PHOENIX SURVEYS, INC.

Company
Well
Field
County
State/Prv

COMPENSATED DENSITY
COMPENSATED NEUTRON
GAMMA RAY

Company	**Great Western Oil & Gas LLC**
Well	**Bower 10-24**
Field	**Severance**
County	**Weld**
State/Province	**Colorado**

Location
678' FSL & 1960' FWL
SE SW
Sec. 10, Twp. 6N, Rge. 67W

Other Services
High Res.
Induction

Elevation
K.B. 4871
D.F. 4870
G.L. 4857

Permanent Datum	GL	Elevation	4857
Log Measured From	KB		
Drilling Measured From	KB		

Date	January 3, 2012		
Run Number	1		
Depth Driller	7469		
Depth Logger	7455		
Bottom Logged Interval	7435		
Top Log Interval	2450		
Casing Driller	521		
Casing Logger	Not Logged		
Bit Size	7-7/8"		
Type Fluid in Hole	Chem Gel		
Density / Viscosity	9.1 / 50		
pH / Fluid Loss	8.0 / 11.2		
Source of Sample	Mudpit		
Rm @ Meas. Temp	3.11 @ 74 F		
Rmf @ Meas. Temp	2.48 @ 74 F		
Rmc @ Meas. Temp	3.73 @ 74 F		
Source of Rmf / Rmc	Measure / Calc		
Rm @ BHT	1.10 @ 209 F		
Time Circulation Stopped	1000		
Time Logger on Bottom	1730		
Maximum Recorded Temperature	209 F		
Equipment Number	50		
Location	Brighton, CO		
Recorded By	Randy Conley		
Witnessed By	Jay Pape		

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

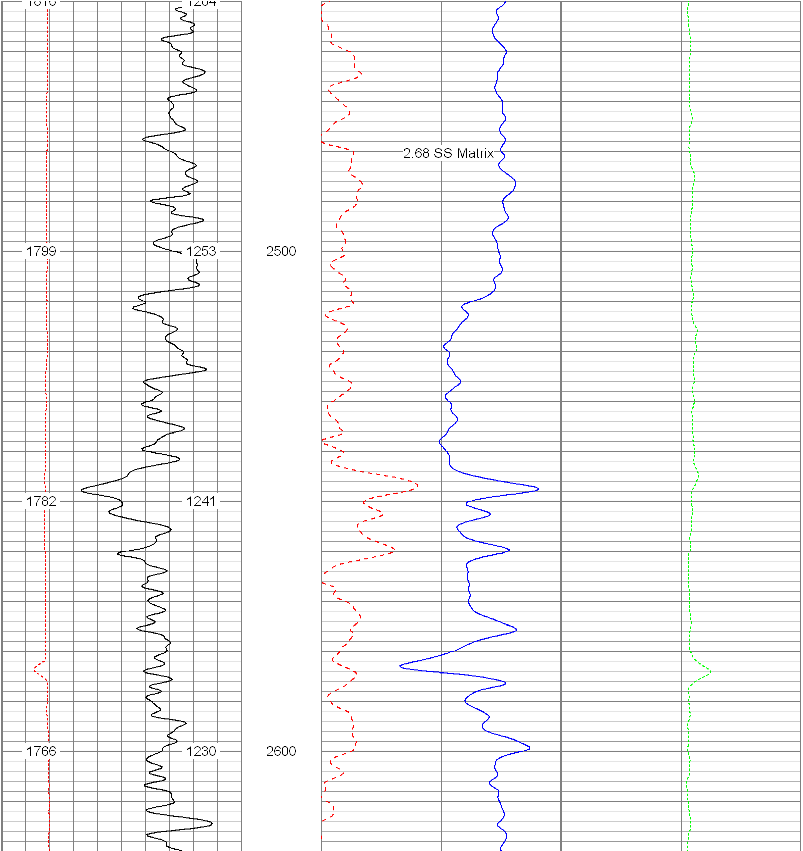
Annular volume calculated for 4-1/2" casing
Cade Drilling Rig 22
Thank you for using Phoenix Surveys!!
API #: 05-123-29688-00

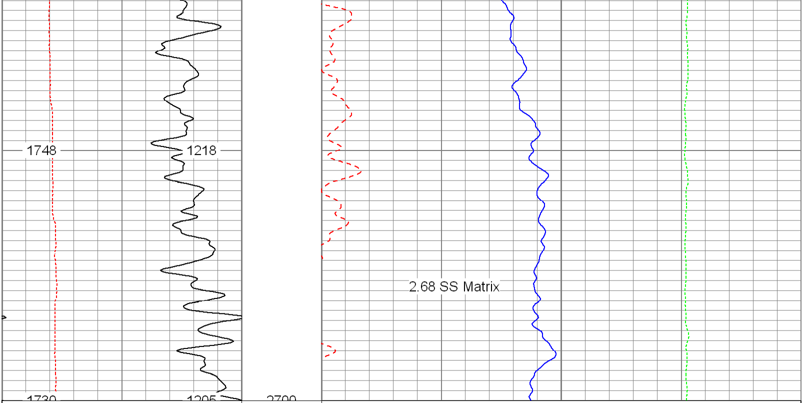
No repeat due to hole conditions.

Database File: 12498.db
Dataset Pathname: final
Presentation Format: poro1
Dataset Creation: Tue Jan 03 17:52:42 2012
Charted by: Depth in Feet scaled 1:240

6 Density Caliper (in) 16
30 Gamma Ray (GAPI) 130
TBHV (ft3)
ABHV (ft3)

30 Density Porosity (pu) -10
30 Neutron Porosity (pu) -10
-0.5 Corr (g/cc) 0.5





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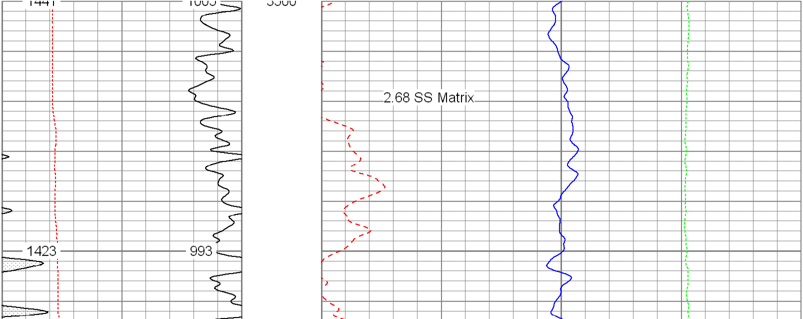

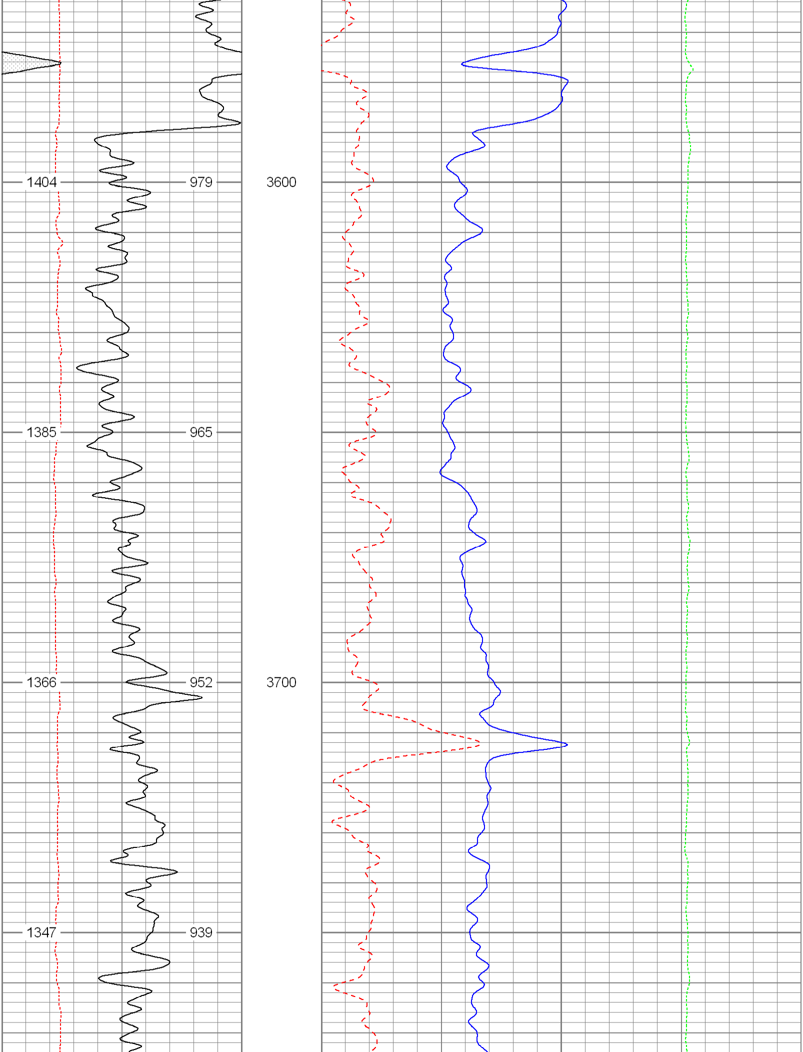

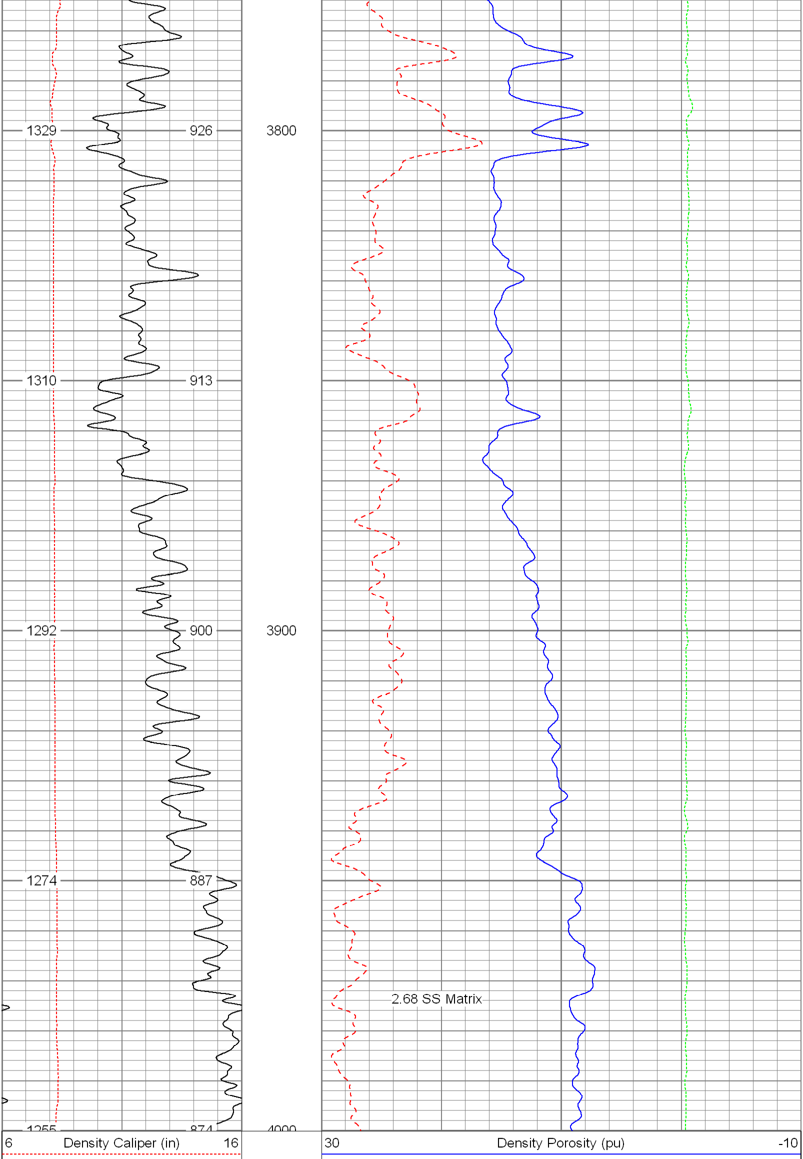

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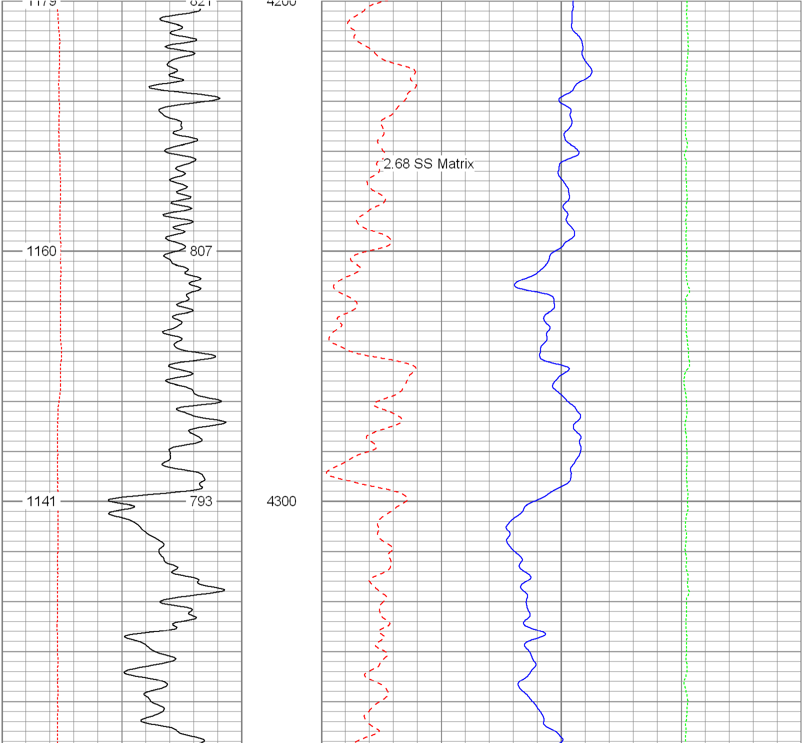

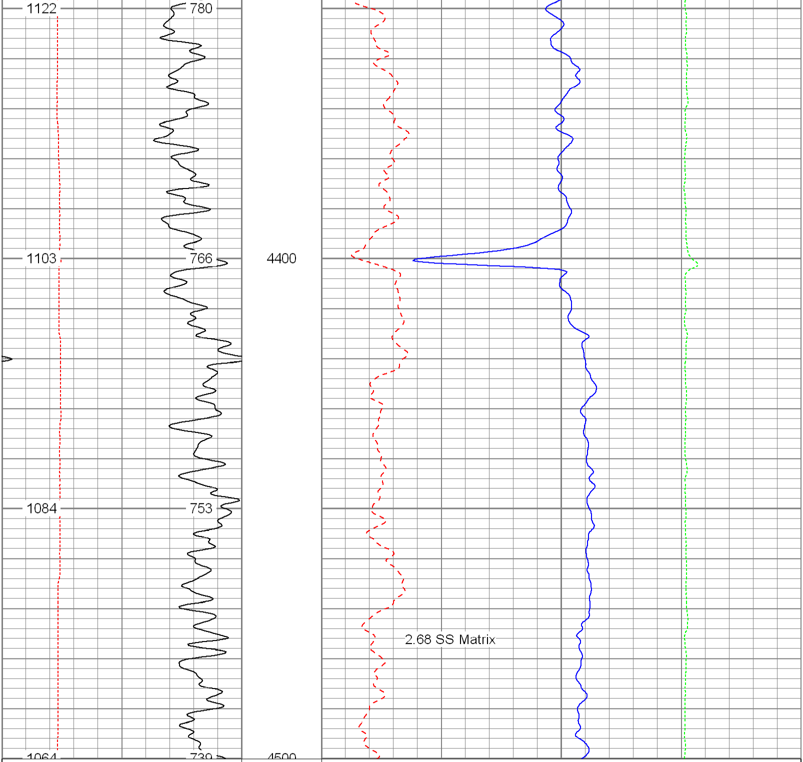

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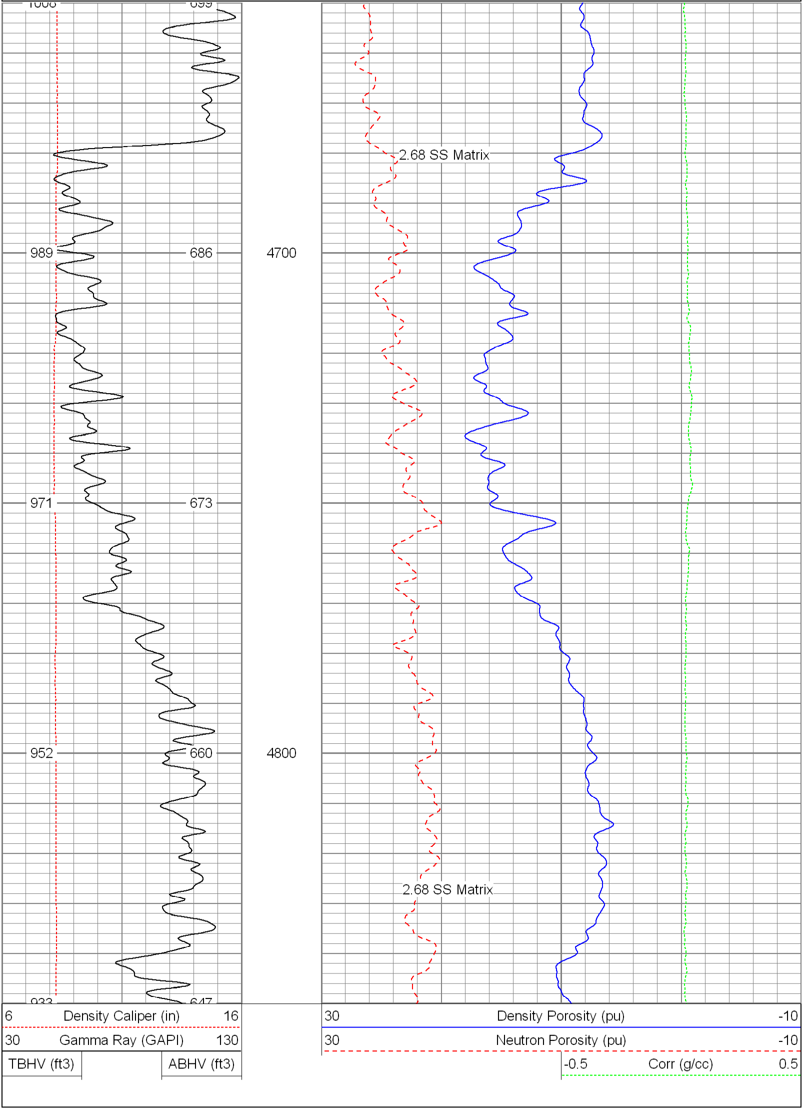

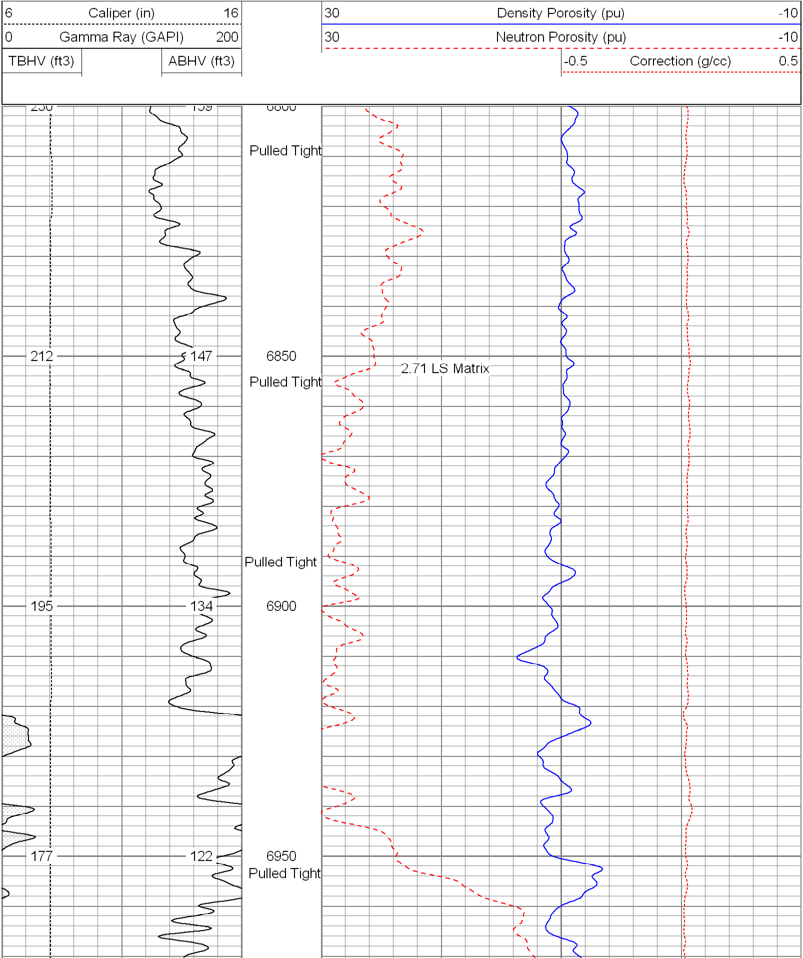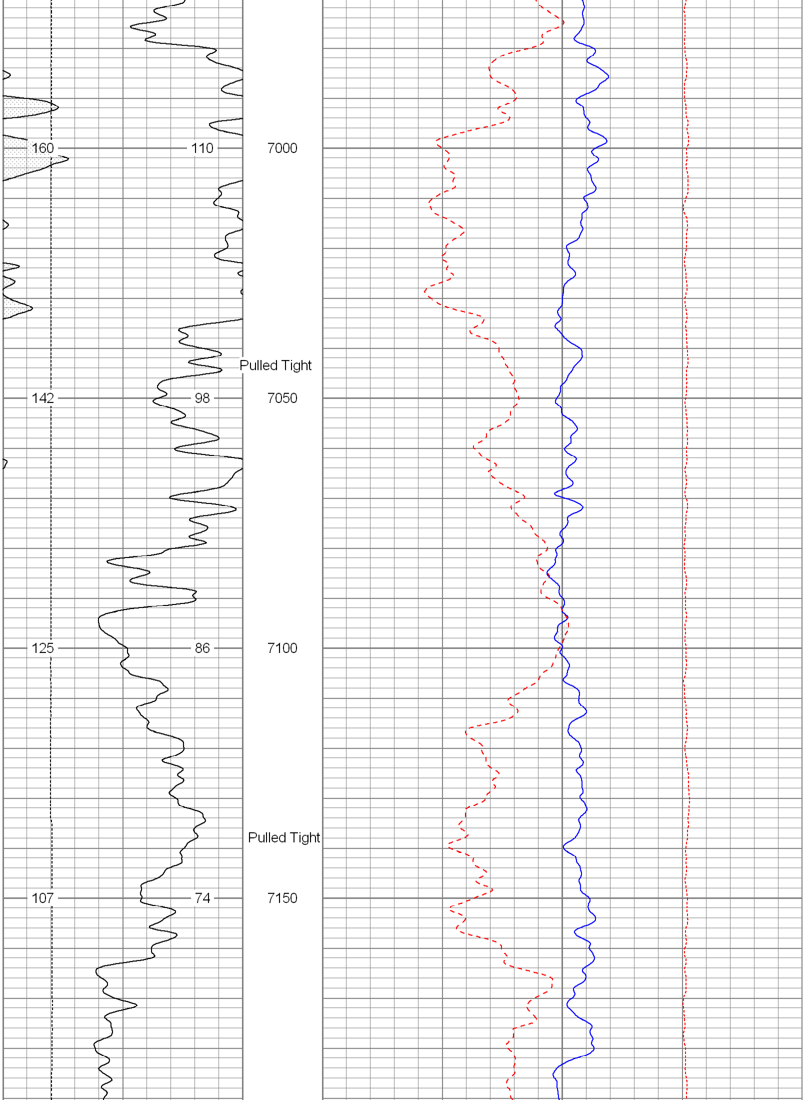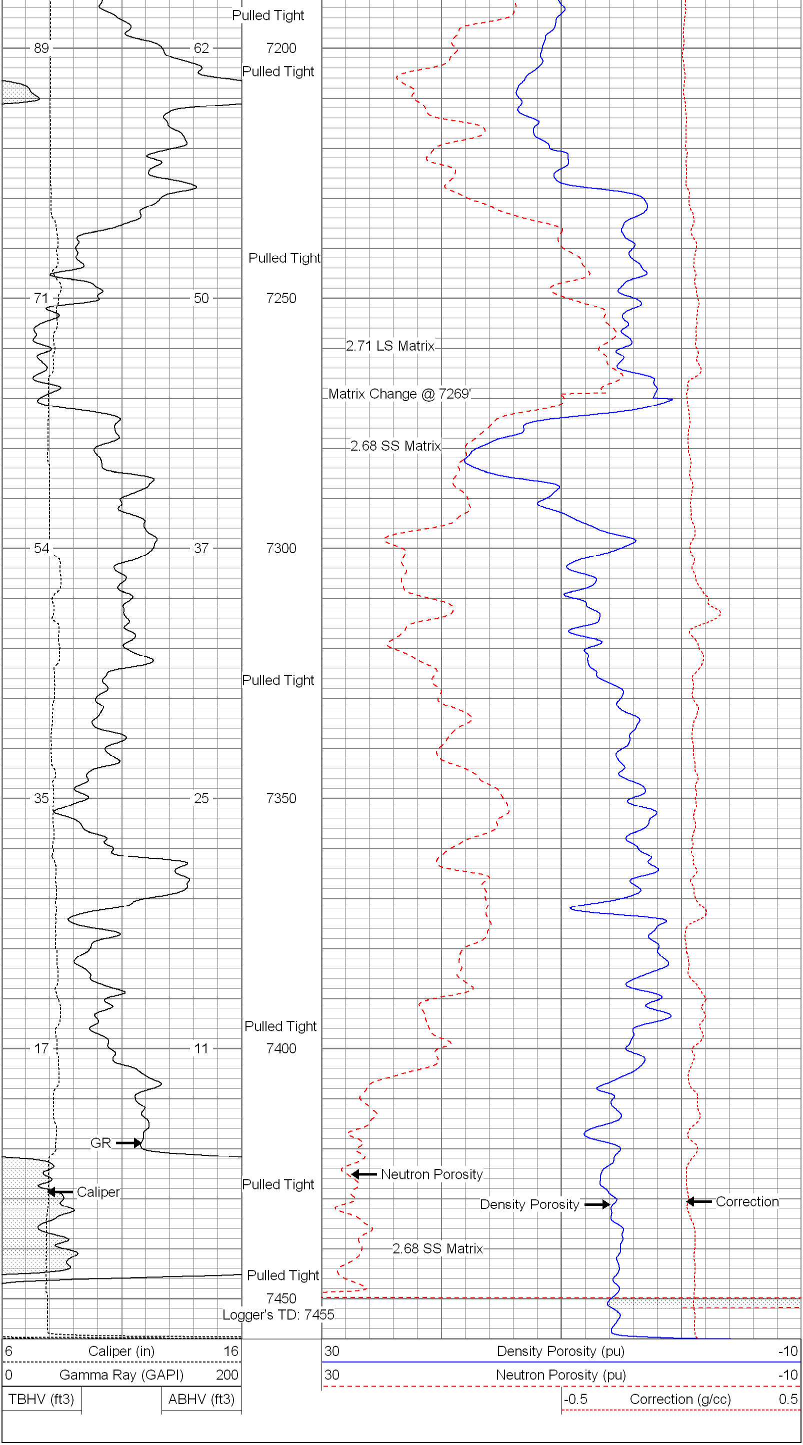Database File: 12498.db
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