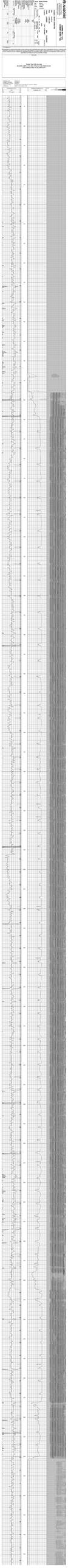

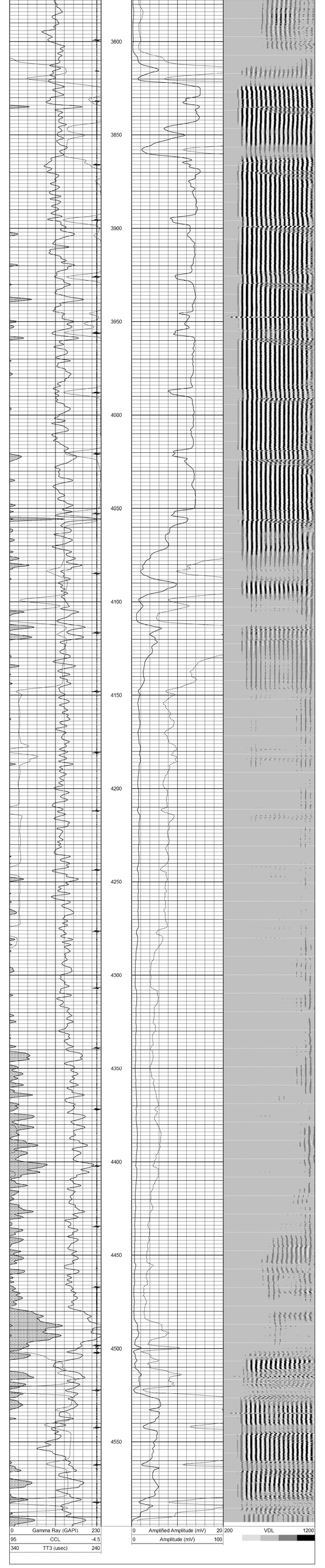

| | |
|---|---|
| Company | MAGPIE OPERATING |
| Well | HALE #2 |
| Field | LOVELAND |
| County | LARIMER |
| State | COLORADO |

**NABORS**
COMPLETION
& PRODUCTION
SERVICES CO.

# GAMMA RAY / CCL
# CEMENT BOND / VDL

Company MAGPIE OPERATING
Well HALE #2
Field LOVELAND
County LARIMER State COLORADO

Location: API # : 05-069-06050
SE/SE
SEC 31 TWP 5N RGE 68W

Other Services

Permanent Datum GROUND LEVEL Elevation 5084
Log Measured From KELLY BUSHING
Drilling Measured From KELLY BUSHING, 11'

Elevation
K.B. 5095
D.F.
G.L. 5084

| | | | |
|---|---|---|---|
| Date | 5-22-14 | | |
| Run Number | ONE | | |
| Depth Driller | | | |
| Depth Logger | | | |
| Bottom Logged Interval | 4600' | | |
| Top Log Interval | SURFACE | | |
| Casing Size | 5 1/2" | | |
| Type Fluid | WATER | | |
| Max. Recorded Temp. | | | |
| Estimated Cement Top | | | |
| Time Well Ready | | | |
| Time Logger On Bottom | | | |
| Unit Number | 92-0438 | | |
| Tool Size / ID Number | 2 3/4"TEKCO | | |
| Location | FT.LUPTON | | |
| Recorded By | BRACKELSBERG | | |
| Witnessed By | MR.WARNER | | |

| Borehole Record | | | | Tubing Record | | | |
|---|---|---|---|---|---|---|---|
| Run Number | Bit | From | To | Size | Weight | From | To |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| Casing Record | Size | Wgt/Ft | Top | Bottom |
|---|---|---|---|---|
| Surface String | | | | |
| Prot. String | | | | |
| Production String | | | | |
| Liner | | | | |

<<< 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 CALLING
NABORS COMPLETION AND PRODUCTION SERVICES CO.
LOG COROLATED TO CBL/GR 8-23-76

Database File: cblhale2.db
Dataset Pathname: run2/pass5
Presentation Format: nuexbond
Dataset Creation: Thu May 22 07:41:23 2014 by Log SCH 120430
Charted by: Depth in Feet scaled 1:240

| | | |
|---|---|---|
| 0 | Gamma Ray (GAPI) | 230 |
| 95 | CCL | -4.5 |
| 340 | TT3 (usec) | 240 |
| 0 | Amplified Amplitude (mV) | 20 |
| 0 | Amplitude (mV) | 100 |
| 200 | VDL | 1200 |

3800
3850
3900
3950
4000
4050
4100
4150
4200
4250
4300
4350
4400
4450
4500
4550
0 Gamma Ray (GAPI) 230
95 CCL -4.5
340 TT3 (usec) 240
0 Amplified Amplitude (mV) 20
0 Amplitude (mV) 100
200 VDL 1200