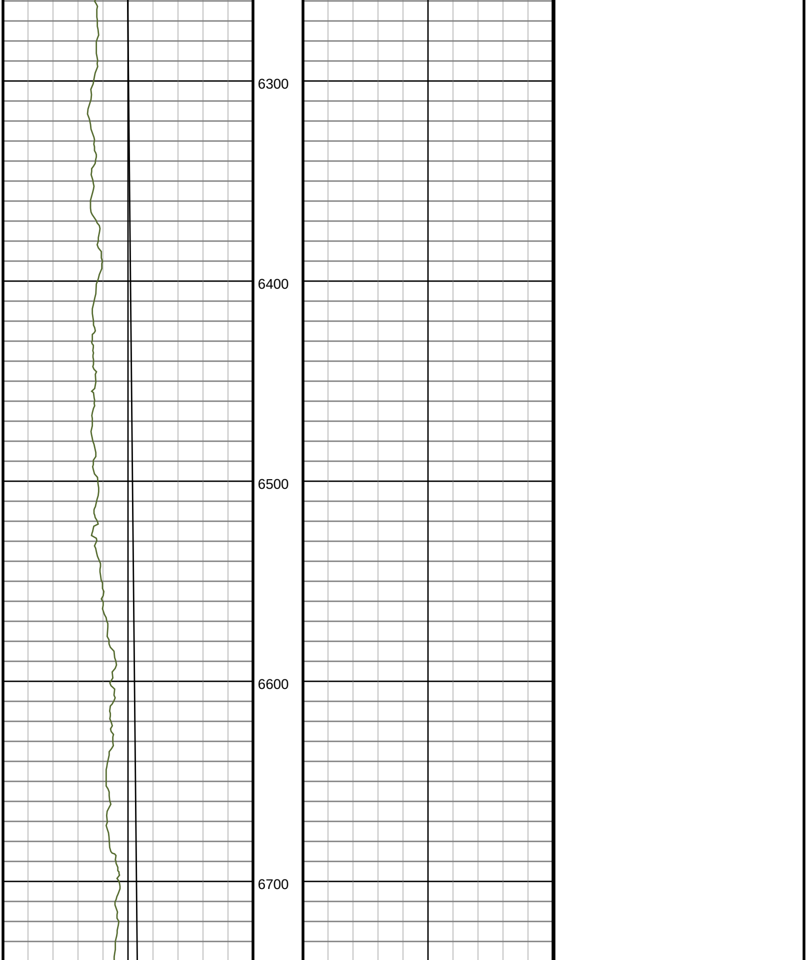
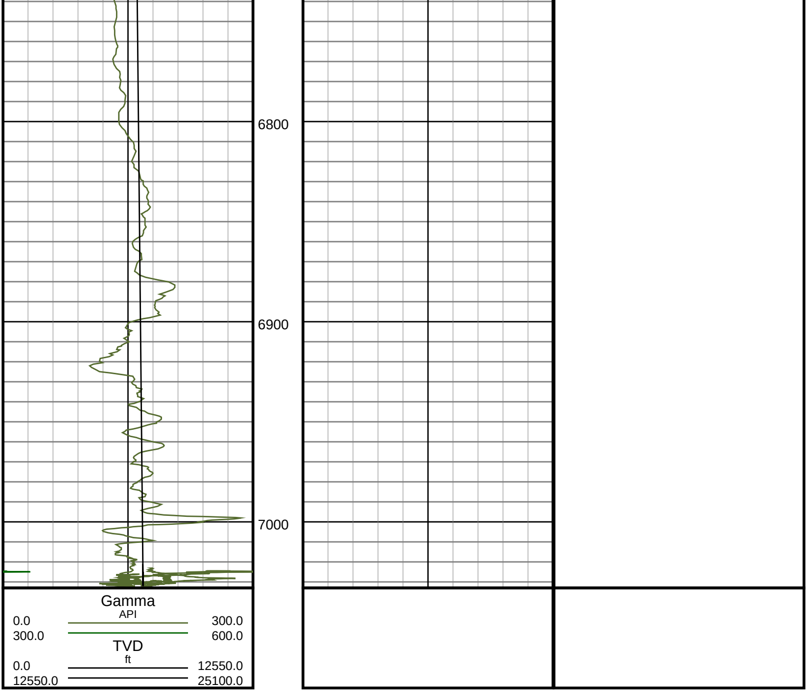
	Depth	Date
Start:	0 ft	3/18/2016
End:	11545 ft	3/23/2016

Casing	Depth	Size
Surface:	1333 ft	9 5/8"
Intermediate:		

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

Elevations
KB: 4853 ft
GL: 4830 ft
DF: 4853 ft

		Offsets		Depths		Dates	
Run	**Bit Size**	**Gamma**	**Survey**	**Start**	**End**	**Start**	**End**
1	12.25"		55.52 ft	0 ft	1345 ft	3/18/16	3/18/16
2	8.5"	51.25 ft	48.25 ft	1345 ft	4573 ft	3/19/16	3/20/16
3	8.5"	51.49 ft	48.99 ft	4573 ft	11545 ft	3/20/16	3/23/16
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.