# LOG-TECH

DIGITAL LOG (785) 625-3858

# Microresistivity Log

API No. 15-065-23,795-00-00

| | |
|---|---|
| Company | Richland Oil Investments, LLC. |
| Well | Grecian Trust No. 1-29 |
| Field | Harrold North |
| County | Graham |
| State | Kansas |
| Location | 1910' FNL & 1200' FWL |
| Sec: | 29 |
| Twp: | 9 S |
| Rge: | 21 W |

Other Services: CNL/CDL, DIL

Elevation: K.B. 2339, D.F. 2338, G.L. 2331

| | | | | |
|---|---|---|---|---|
| Permanent Datum | Ground Level | Elevation 2331 | | |
| Log Measured From | Kelly Bushing | 8 Ft. Above Perm. Datum | | |
| Drilling Measured From | Kelly Bushing | | | |
| Date | 1/3/2012 | | | |
| Run Number | Two | | | |
| Depth Driller | 3889 | | | |
| Depth Logger | 3887 | | | |
| Bottom Logged Interval | 3886 | | | |
| Top Log Interval | 3200 | | | |
| Casing Driller | 8.625 @ 222 | | | |
| Casing Logger | 222 | | | |
| Bit Size | 7.875 | | | |
| Type Fluid in Hole | Chemical | | | |
| Salinity, ppm CL | 6,000 | | | |
| Density / Viscosity | 8.9 / 55 | | | |
| pH / Fluid Loss | 10.5 / 7.2 | | | |
| Source of Sample | Flowline | | | |
| Rm @ Meas. Temp | .75 @ 50 | | | |
| Rmf @ Meas. Temp | .56 @ 50 | | | |
| Rmc @ Meas. Temp | 1.01 @ 50 | | | |
| Source of Rmf / Rmc | Charts | | | |
| Rm @ BHT | .32 @ 117 | | | |
| Operating Rig Time | 4 Hours | | | |
| Max Rec. Temp. F | 117 | | | |
| Equipment Number | 91 | | | |
| Location | Hays | | | |
| Recorded By | K. Bange | | | |
| Witnessed By | Richard Bell | | | |

<<< Fold Here >>>

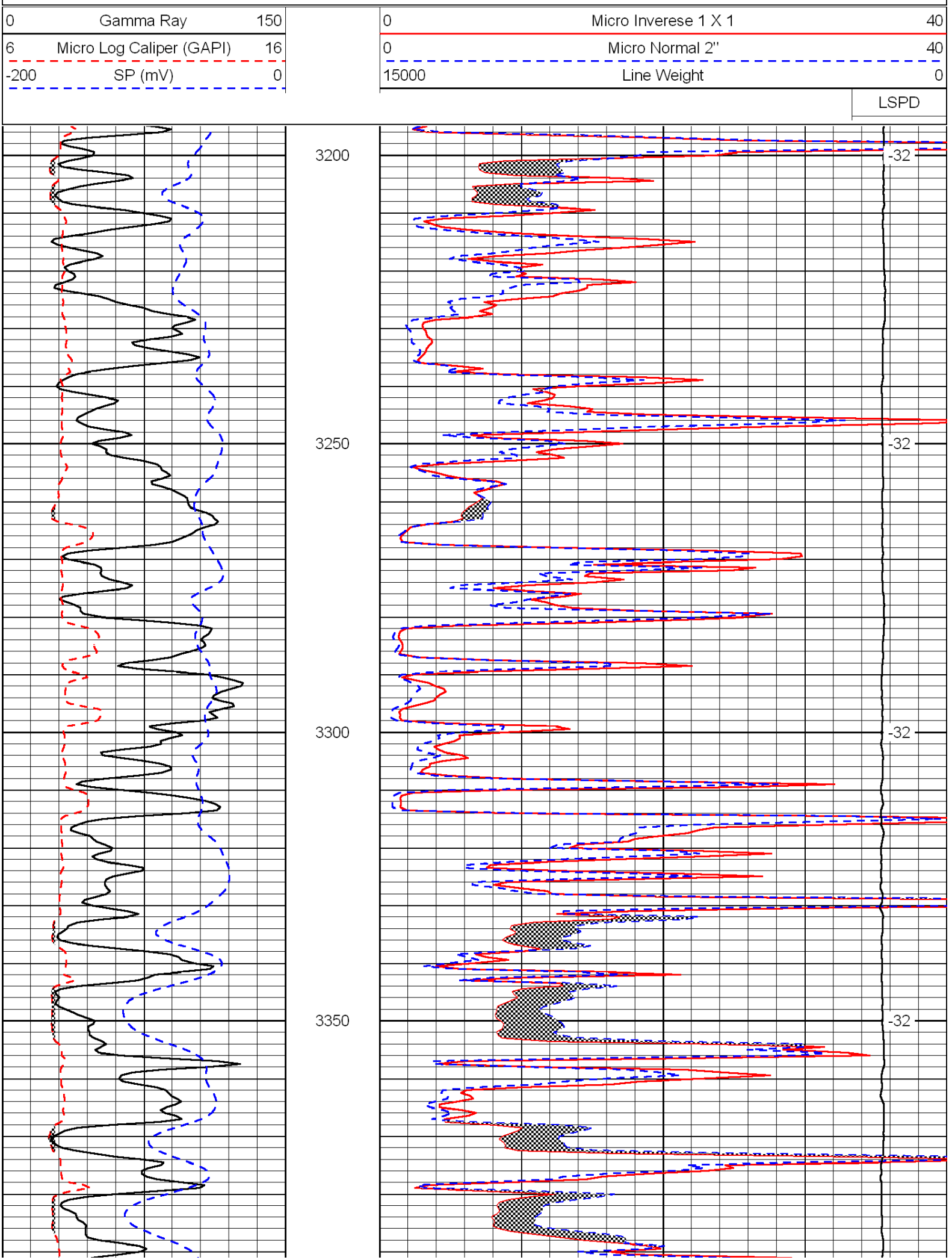
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

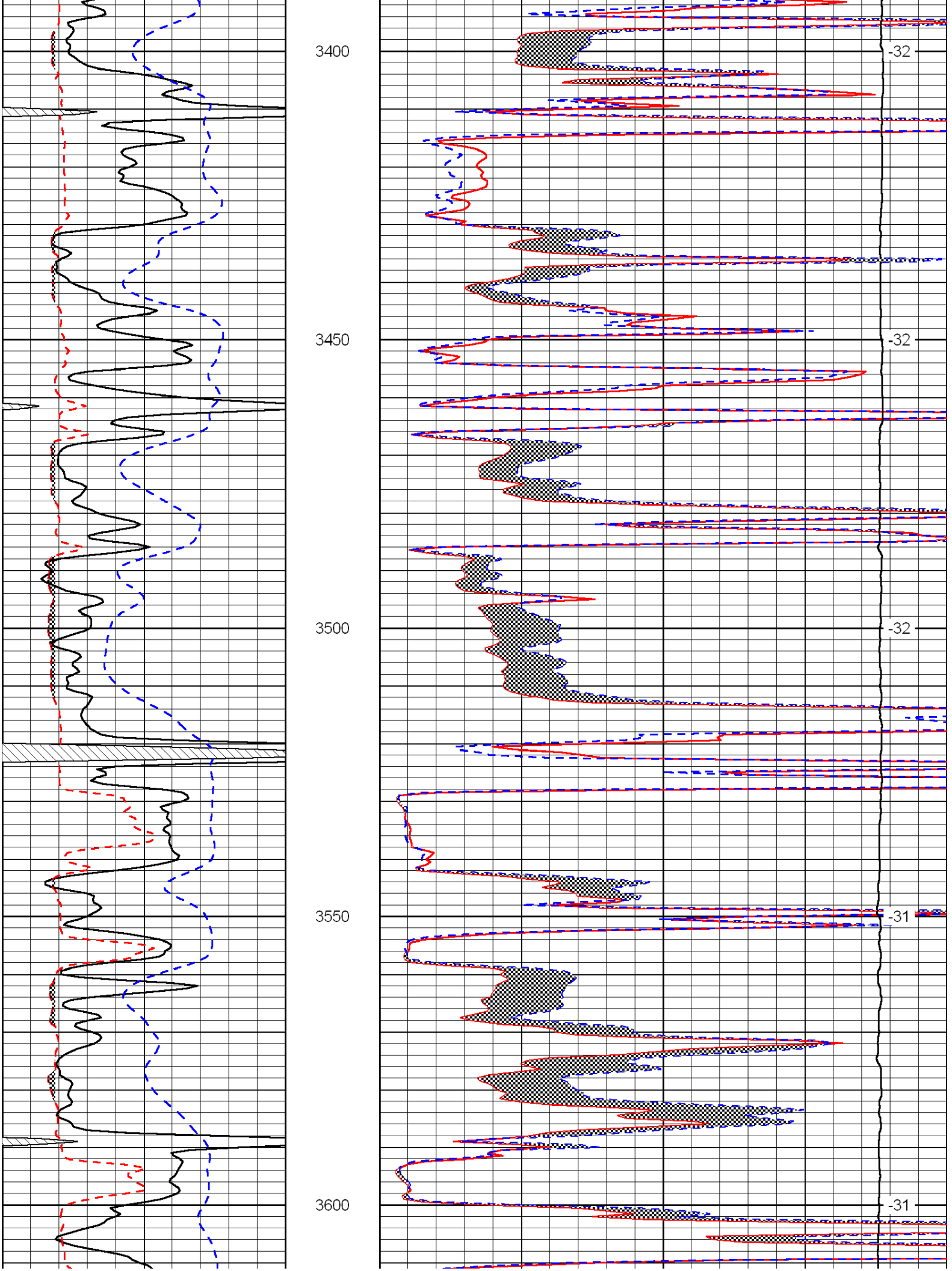
## Comments

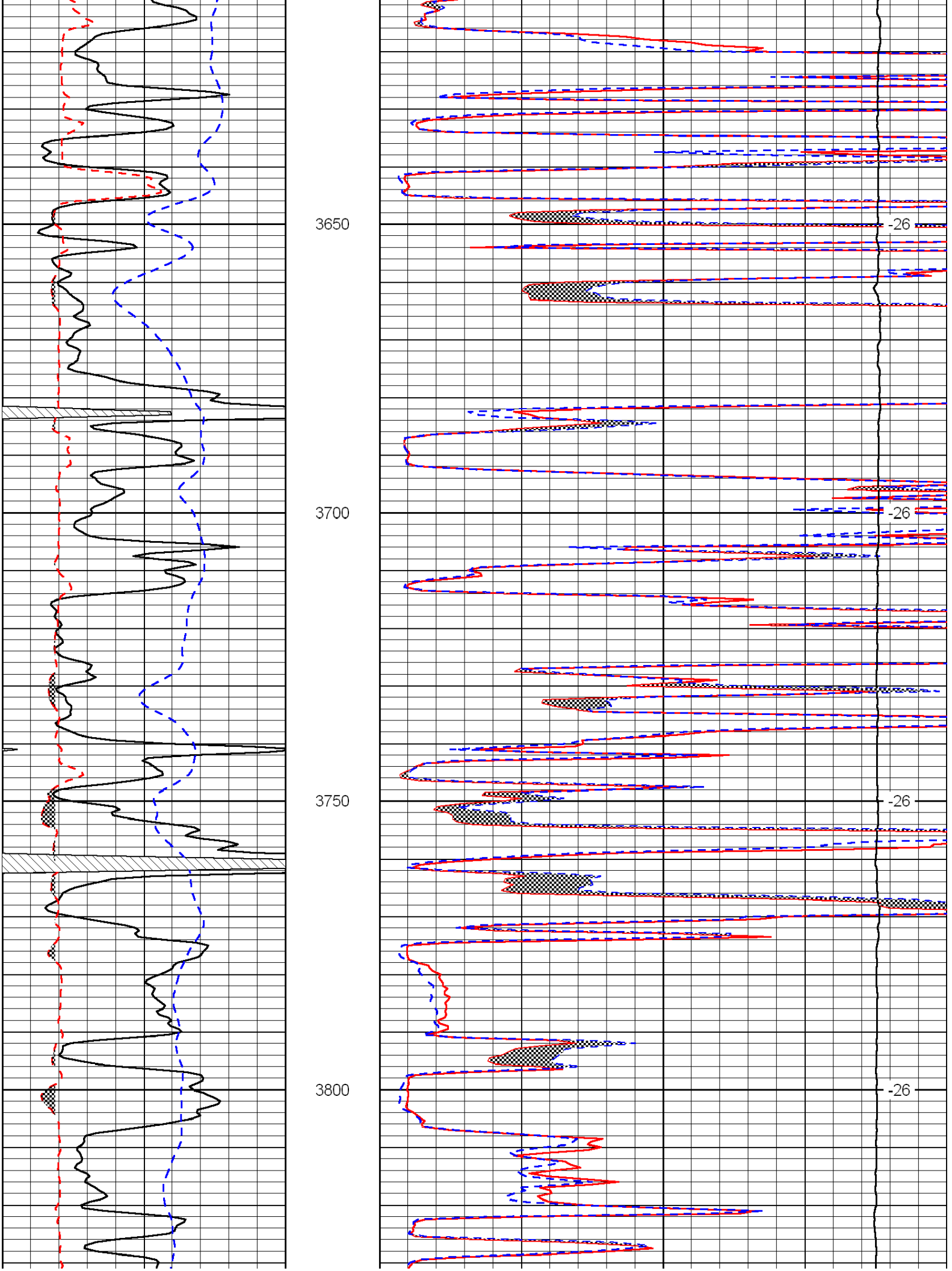
Thank you for using Log-Tech, Inc.
(785) 625-3858

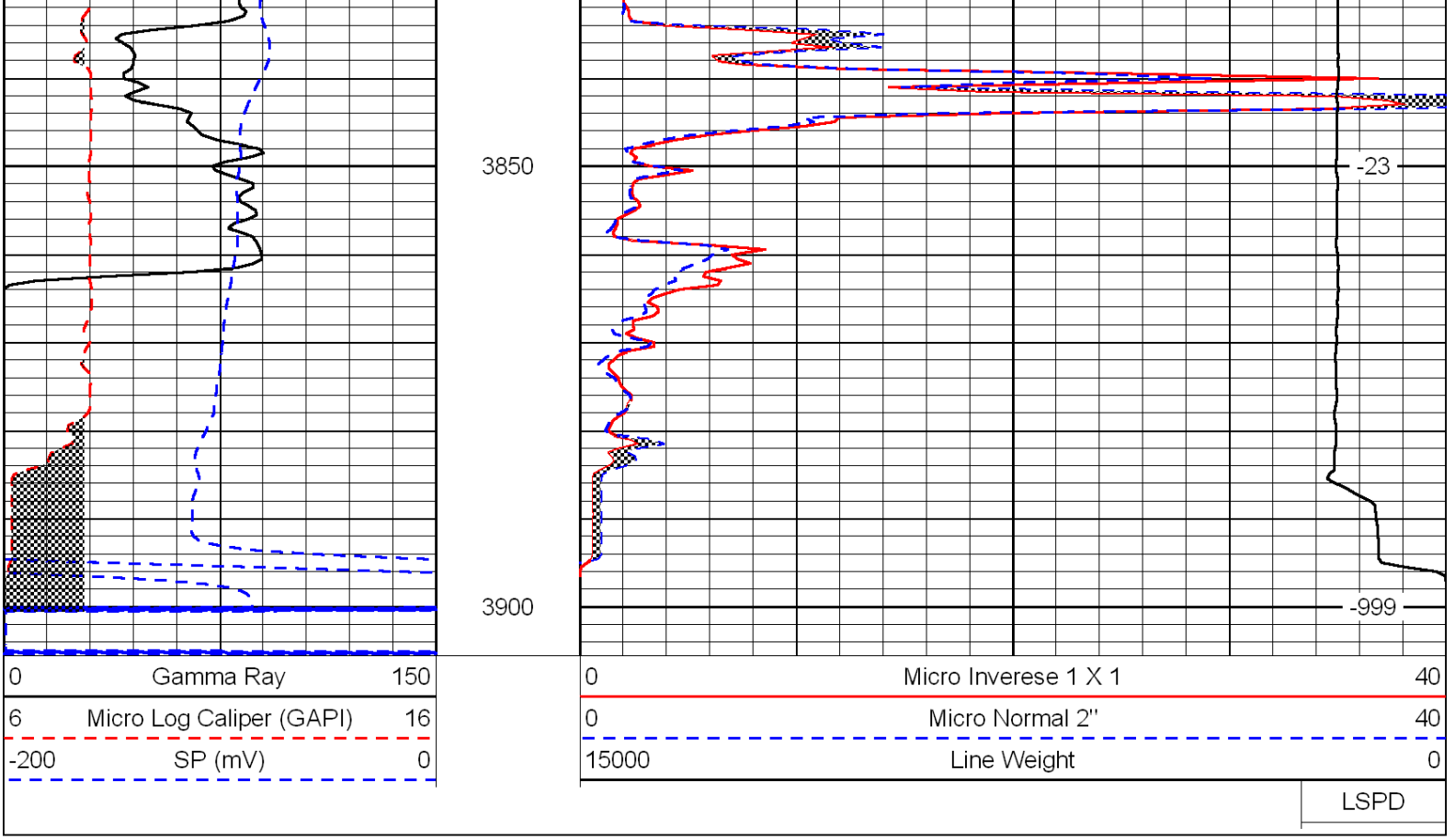
Riga rd, N to county line (T intesection)
3 W to 350 rd, N to Red Line (H rd),
1/4 N, E into

| | |
|---|---|
| Database File: | c:\warrior\data\richland_grecian trust no. 1-29\richland010312hd.db |
| Dataset Pathname: | dil/richstack |
| Presentation Format: | micro |
| Dataset Creation: | Tue Jan 03 12:32:31 2012 |
| Charted by: | Depth in Feet scaled 1:240 |


0 Gamma Ray 150
6 Micro Log Caliper (GAPI) 16
-200 SP (mV) 0
0 Micro Inverese 1 X 1 40
0 Micro Normal 2" 40
15000 Line Weight 0
LSPD
3200
3250
3300
3350
-32
-32
-32
-32


3400
3450
3500
3550
3600
-32
-32
-32
-31
-31


3650
3700
3750
3800
-26
-26
-26
-26




| | | |
|---|---|---|
| 0 | Gamma Ray | 150 |
| 6 | Micro Log Caliper (GAPI) | 16 |
| -200 | SP (mV) | 0 |

| | | |
|---|---|---|
| 0 | Micro Inverese 1 X 1 | 40 |
| 0 | Micro Normal 2" | 40 |
| 15000 | Line Weight | 0 |

LSPD