**NABORS**
COMPLETION & PRODUCTION SERVICES CO.

# Gamma Ray, Cement Bond, Variable Density, CCL

| | |
|---|---|
| Company | Noble Energy |
| Well | Bickling 03-44 |
| Field | Wattenberg |
| County | Weld |
| State | Colorado |
| Country | USA |

API #: 05-123-18623

Location: SE / SE

SEC 3 TWP 6N RGE 65W

Other Services

| | | | |
|---|---|---|---|
| Permanent Datum | Ground Level | Elevation 4795' | Elevation<br>K.B. 4806'<br>D.F. 4805'<br>G.L. 4795' |
| Log Measured From | Kelly Bushing | | |
| Drilling Measured From | Kelly Bushing | | |

| | |
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| | |
|---|---|
| Date | November 21, 2014 |
| Run Number | 1 |
| Depth Driller | 7355' |
| Depth Logger | 4000' |
| Bottom Logged Interval | 4000'-0' |
| Top Log Interval | |
| Open Hole Size | |
| Type Fluid | water |
| Density / Viscosity | |
| Max. Recorded Temp. | n/a |
| Estimated Cement Top | |
| Time Well Ready | |
| Time Logger on Bottom | |
| Equipment Number | 3312 2-3/4" TeKco |
| Location | WCRs74+45,S8/10,Winto |
| Recorded By | Jake Meisner |
| Witnessed By | Kevin Monaghan |

| 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 | 3.5" | | | |
| Liner | | | | |

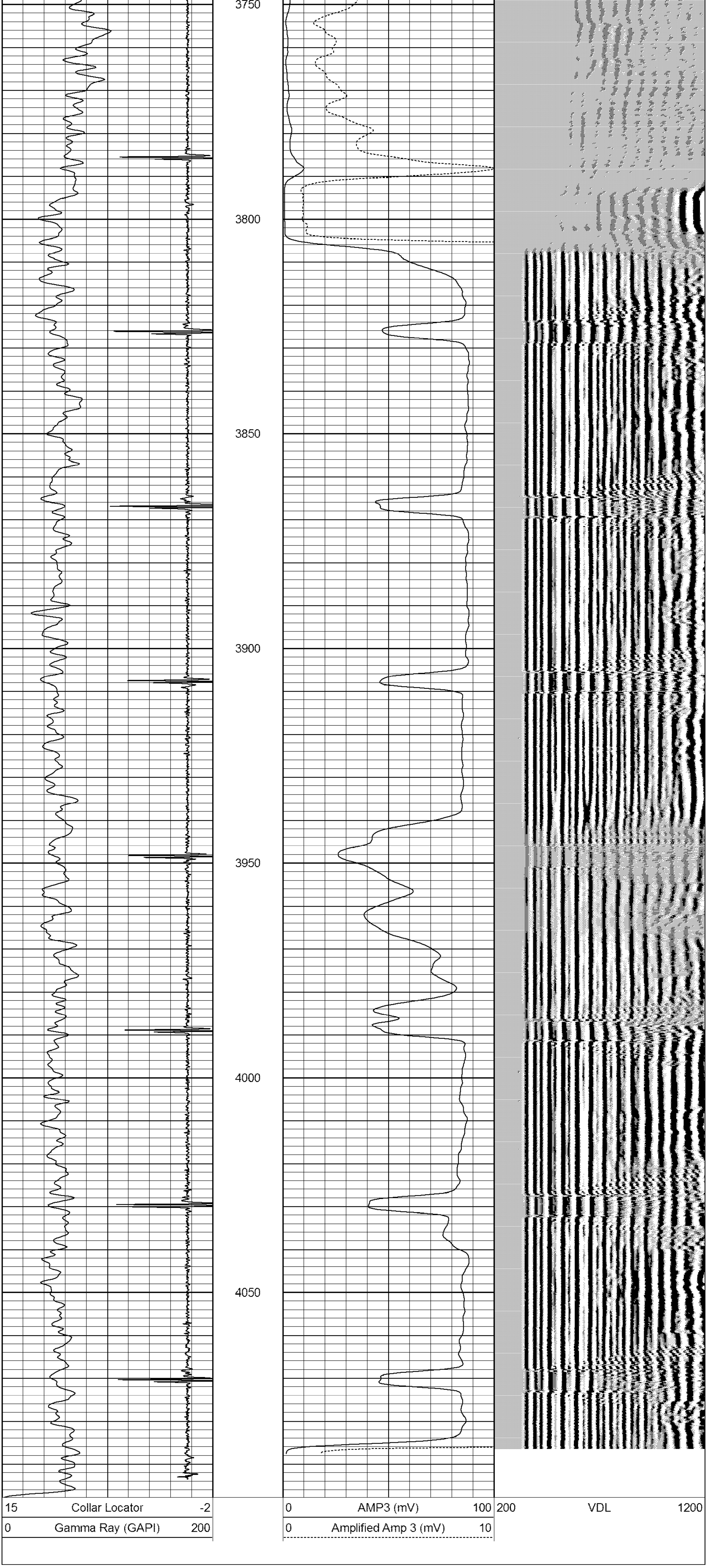
<<< Fold Here >>>

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 choosing Nabors

| | |
|---|---|
| Database File: | nblbickling344.db |
| Dataset Pathname: | pass1 |
| Presentation Format: | cbl_drs |
| Dataset Creation: | Fri Nov 21 12:53:12 2014 by Log Std Casedhole 10081 |
| Charted by: | Depth in Feet scaled 1:240 |


3750
3800
3850
3900
3950
4000
4050
15 Collar Locator -2
0 Gamma Ray (GAPI) 200
0 AMP3 (mV) 100
0 Amplified Amp 3 (mV) 10
200 VDL 1200