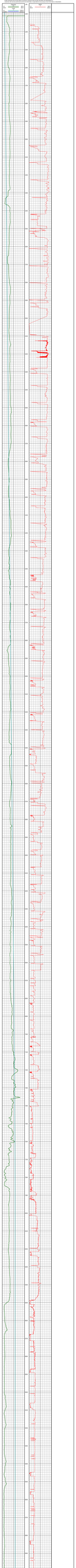

ENSIGN Directional

Spaur 10T-421

MD
2":100'

Company: Petroleum Development Corp.
Well Name: Spaur 10T-421
API: 05-123-42337-00
County/Parish: WELD
State: COLORADO
Country: USA
Job number: 152-37
Field: DJ BASIN
Rig Id: Ensign 152
Survey Company: Ensign Directional
DD1 Jaime Sheets
DD2 Dan Hanson
DD3 Joe Edgerton
MWD1 Tyler Teague
MWD2 Matt Mason
MWD3 Luke Henkenius
MWD4 Kim Surprise

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

	Depth	Date
Start:	0 ft	2/25/2016
End:	ft	

Casing	Depth	Size
Surface:	1343 ft	9 5/8"
Intermediate:		

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

Elevations
KB: 4854 ft
GL: 4831 ft
DF: 4854 ft

Run	Bit Size	Offsets		Depths		Dates	
		Gamma	Survey	Start	End	Start	End
1	12.25"		56.17 ft	0 ft	1350 ft	2/25/2016	2/26/2016
2	8.5"	54.56 ft	49.56 ft	1350 ft	10174 ft	2/25/2016	3/1/2016
3	8.5"	57.44 ft	62.44 ft	10174 ft	11817 ft	3/1/2016	3/3/2016
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.

10300
10400
10500
10600
10700
10800
10900
11000
11100
11200
11300
11400
11500
11600
11700
11800
Gamma
API
0.0
300.0
300.0
600.0
TVD
ft
0.0
12550.0
12550.0
25100.0
ROP
0
0.0
800.0
800.0
1600.0