PIONEER

Pioneer Energy Services

# HIGH RESOLUTION INDUCTION
# COMPENSATED DENSITY
# COMPENSATED NEUTRON

| | |
|---|---|
| Company | Bayswater Exploration & Prod. LLC |
| Well | Booth 27-26 |
| Field | Wattenberg |
| County | Weld |
| State | Colorado |

Company Bayswater Exploration & Prod. LLC
Well Booth 27-26
Field Wattenberg
County Weld State Colorado

Location: API # : 05123360800000

SHL: 255 FNL & 2275' FEL NWNE
BHL: 163' FNL & 1229' FEL NENE

SEC 26 TWP 7N RGE 65W

Other Services
None

| | | | |
|---|---|---|---|
| Permanent Datum | GL | Elevation | 4891 |
| Log Measured From | KB | | |
| Drilling Measured From | KB | | |

Elevation
K.B. 4907
D.F. 4906
G.L. 4891

| | | | |
|---|---|---|---|
| Date | May 23, 2013 | | |
| Run Number | 1 | | |
| Depth Driller | 7505 | | |
| Depth Logger | 7537 | | |
| Bottom Logged Interval | 7537 | | |
| Top Log Interval | Casing | | |
| Casing Driller | 735 | | |
| Casing Logger | 735 | | |
| Bit Size | 7-7/8" | | |
| Type Fluid in Hole | Chem Gel | | |
| Density / Viscosity | 9.4 / 65 | | |
| pH / Fluid Loss | 7.5 / 8.4 | | |
| Source of Sample | Flowline | | |
| Rm @ Meas. Temp | 3.25 @ 65 F | | |
| Rmf @ Meas. Temp | 2.60 @ 65 F | | |
| Rmc @ Meas. Temp | 3.90 @ 65 F | | |
| Source of Rmf / Rmc | Measure / Calc | | |
| Rm @ BHT | 1.03 @ 206 F | | |
| Time Circulation Stopped | 2130 5/22/2013 | | |
| Time Logger on Bottom | 0630 | | |
| Maximum Recorded Temperature | 206 F | | |
| Equipment Number | 49 | | |
| Location | Brighton, CO | | |
| Recorded By | Kelly Keever | | |
| Witnessed By | Dan Brugeman | Craig W. | |

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All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC will not 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.

Comments

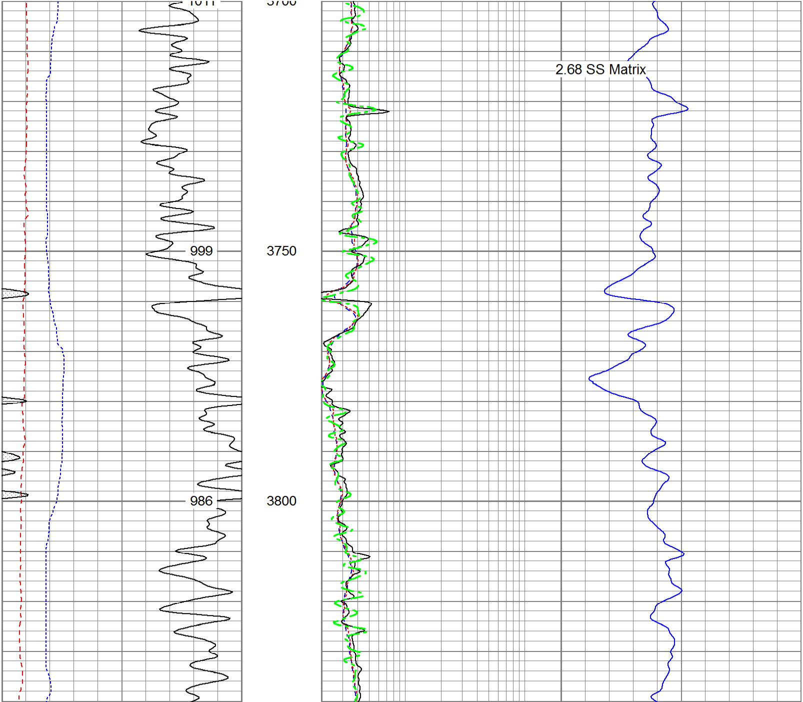
Annular volume calculated for 4.5" casing
Ensign Drilling Rig 7
Thank you for using Pioneer Energy Services.

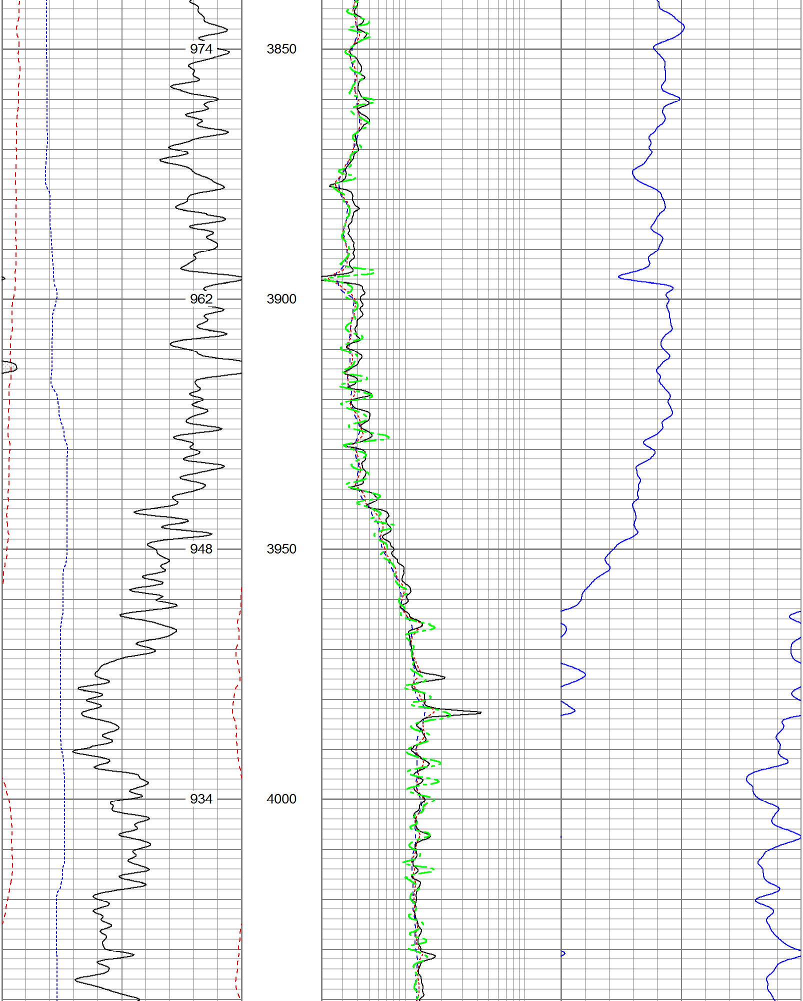
Pioneer Energy Services

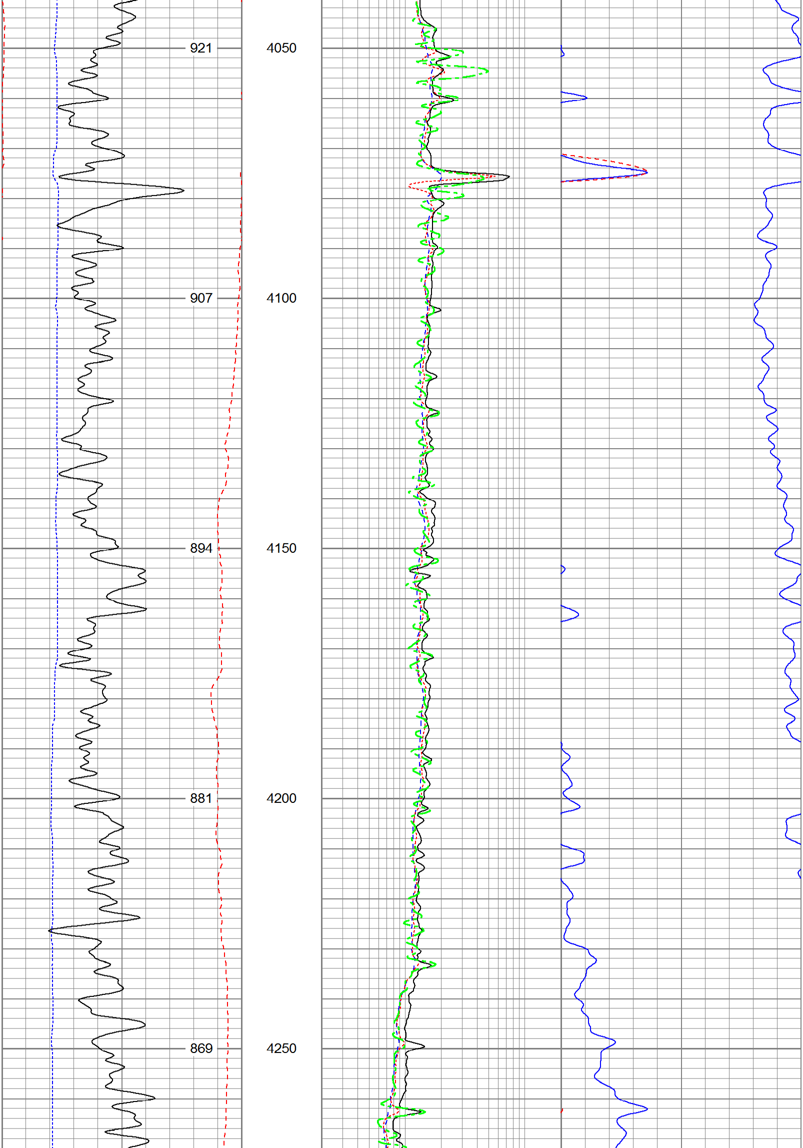
# MAIN PASS

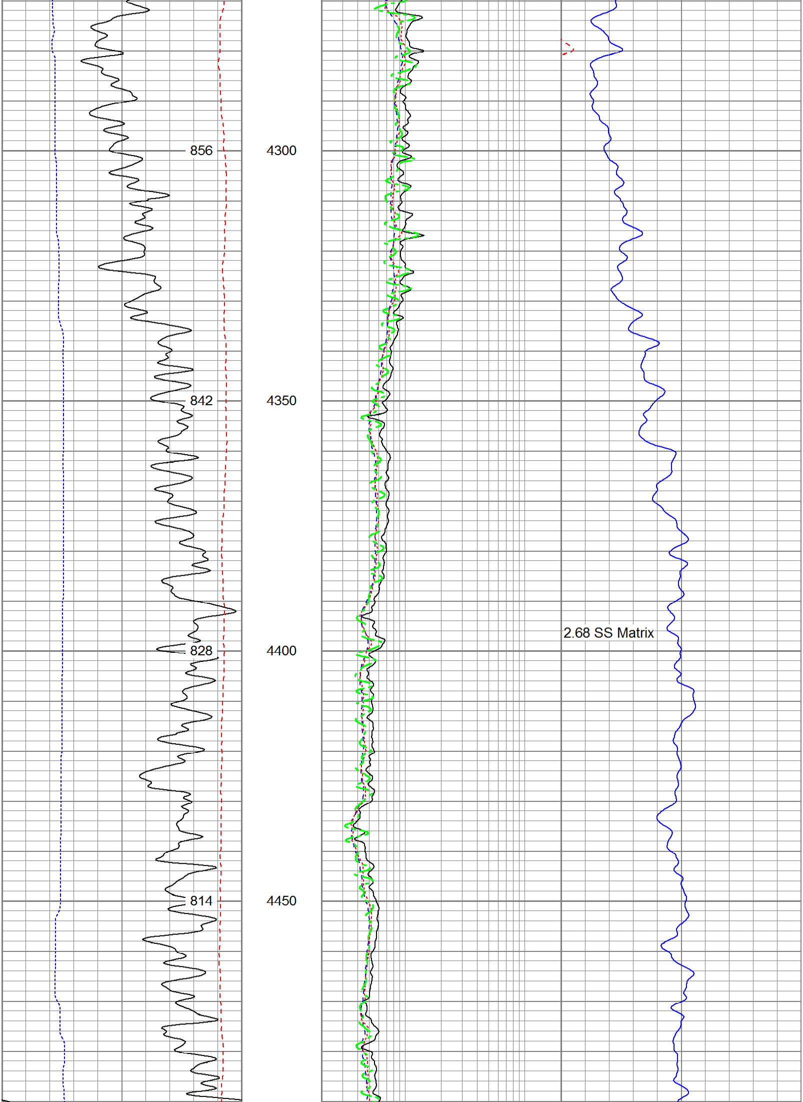
| | |
|---|---|
| Database File: | 12791.db |
| Dataset Pathname: | MAIN |
| Presentation Format: | pdc1 |
| Dataset Creation: | Thu May 23 07:48:44 2013 |
| Charted by: | Depth in Feet scaled 1:240 |

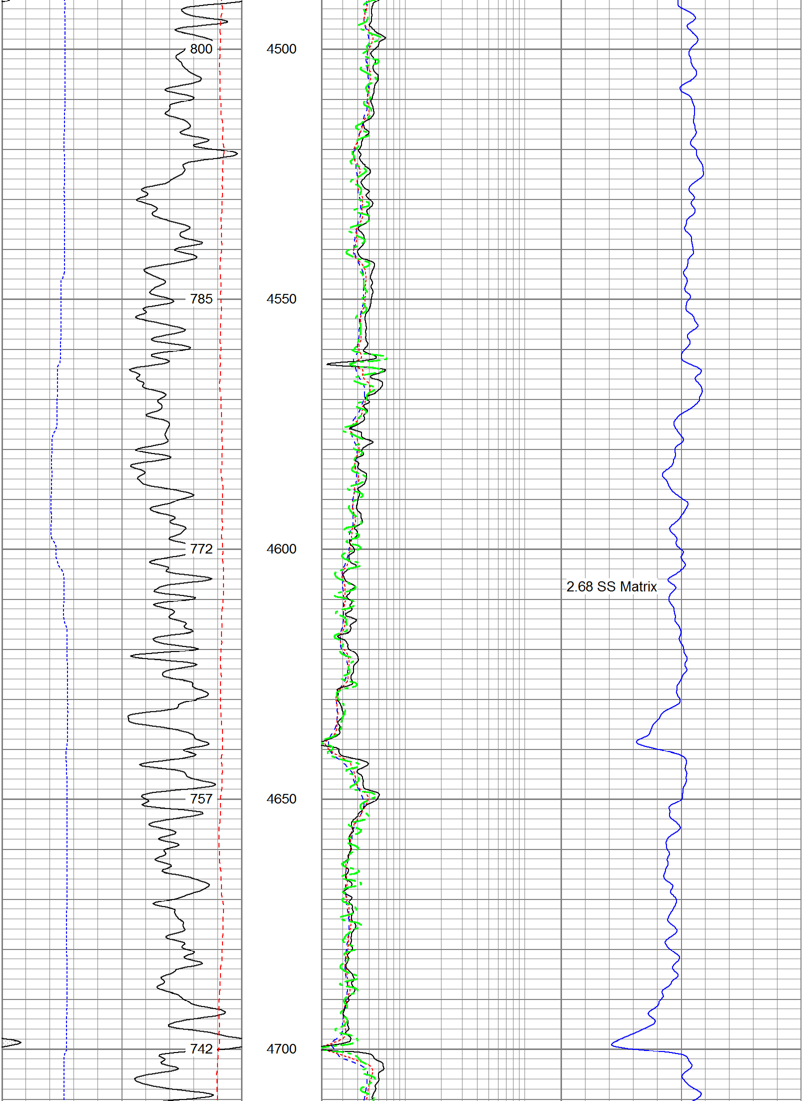
| Min | Curve | Max |
|---|---|---|
| 6 | Density Caliper (in) | 16 |
| 30 | Gamma Ray (GAPI) | 130 |
| 0 | SP (mV) | 100 |
| | ABHV (ft3) | |
| 2 | Deep Resistivity (Ohm-m) | 200 |
| 2 | Medium Resistivity (Ohm-m) | 200 |
| 2 | Shallow Resistivity (Ohm-m) | 200 |
| 2 | Rt (Ohm-m) | 200 |
| 20 | Density Porosity (pu) | 0 |
| 20 | Neutron Porosity (pu) | 0 |

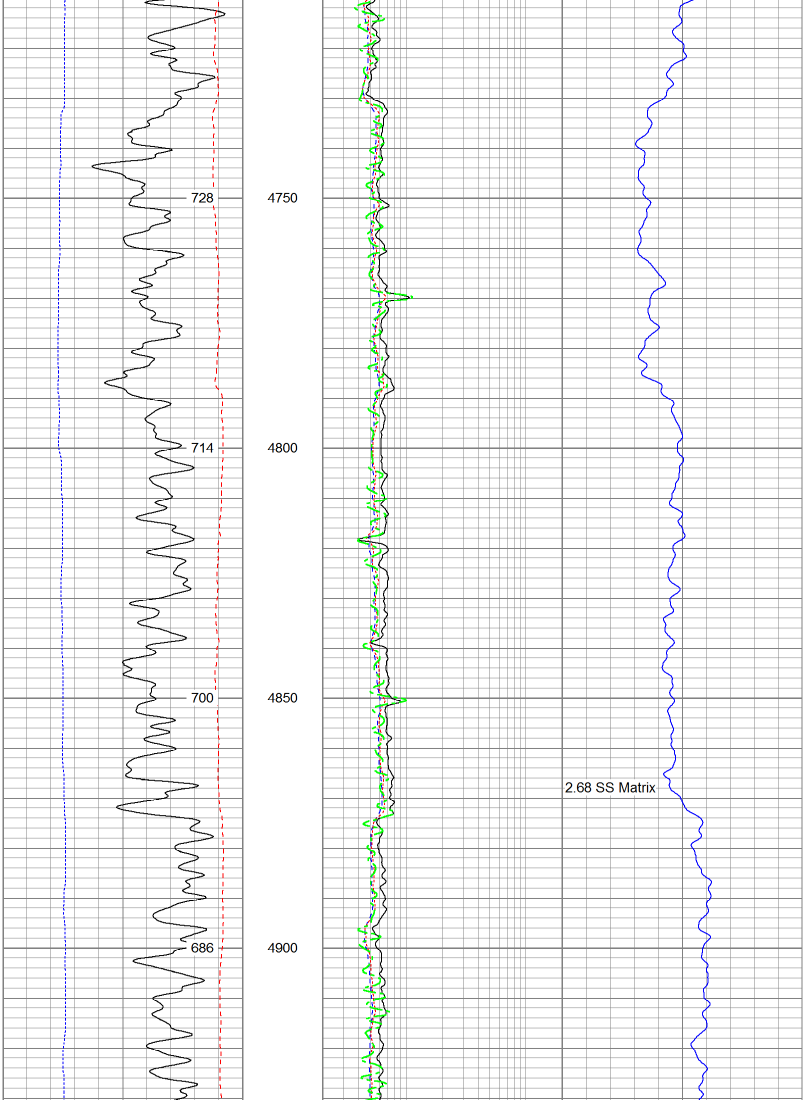


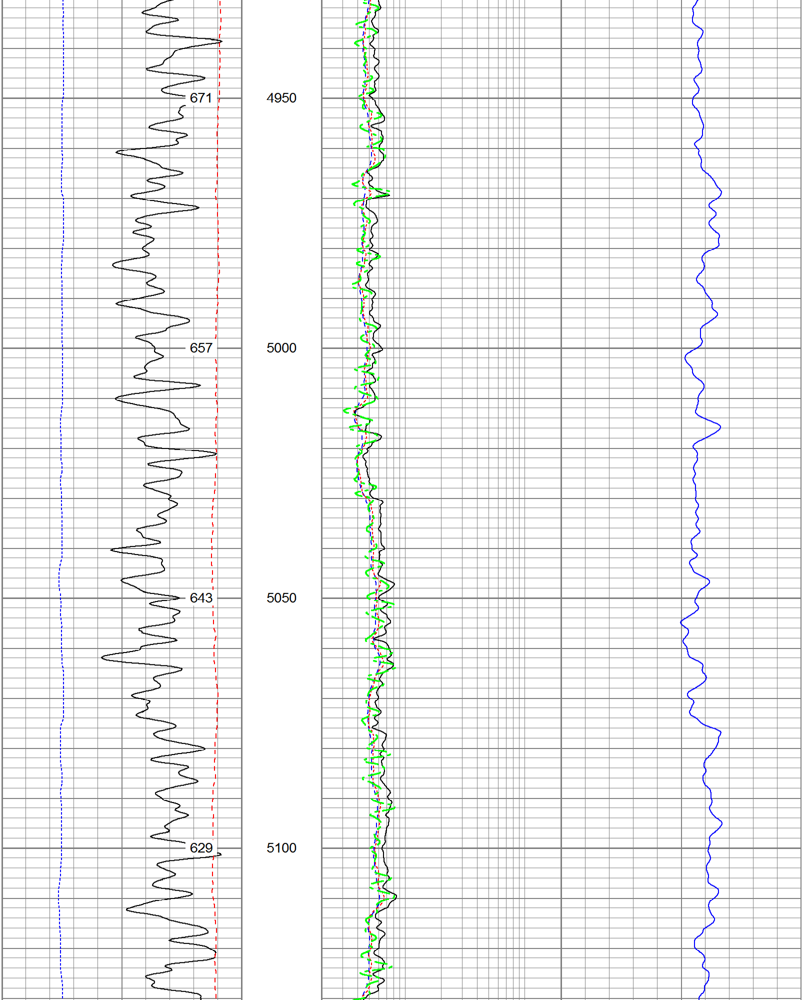


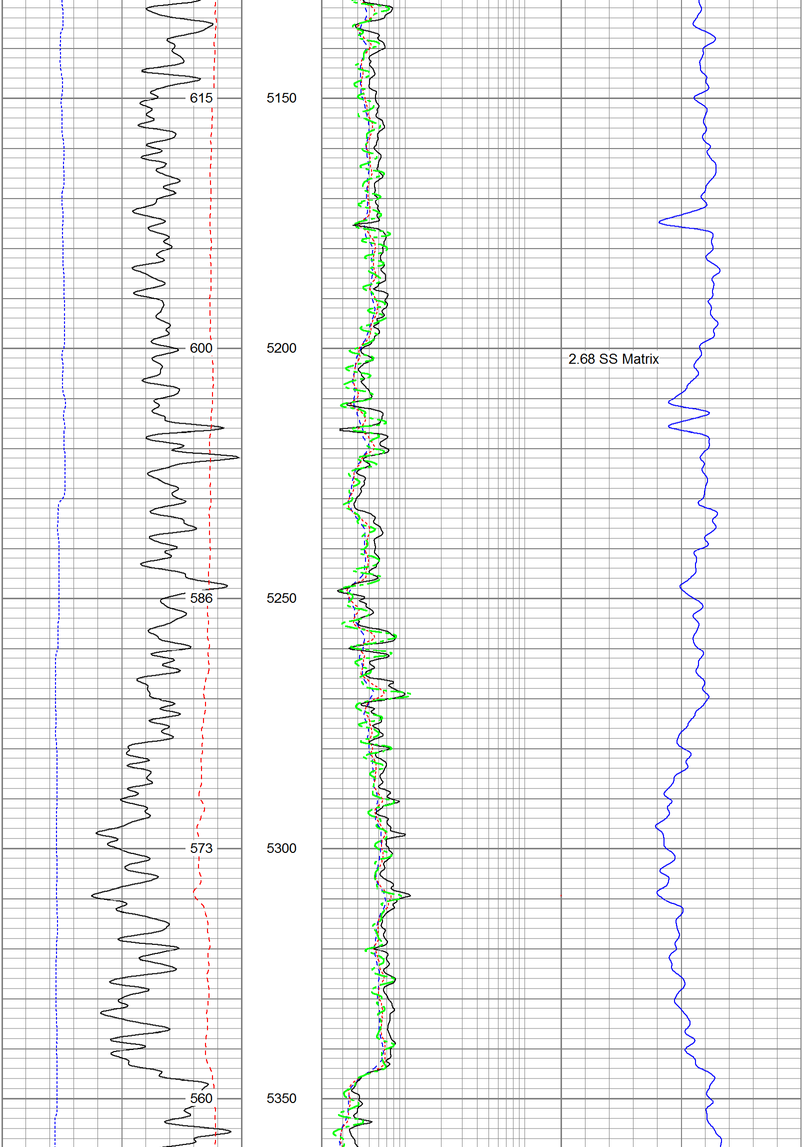


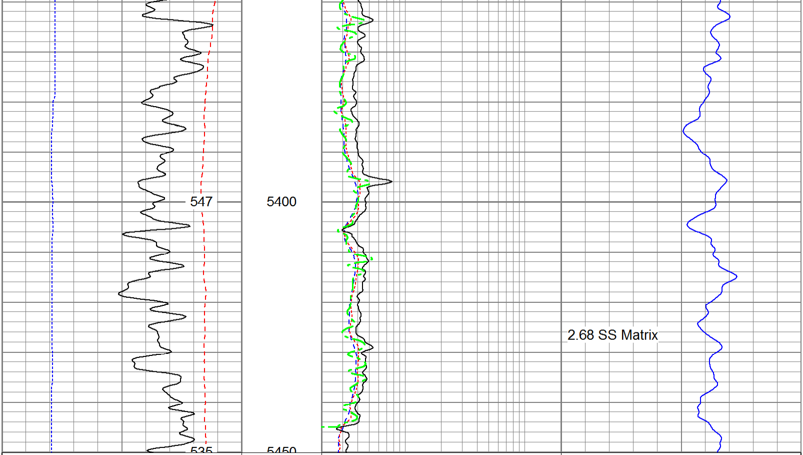












| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 6 | Density Caliper (in) | 16 | 2 | Deep Resistivity (Ohm-m) | 200 | 20 | Density Porosity (pu) | 0 |
| 30 | Gamma Ray (GAPI) | 130 | 2 | Medium Resistivity (Ohm-m) | 200 | 20 | Neutron Porosity (pu) | 0 |
| 0 | SP (mV) | 100 | 2 | Shallow Resistivity (Ohm-m) | 200 | | | |
| | ABHV (ft3) | | 2 | Rt (Ohm-m) | 200 | | | |

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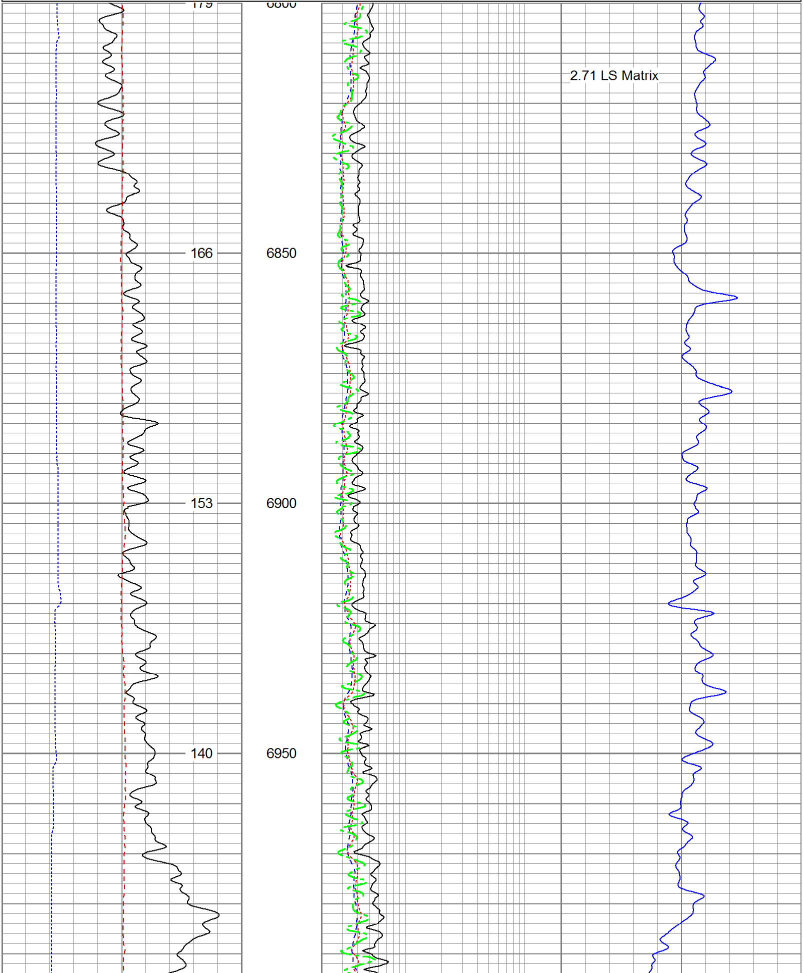
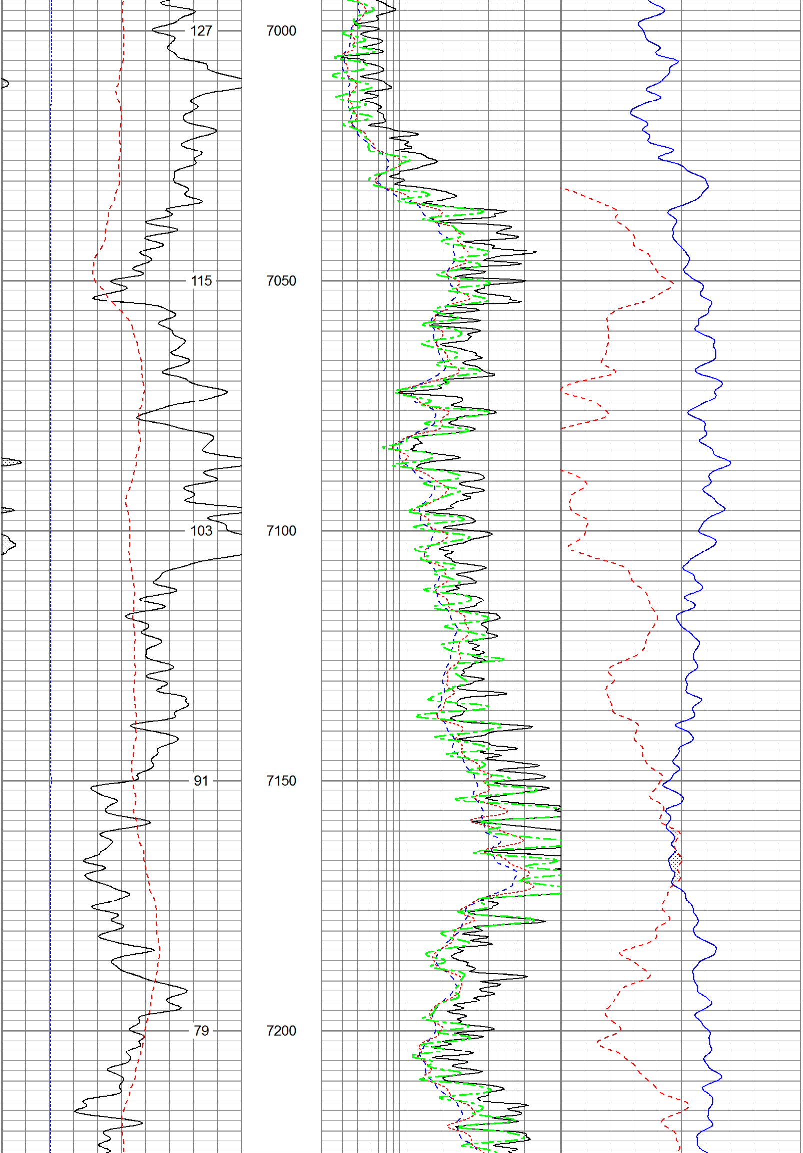
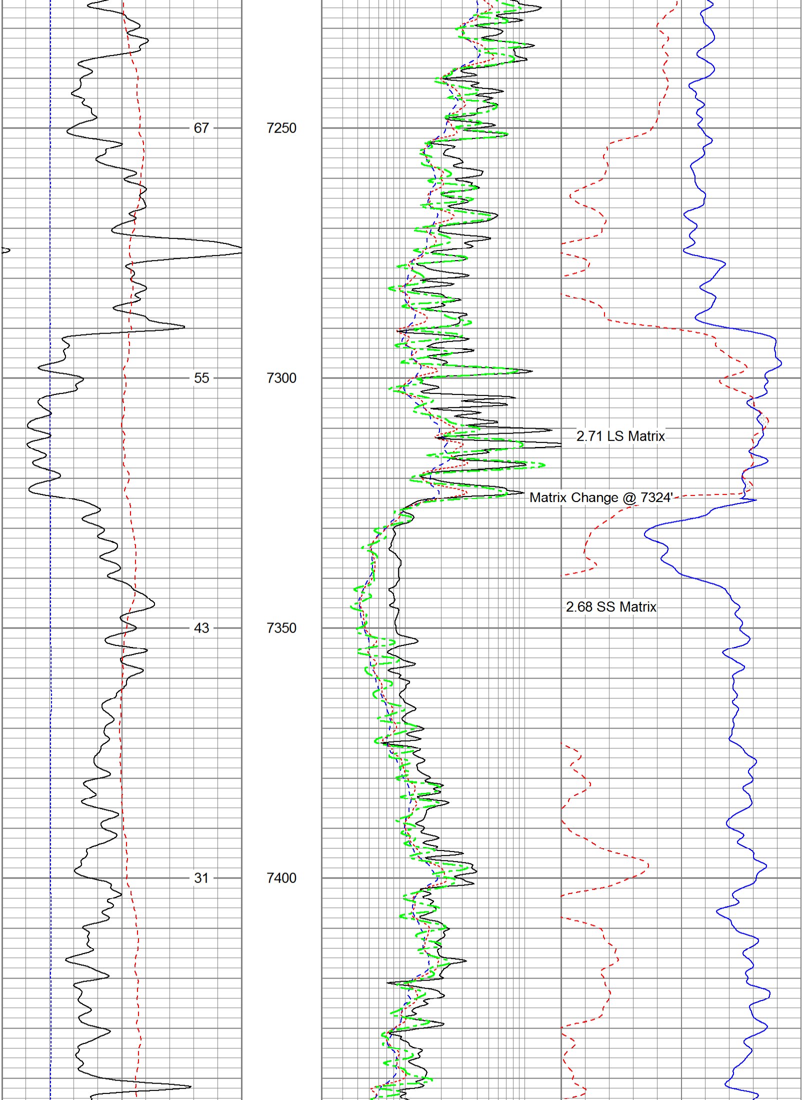
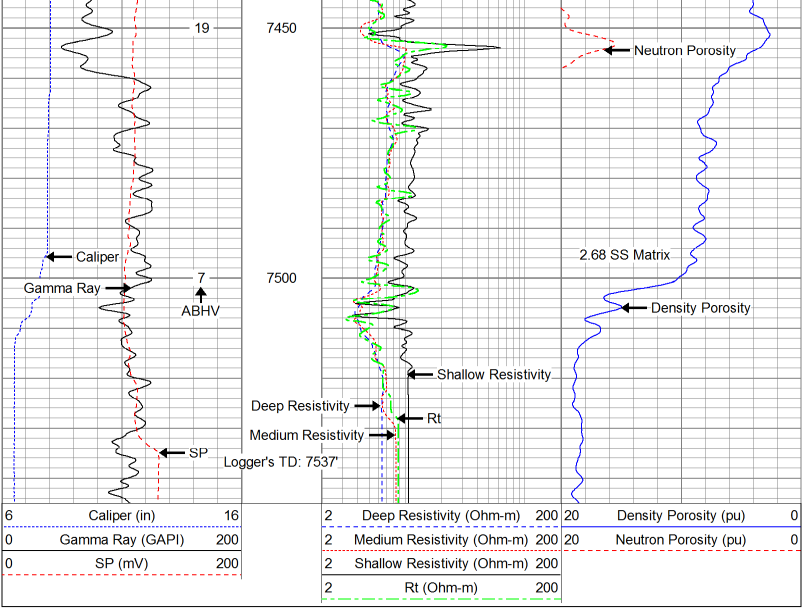
| | | | 2 | Rt (Ohm-m) | 200 | | | |









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