



WELLS RANCH STATE AA21-67-1HN 1":100' TVD

Company: NOBLE ENERGY
Well Name: WELLS RANCH STATE AA21-67-1HN
API: 05-123-37724
Rig Id: H&P 277
State: CO
County/Parish: WELD COUNTY
Country: USA
Survey Company: DRILTECH, LLC
Job number: 2014-020-IDDT-CO
MARK LARUE MWD OPERATOR
MIKE ASHLEY MWD OPERATOR

Log measurements:
Depth measured from:
Maximum temperature: 220.3

Depth Start: 1200 ft
End: 10675 ft
Date 1/14/14
1/21/2014

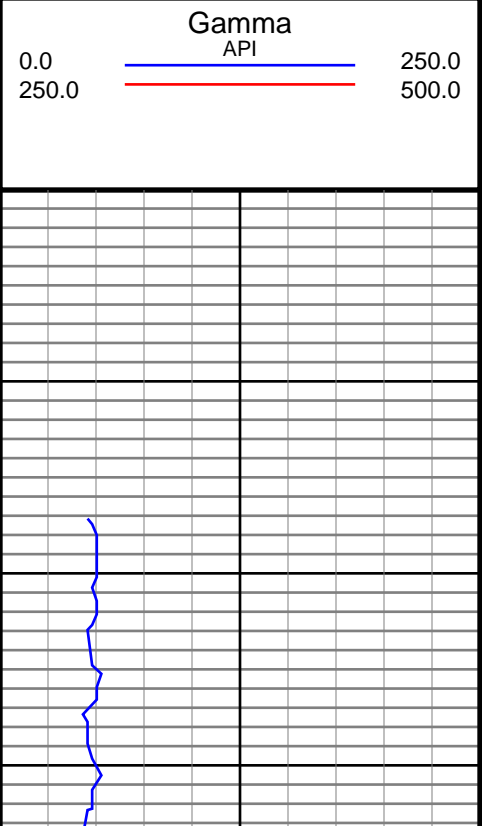
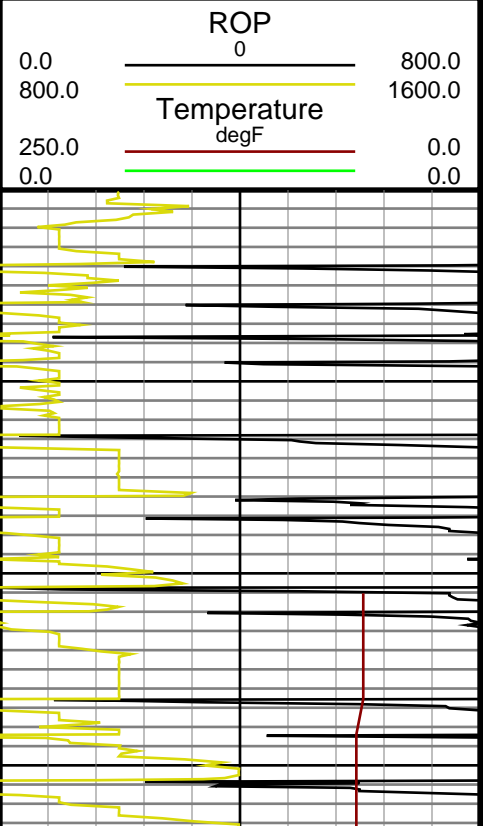
Casing Depth Size
Surface: 970 9.625
Intermediate: 6868 7.0

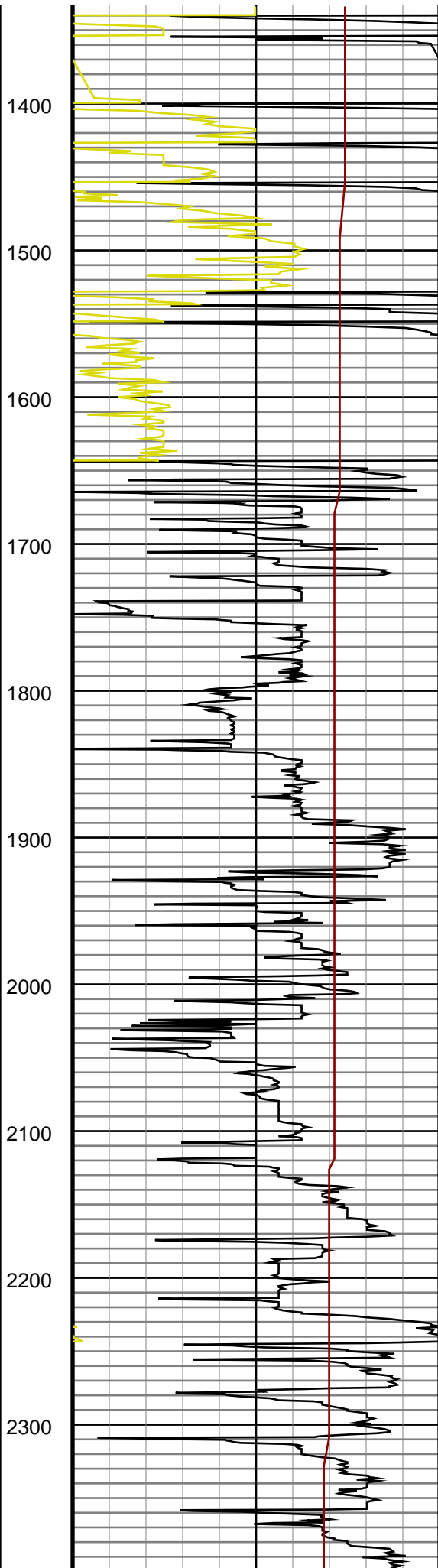
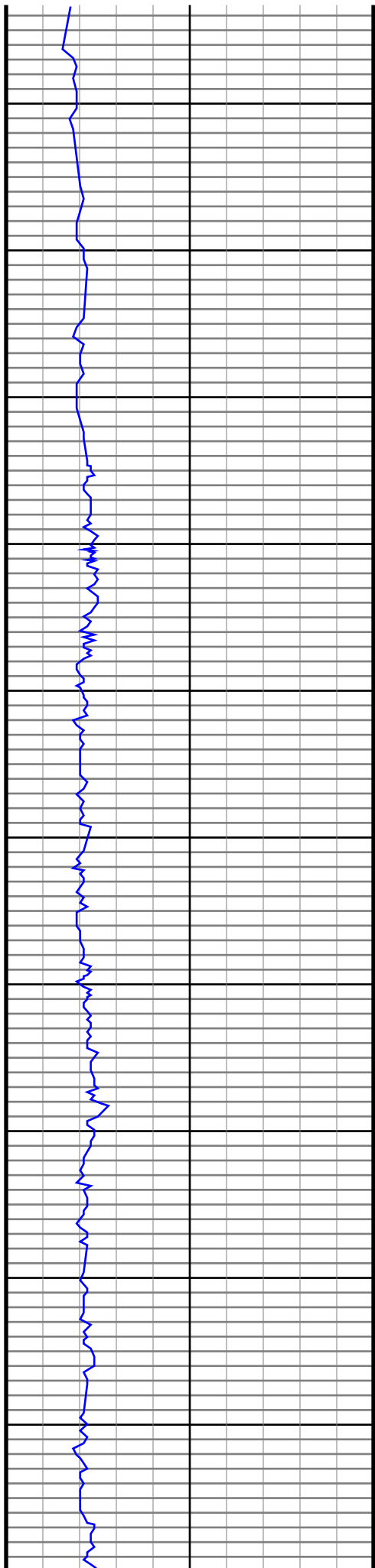
Mud Type: WATER BASE
Density: 9.1
Viscosity: 35
Rm: Rmf: Rmc: KB: 4727
GL: DF: 4751

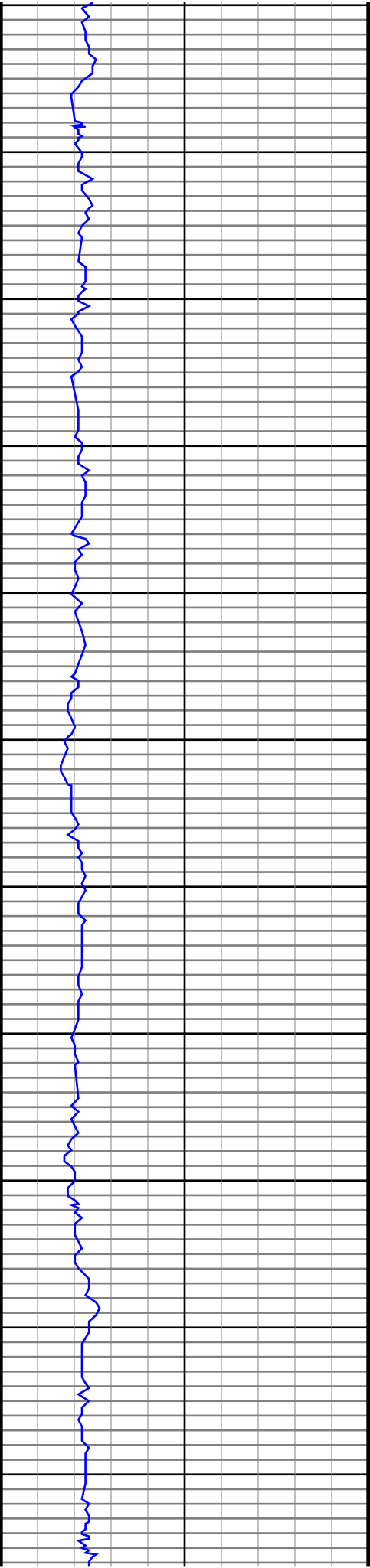
Run	Bit Size	Gamma	Offsets	Survey	Start	End	Start	End	Dates
1	8 3/4	48.00	65.00	970	6000	6000	1/14/2014	1/15/2014	
2	8 3/4	48.00	65.00	6000	6633	6633	1/16/2014	1/16/2014	
3	8 3/4	45.00	62.00	6633	6868	6868	1/17/2014	1/17/2014	
4	6 1/8	47.00	67.00	6868	9244	9244	1/18/2014	1/20/2014	
5	6 1/8	49.00	66.00	9244	10675	10675	1/20/2014	1/21/2014	
6									
7									
8									
9									
10									

DRILTECH, LLC 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.

TVD







2400
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400

