PHOENIX SURVEYS, INC.

# COMPENSATED DENSITY
# COMPENSATED NEUTRON
# DUAL INDUCTION

Company
Well
Field
County
State/Prv

| | |
|---|---|
| Company | EnCana Oil & Gas (USA) Inc |
| Well | Oskarson 24-33 |
| Field | Wattenberg |
| County | Weld |
| State/Province | Colorado |

Location
502 FSL & 2104' FWL
SE SW
Sec. 33, Twp. 2N, Rge. 66W

Other Services
None

| | | | |
|---|---|---|---|
| Permanent Datum | GL | Elevation | 5005 |
| Log Measured From | KB | | |
| Drilling Measured From | KB | | |

Elevation
K.B. 5016
D.F. 5015
G.L. 5005

| | | | |
|---|---|---|---|
| Date | May 20, 2006 | | |
| Run Number | 1 | | |
| Depth Driller | 8291 | | |
| Depth Logger | 8290 | | |
| Bottom Logged Interval | 8290 | | |
| Top Log Interval | Casing | | |
| Casing Driller | 850 | | |
| Casing Logger | 850 | | |
| Bit Size | 7-7/8" | | |
| Type Fluid in Hole | Chem Gel | | |
| Density / Viscosity | 9.7 / 65 | | |
| pH / Fluid Loss | 8.0 / 7.2 | | |
| Source of Sample | Flowline | | |
| Rm @ Meas. Temp | 3.61 @ 78° F | | |
| Rmf @ Meas. Temp | 2.70 @ 78° F | | |
| Rmc @ Meas. Temp | 4.15 @ 78° F | | |
| Source of Rmf / Rmc | Measure / Calc | | |
| Rm @ BHT | 1.36 @ 207° F | | |
| Time Circulation Stopped | 2200 | | |
| Time Logger on Bottom | 0430 | | |
| Maximum Recorded Temperature | 207° F | | |
| Equipment Number | 4300 | | |
| Location | Brighton, CO | | |
| Recorded By | Peter Dhaliwal | Schoenrogge | |
| Witnessed By | Tom Cobb | | |

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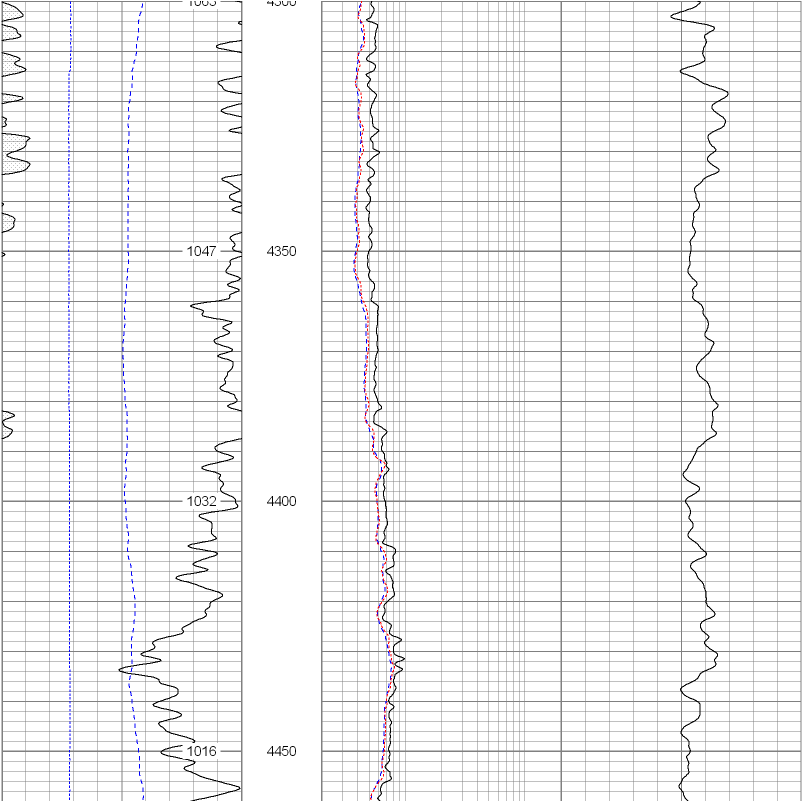
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

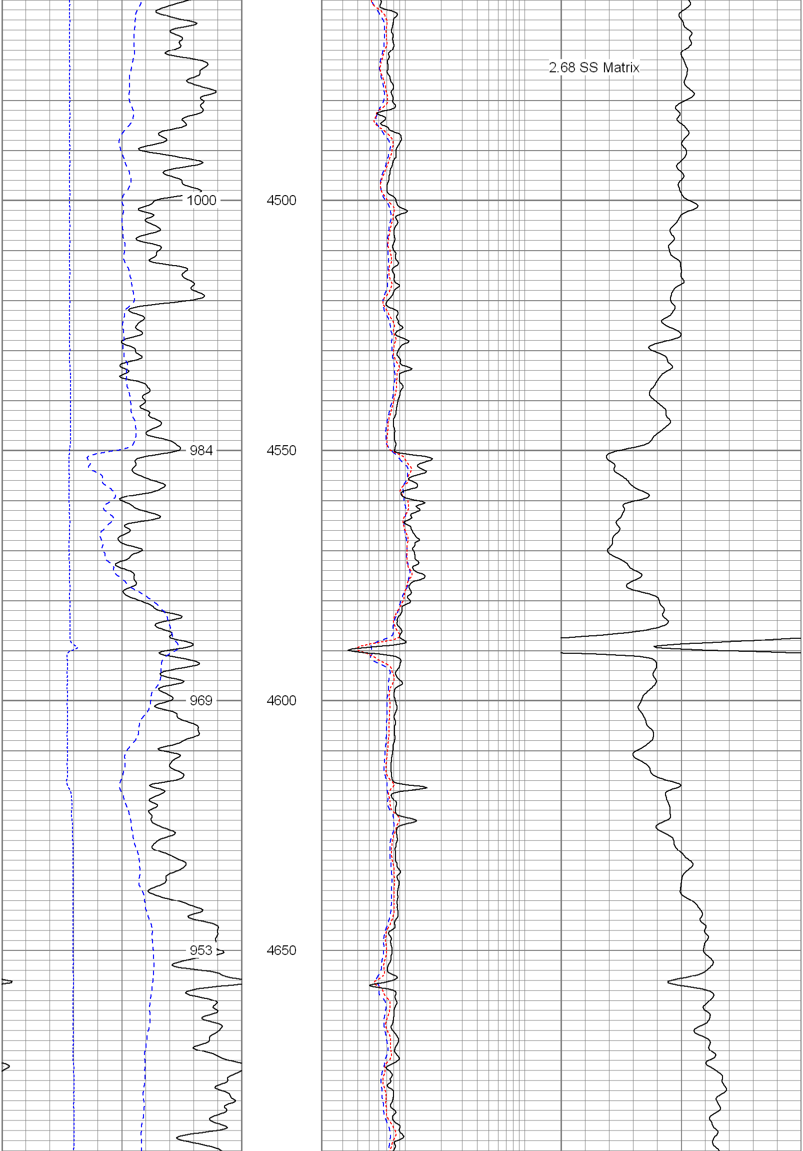
## Comments

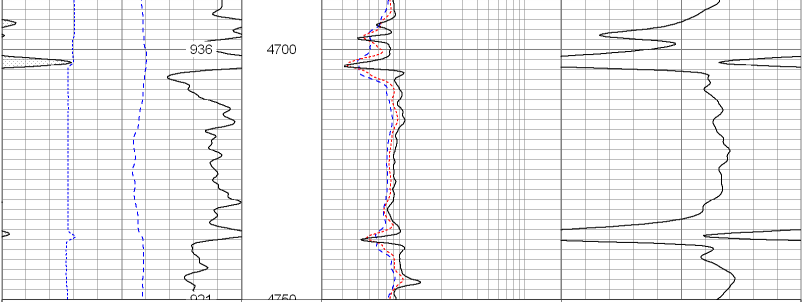
Annular volume calculated for 4-1/2" casing
Ensign Drilling Rig 31
Thank you for using Phoenix Surveys!!
API #: 05-123-23486-00
No Repeat Pass due to hole conditions.

| | |
|---|---|
| Database File: | 6086.db |
| Dataset Pathname: | final |
| Presentation Format: | pdc1 |
| Dataset Creation: | Sat May 20 06:16:45 2006 |
| Charted by: | Depth in Feet scaled 1:240 |

| | | |
|---|---|---|
| 6 | Density Caliper (in) | 16 |
| 30 | Gamma Ray (GAPI) | 130 |
| 100 | SP (mV) | 200 |
| 2 | Deep Resistivity (Ohm-m) | 200 |
| 2 | Medium Resistivity (Ohm-m) | 200 |
| 2 | Shallow Resistivity (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 |
| 100 SP (mV) 200 | | 2 Shallow Resistivity (Ohm-m) 200 | |

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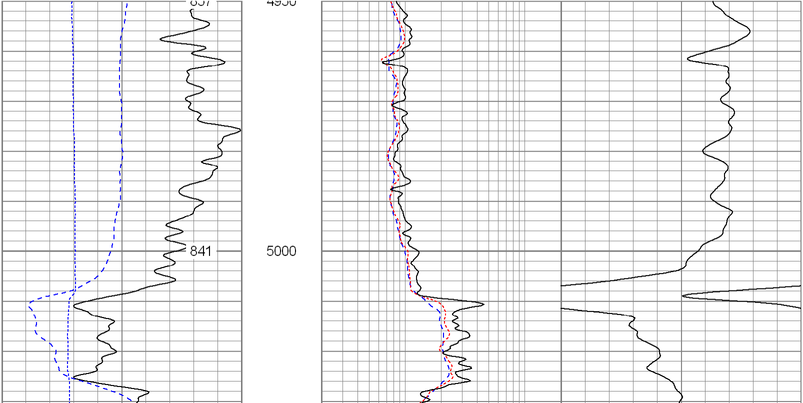

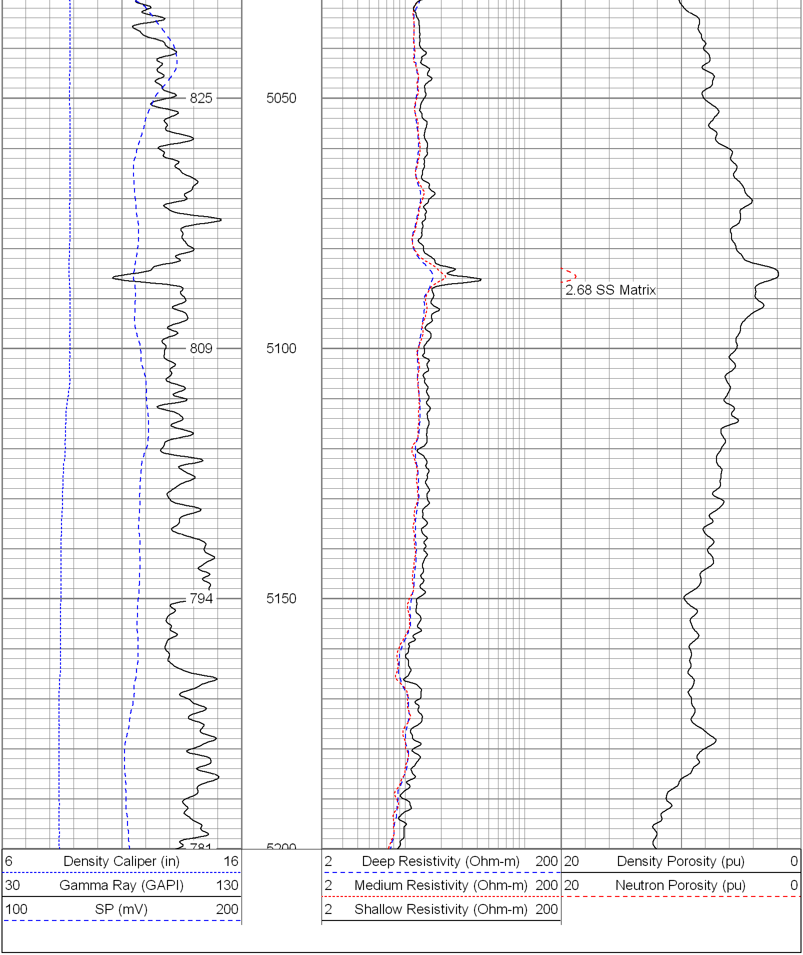

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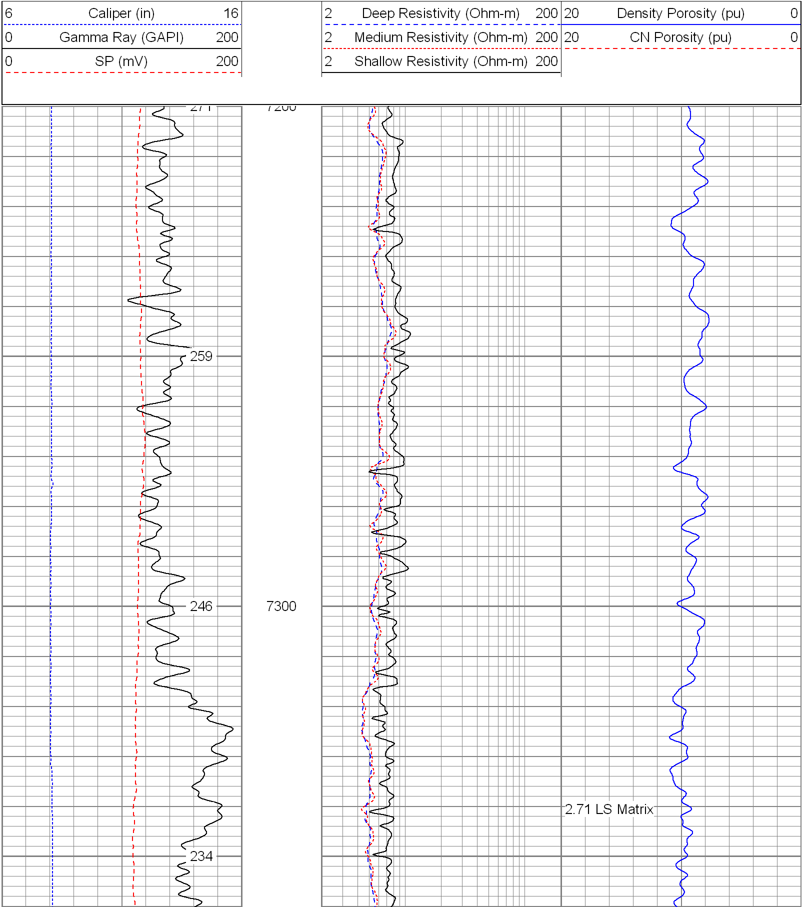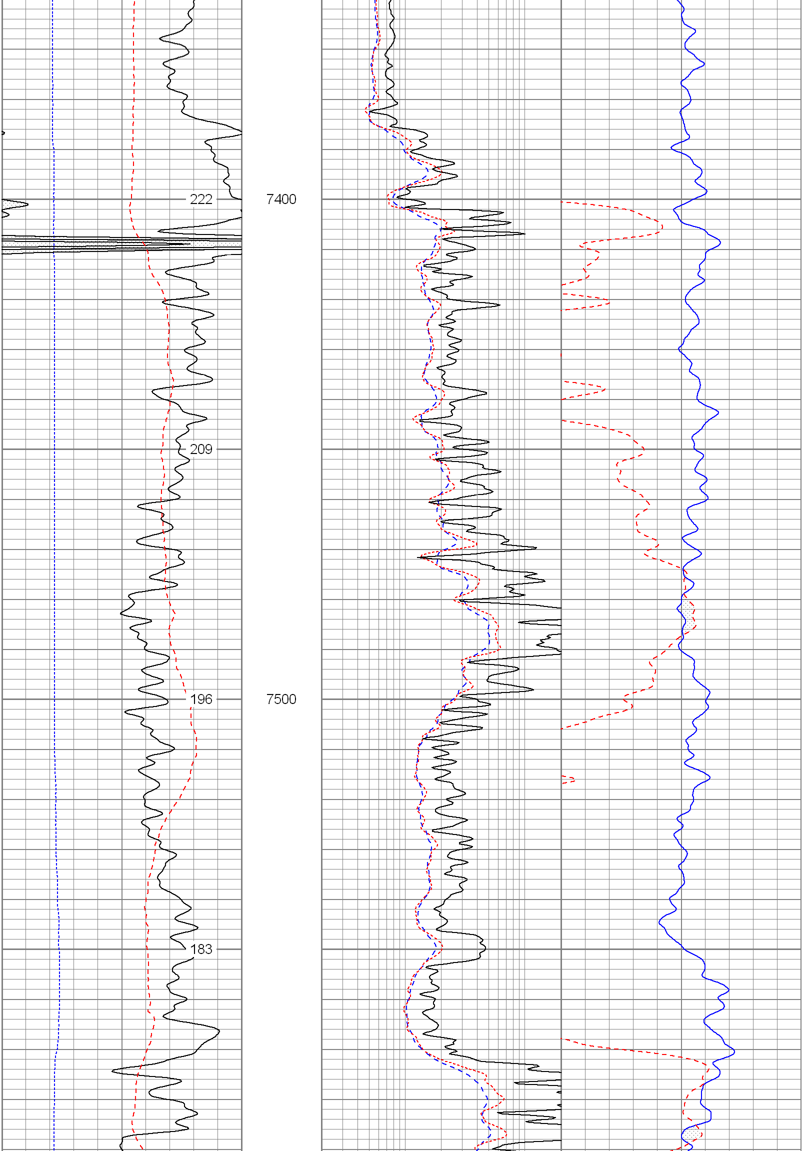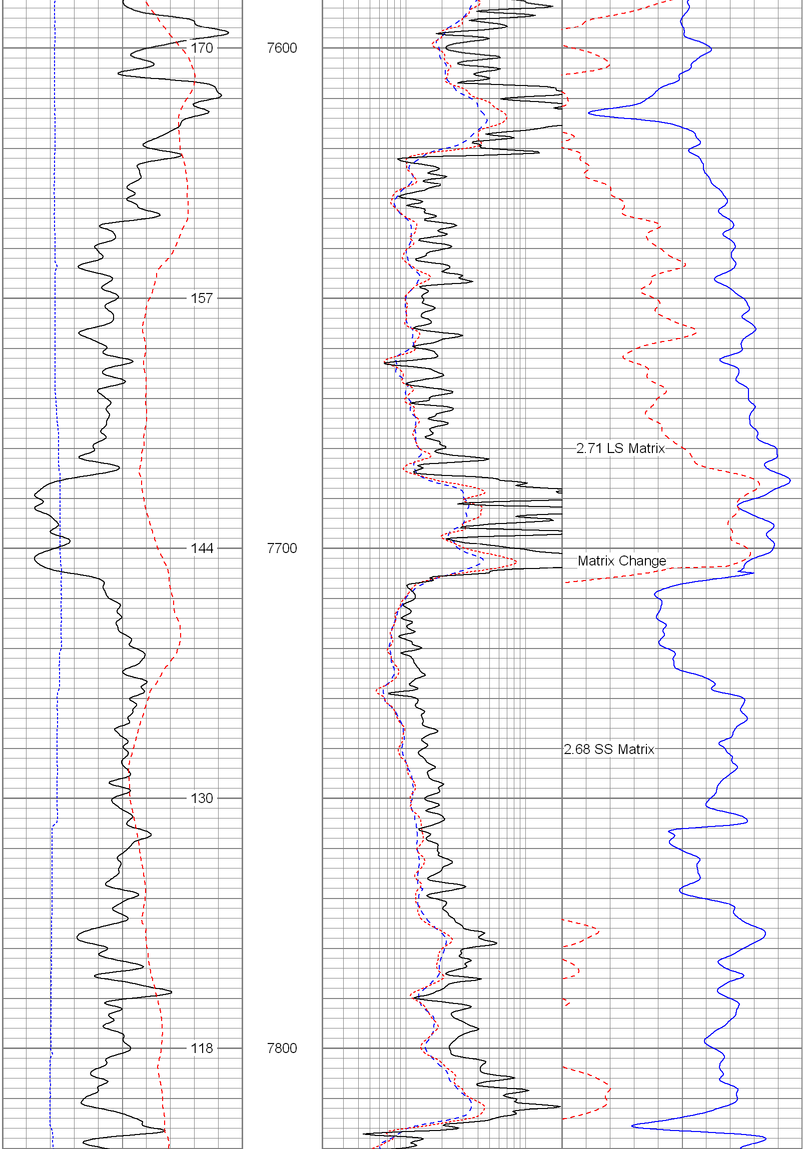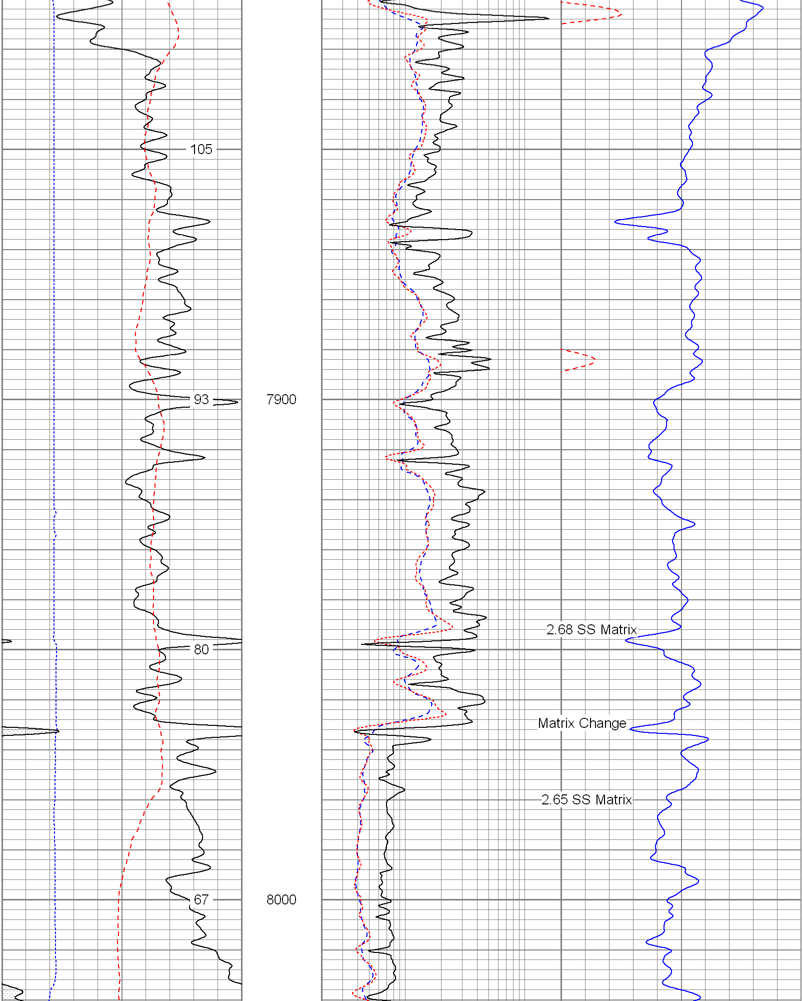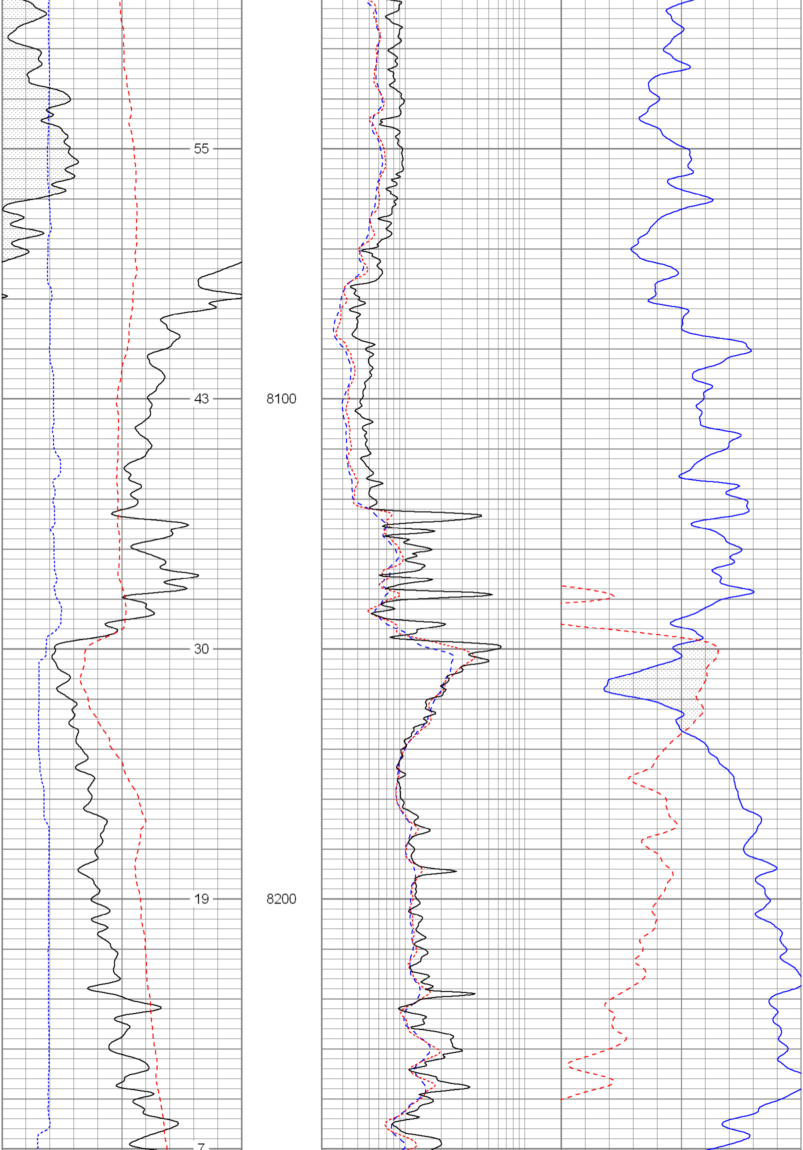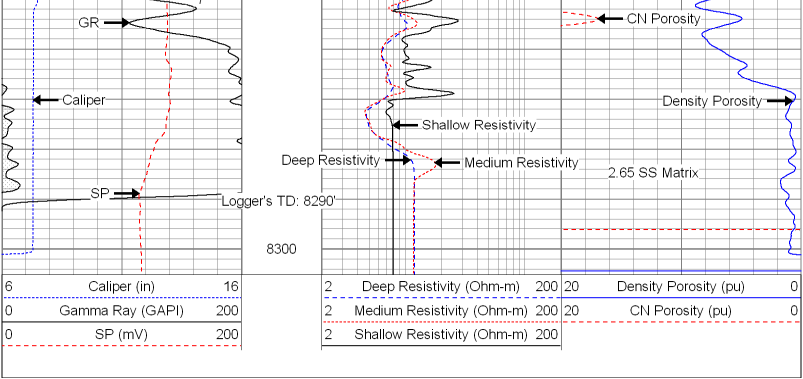
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0 Gamma Ray (GAPI) 200
0 SP (mV) 200
2 Deep Resistivity (Ohm-m) 200
2 Medium Resistivity (Ohm-m) 200
2 Shallow Resistivity (Ohm-m) 200
20 Density Porosity (pu) 0
20 CN Porosity (pu) 0
271
7200
259
246
7300
234
2.71 LS Matrix