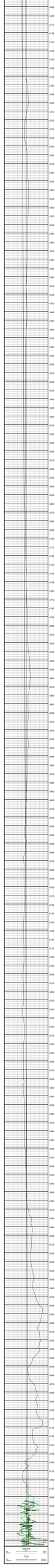

ENSIGN

Fern 11V-334

TVD
5":100'

Company: PDC Energy Inc
Well Name: Fern 11V-334
API: 051234458400
County/Parish: WELD
State: COLORADO
Country: USA
Job number: 152-130
Field: Wattenberg
Rig Id: Ensign 152
Survey Company: Ensign Directional
DD1 Jesus Gallego
DD2 Dan Hanson
DD3 Joe Edgerton
MWD1 Justin Klatt
MWD2 Chad Anderson
MWD3

Log measurements: Gamma, ROP
Depth measured from: 1638 ft
Maximum temperature:

	Depth	Date
Start:	0 ft	3-18-2018
End:	15,175 ft	3-21-2018

Casing	Depth	Size
Surface:	1638 ft	9 5/8"
Intermediate:		

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

Elevations
KB: 23 ft
GL: 4619 ft
DF: 4642 ft

Run	Bit Size	Offsets		Depths		Dates	
		Gamma	Survey	Start	End	Start	End
1	12.25"		58.74 ft	0 ft	1650 ft	3-18-2018	3-18-2018
2	8.5"	62.55 ft	57.72 ft	1650 ft	15,175 ft	3-19-2018	3-21-2018
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.

5090
5100
5110
5120
5130
5140
5150
5160
5170
5180
5190
5200
5210
5220
5230
5240
5250
5260
5270
5280
5290
5300
5310
5320
5330
5340
5350
5360
5370
5380
5390
5400
5410
5420
5430
5440
5450
5460
5470
5480
5490
5500
5510
5520
5530
5540
5550
5560
5570
5580
5590
5600
5610
5620
5630
5640
5650
5660
5670
5680
5690
5700
5710
5720
5730
5740
5750
5760
5770
5780
5790
5800
5810
5820
5830
5840
5850
5860
5870
5880
5890
5900
5910
5920
5930
5940
5950
5960
5970
5980
5990
6000
6010
6020
6030
6040
6050
6060
6070
6080
6090
6100
6110
6120
6130
6140
6150
6160
6170
6180
6190
6200
6210
6220
6230
6240
6250
6260
6270
6280
6290
6300
6310
6320
6330
6340
6350
6360
6370
6380
6390
6400
6410
6420
6430
6440
6450
6460
6470
6480
6490
6500
6510
6520
6530
6540
6550
6560
6570
6580
6590
6600
6610
6620
6630
6640
6650
6660
6670
6680
6690
6700
6710
6720
6730
6740
6750
6760
6770
6780
6790
6800
6810
6820
6830
6840
6850
Gamma
API
0.0 300.0
300.0 600.0
TVD
ft
0.0 12550.0
12550.0 25100.0