GEOLOGIC WELL PROGNOSIS

COMPANY: Methane Energy
WELL NAME: Boys Ranch Corehole

ANTICIPATE SPUD DATE: November 2004
TWIN: CEI WNS MENASHA #32-1

SURFACE LOCATION: Approx. 2000’ FSL, 2400’ FEL
ESTIMATED TD: 1600 Feet

LEGAL LOCATION: SEC 32, T26S-R13W
ELEV. & TOPO: 165’ ASL ( )

COUNTY: Coos
STATE: Oregon

TERRAIN & ACCESS: Hillside terrace; access good near paved hiway; gravel road to location

OBJECTIVE FORMATION: Lower Coaledo Fm.
HIGHEST DIP: 15° @ 2000’

TYPE OF WELL: Vertical

FORMATIONS TO BE PENETRATED: TOPS EST. THICKNESS DOM. LITHOS.
Surface gravels Surface 10’ Sand, gravel, clay
Middle Coaledo Fm.
Lower Coaledo Fm.
Coal Zone 565’ 4’ coal
Coal Zone 710’ 2’ coal
Coal Zone 930’ 4’ coal
Coal Zone 942’ 2’ coal
Coal Zone 1260’ 8’ coal
Coal Zone 1361’ 7’ coal
Coal Zone 1396’ 6’ coal
Coal Zone 1517’ 5’ coal

TD (1600’) Sandstone, siltstone

POSSIBLE TEST, CORE

UNUSUAL CONDITIONS (LOST CIRC., SHALLOW BLOW-OUTS, WATER FLOWS, H2S, ETC.):
Steep dips, deviation potential unstable hole conditions;

MUD UNIT (DEPTHS & TYPE): Two-man logging unit with gas detection, chromatograph, etc.

LOGGING PROGRAM: State required minimum

SPEC. SURVEYS: Continuous core through coal intervals. Desorption sampling in coals. Sample produced
gas and water

REFERENCE WELLS: CEI WNS – Menasha 32-1, Rhoades Menasha #1

COMMENTS: Detailed drilling, coring and well history available from CEI WNS-Menasha #32-1 well;

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