

Antelope O-K-24HNB

MD
5":100'

Company: Bonanza Creek Energy Company

Well Name: Antelope O-K-24HNB

UWI or LSD: 05-123-36467-00

Rig Id: Cade 22

State: Colorado

County/Parish: Weld

Country: USA

Survey Company: ENSIGN Directional

Job number:

Directional 1: Daniel Barton

Directional 2: Chris Saykally

MWD 1: Chad Lousberg

MWD 2: Dustin Nagle

Company Man: John Bradley

Geologist: Paul McKay

Log measurements: Gamma

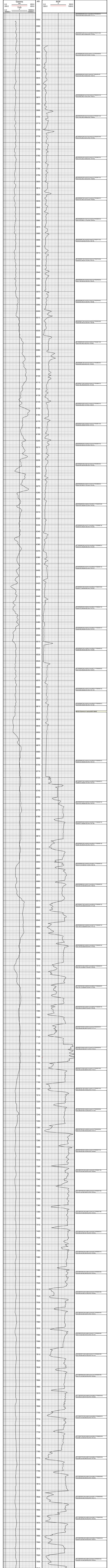
Depth measured from: 5552

Maximum temperature:

Depth **Date**
Start: 5586 ft 2/14/2013
End: 10727 ft 2/21/2013

Casing	Depth	Size	Mud Type:	Elevations
Surface:	459	9.625	Density:	KB: 4549
Intermediate:	6646	7	Viscosity:	GL: 4533
			Rm:	DF: 4548
			Rmf:	
			Rmc:	

Run	Bit Size	Offsets		Depths		Dates	
		Gamma	Survey	Start	End	Start	End
1	9 5/8	-1.00	-1.00	0	465	2/11/2013	2/12/2013
2	8 3/4	-1.00	45.81	465	5586	2/13/2013	2/14/2013
3	8 3/4	36.85	47.77	5586	6657	2/15/2013	2/16/2013
4	6 1/8	38.45	48.37	6657	10727	2/17/2013	2/21/2013
5							
6							
7							
8							
9							
10							



10350
10360
10370
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10590
10600
10610
10620
10630
10640
10650
10660
10670
10680
10690
10700
10710
10720

#196 MD(10363.00) Inc(91.6) Azm(0.6) TVD(6033.14)
VS(4417.84) NS(4259.86) EW(-1177.05)

#197 MD(10395.00) Inc(91.5) Azm(1.9) TVD(6032.27)
VS(4448.72) NS(4291.84) EW(-1176.36)

#198 MD(10427.00) Inc(91.4) Azm(1.7) TVD(6031.46)
VS(4479.52) NS(4323.82) EW(-1176.35)

#199 MD(10459.00) Inc(91.5) Azm(1.5) TVD(6030.65)
VS(4510.35) NS(4355.79) EW(-1174.46)

#200 MD(10491.00) Inc(91.3) Azm(1.0) TVD(6029.87)
VS(4541.23) NS(4387.78) EW(-1173.76)

#201 MD(10523.00) Inc(91.6) Azm(359.9) TVD(6029.06)
VS(4572.22) NS(4419.77) EW(-1173.51)

#202 MD(10555.00) Inc(90.7) Azm(0.5) TVD(6028.42)
VS(4603.25) NS(4451.76) EW(-1173.40)

#203 MD(10587.00) Inc(90.8) Azm(0.3) TVD(6028.00)
VS(4634.26) NS(4483.76) EW(-1173.17)

#204 MD(10619.00) Inc(90.7) Azm(0.3) TVD(6027.58)
VS(4665.28) NS(4515.75) EW(-1173.01)

#205 MD(10651.00) Inc(90.1) Azm(0.6) TVD(6027.36)
VS(4696.29) NS(4547.75) EW(-1172.75)

#206 MD(10675.00) Inc(89.5) Azm(359.9) TVD(6027.44)
VS(4719.56) NS(4571.75) EW(-1172.65)

10727.0:Bit Projection @ 10727' INC: 89.5 AZM: 359.9
TVD: 4770.06'

