



## Dual Compensated Porosity Log

DIGITAL LOG (785) 625-3858

API No.

15-109-20,871-00-00

Company K&B Norton Oil & Investments, LLC.

Well Younkin Ranch No. 1

Field Wildcat

County Logan

State Kansas

Location 345' FSL & 2175' FEL

Sec: 3

Twp: 14 S

Rge: 34 W

Other Services  
DIL  
MEL/BHCS

Permanent Datum Ground Level Elevation 2901

Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum

K.B. 2906  
D.F.  
G.L. 2901

Date 11/27/2009

Run Number One

Type Log CNL / CDL

Depth Driller 4500

Depth Logger 4499

Bottom Logged Interval 4478

Top Logged Interval 3600

Type Fluid In Hole Chemical

Salinity, PPM CL 5,400

Density 9.3

Level Full

Max. Rec. Temp. F 123

Operating Rig Time 5 Hours

Equipment -- Location 4 Hays

Recorded By K. Bange

Witnessed By Steve Murphy

Borehole Record

Casing Record

| Run No | Bit   | From | To  | Size  | Wgt. | From | To  |
|--------|-------|------|-----|-------|------|------|-----|
| One    | 12.25 | 00   | 280 | 8.625 | 23#  | 00   | 280 |
| Two    | 7.875 | 280  | TD  |       |      |      |     |
|        |       |      |     |       |      |      |     |
|        |       |      |     |       |      |      |     |
|        |       |      |     |       |      |      |     |
|        |       |      |     |       |      |      |     |
|        |       |      |     |       |      |      |     |
|        |       |      |     |       |      |      |     |
|        |       |      |     |       |      |      |     |

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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

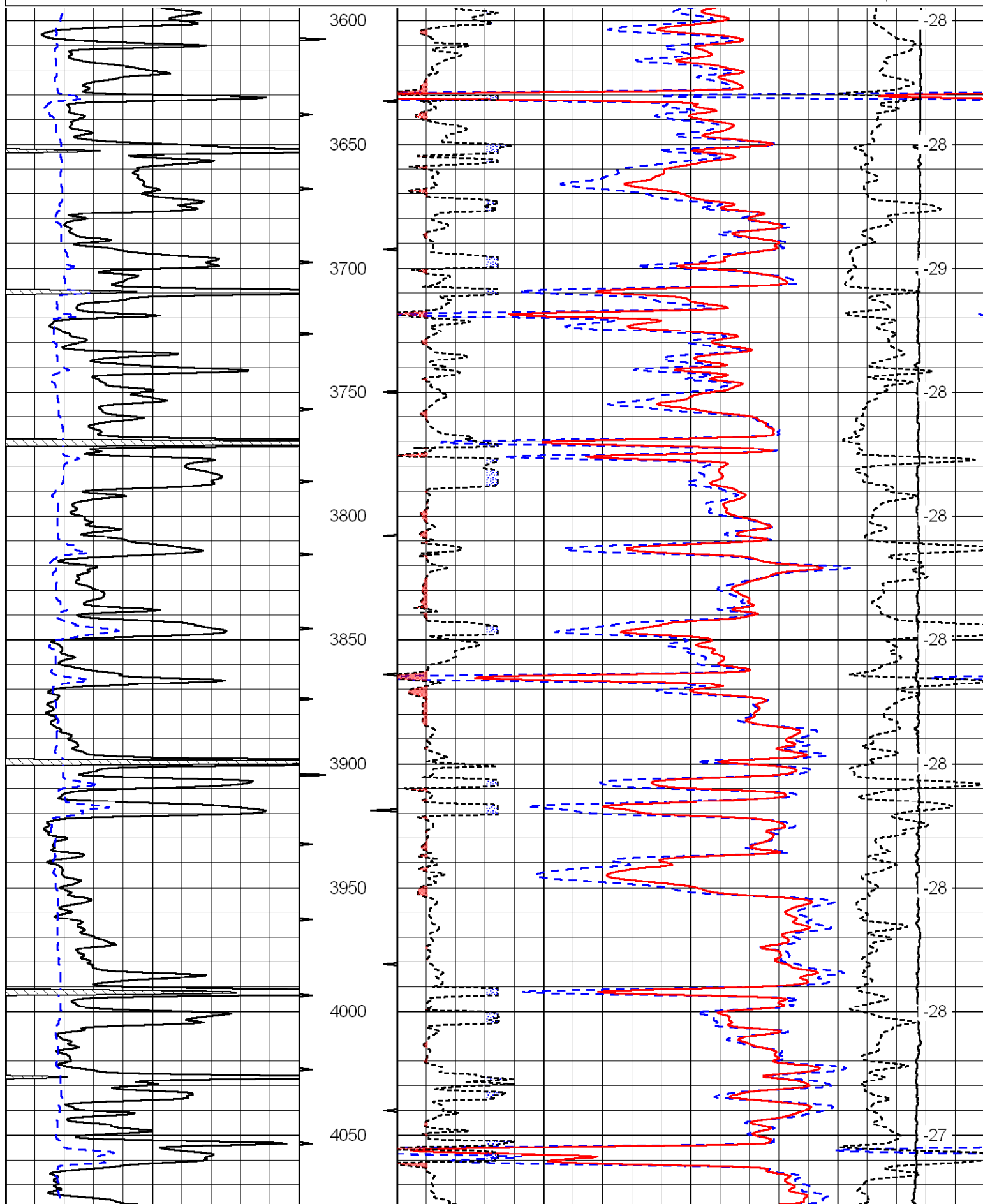
Thank you for using Log-Tech, Inc.  
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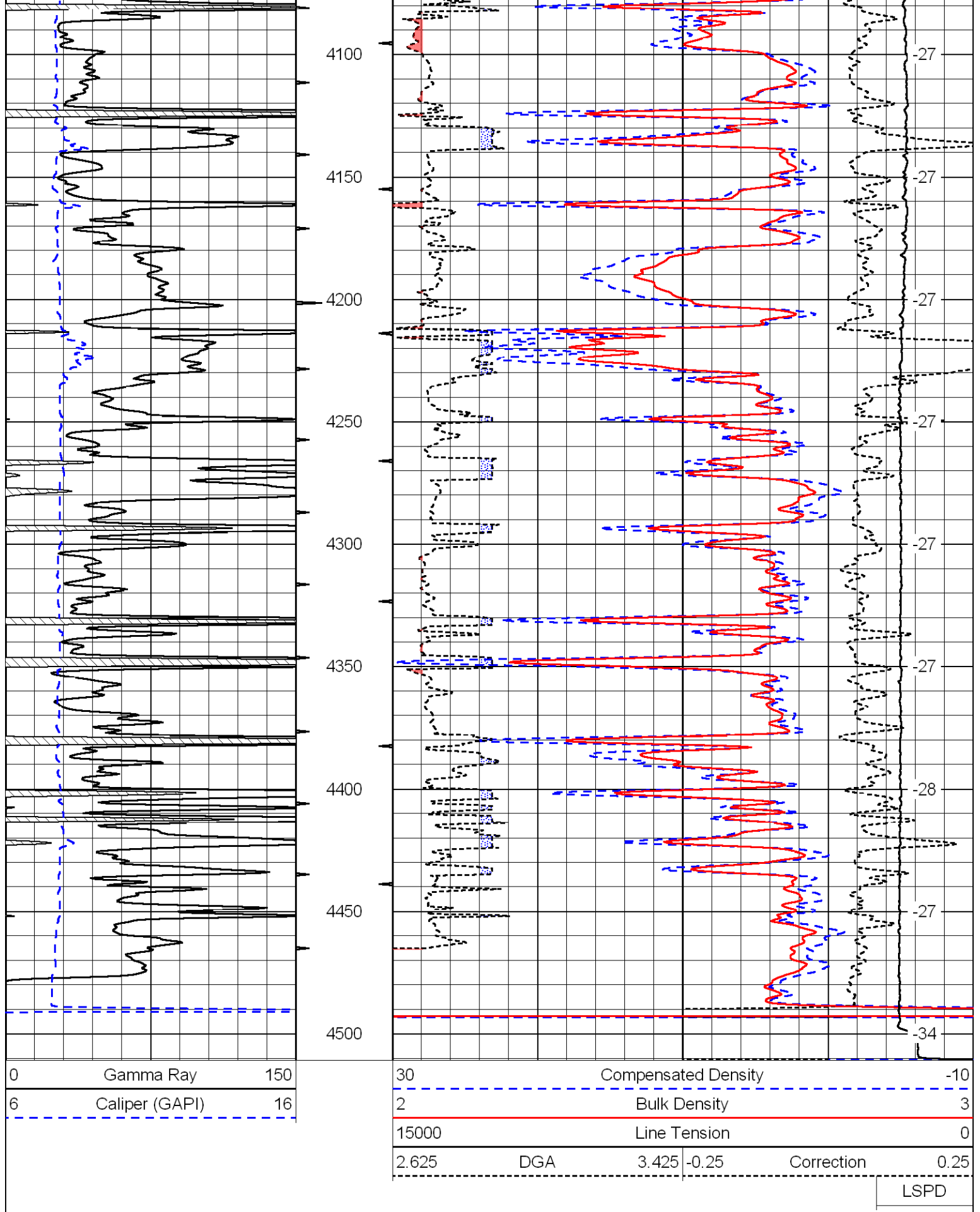
Monument, 20 S on 350th to Indian, 3 W to 320th, 2 S to Gold, E into

Database File: kbnot112709hd.db  
Dataset Pathname: dil/kb2in2  
Presentation Format: cdl  
Dataset Creation: Fri Nov 27 22:06:50 2009  
Charted by: Depth in Feet scaled 1:600

|   |                |     |
|---|----------------|-----|
| 0 | Gamma Ray      | 150 |
| 6 | Caliper (GAPI) | 16  |

|       |                     |       |       |            |      |
|-------|---------------------|-------|-------|------------|------|
| 30    | Compensated Density |       |       |            | -10  |
| 2     | Bulk Density        |       |       |            | 3    |
| 15000 | Line Tension        |       |       |            | 0    |
| 2.625 | DGA                 | 3.425 | -0.25 | Correction | 0.25 |
|       |                     |       |       |            | LSPD |





Database File: kbnort112709hd.db  
Dataset Pathname: dil/kb2in2  
Presentation Format: cndlspec  
Dataset Creation: Fri Nov 27 22:06:50 2009

|   |             |     |
|---|-------------|-----|
| 0 | Gamma Ray   | 150 |
| 6 | dcal (GAPI) | 16  |

|       |                                 |       |       |            |      |
|-------|---------------------------------|-------|-------|------------|------|
| 30    | Compensated Neutron (Limestone) |       |       |            | -10  |
| 30    | Compensated Density (2.71 ma)   |       |       |            | -10  |
| 2.625 | DGA                             | 3.425 | -0.25 | Correction | 0.25 |
| 15000 | Line Tension                    |       |       |            | 0    |

LSPD

