ENSIGN Directional

Pronghorn F-J-16HNB

MD
5":100'

Company: Bonanza Creek
Well Name: Pronghorn F-J-16HNB
UWI or LSD: 05-123-36347-00
Rig Id: Ensign 128
State: Colorado
County/Parish: Weld
Country: USA
Survey Company: Ensign Directional
Job number: 128-336
Company Rep 1: Kenny Grahm
Directional 1: Ian Ensell
Directional 2: James Allen
MWD Operator 1: Wade Eldridge
MWD Operator 2: Arin Hatfield

Log measurements: Gamma
Depth measured from: 5500
Maximum temperature: 206.6

	Depth	Date
Start:	5541 ft	02/18/2013
End:	ft	

Casing	Depth	Size
Surface:	432	9 5/8
Intermediate:	6551	7

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

Elevations
KB: 4653
GL: 4638
DF: 4653

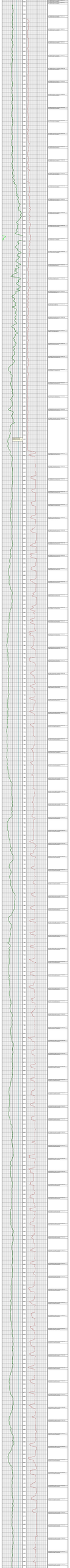
Run	Bit Size	Offsets Gamma	Offsets Survey	Depths Start	Depths End	Dates Start	Dates End
1	12.25	0.00	0.00	0	453	02/15/2013	02/16/2013
2	8.75	0.00	0.00	453	5541	02/16/2013	02/18/2013
3	8.75	36.56	47.98	5541	6561	02/18/2013	02/20/2013
4	6.125	39.48	50.90	6561			
5							
6							
7							
8							
9							
10							

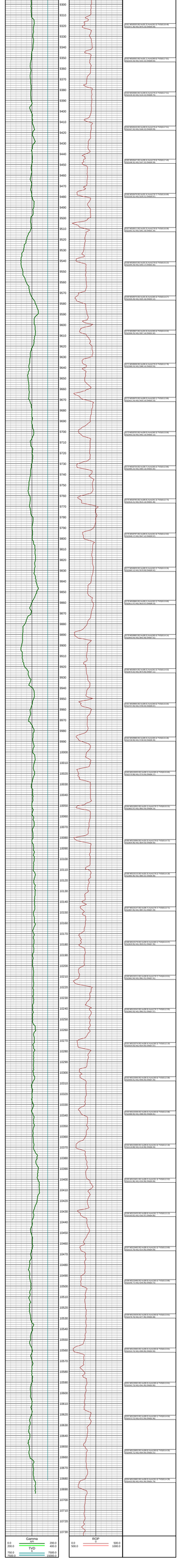
Ensign Directional uses its best efforts to provide its customers with accurate information and interpretations in conjunction with services performed but will not be held liable or responsible for the accuracy of such information or interpretation.

ROP
0
0.0 500.0
500.0 1000.0

Gamma
API
0.0 200.0
200.0 400.0

TVD
ft
750.0 7500.0
7500.0 15000.0

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Gamma
API
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200.0
400.0
TVD
750.0
1500.0
750.0
1500.0
1500.0
1600.0
ROP
500.0
500.0
1000.0