

LOG created using Lplot VH Version 3.0, December 10, 2012. Copyright (C) 1999-2009 Pason Systems Corp.

**OPERATOR:** ENCA OIL & GAS (USA), INC.

**WELL:** GURTLER 2A-30H

**LOCATION:** NWNW S30 T2N R64W

**COUNTY:** WELD

**STATE:** COLORADO

**SPOT:** 210' FNL, 868' FWL

**ELEVATION:** GL 4928', KB 4941'

**FIELD:** WATTENBERG

**SPUD DATE:** 11/25/2012

**TD DATE:** 12/10/2012

**DATES LOGGED:** 11/29/2012 - 12/10/2012

**DEPTHs LOGGED:** 5,000' - 14,182'

**LOGGERS:** RUSSELL FROMMER, SETH CHAMBERLAIN

**DRILLING FLUID:** H2O, LSND

**DRILLING RIG:** ENSIGN 124

**API:** 05-123-35980

**LOG TYPE:** VERTICAL

**SCALE:** 1:240 (5 inches per 100 feet)

**REMARKS:**

ALL DEPTH MEASUREMENTS ARE FROM KELLY BUSHING AND ARE BASED OFF OF THE DRILLER'S PIPE TALLY; ROCK SAMPLES ARE DESCRIBED AS SHOWN IN THE WELL UNLESS OTHERWISE NOTED; COLORS ARE BASED ON THE GEOLOGICAL ROCK-COLOR CHART (ed. 2009) WITH STANDARDS SET BY GSA, AAPG & SWPA; <LOG CONTINUED ON GURTLER 2A-30H HORIZONTAL> MUD LOGGING SERVICES PROVIDED BY COLUMBINE LOGGING, INC.

