

STERLING DRILLING CO.

BOX 129

STERLING, KANSAS 67579

WELL LOG - - - - - MALS #3-14

Located: NW NW NE, Section 14-24S-17W, Edwards County,
Kansas

OWNER: F. G. Holl

ROTARY DRILLING CONTRACTOR: Sterling Drilling Company

COMMENCED: January 10, 1983

COMPLETED: January 16, 1983

TOTAL DEPTH: 4450'

LOG

0 - 90 Surface Soil and Sand
90 - 265 Shale
265 - 700 Shale and Sand
700 - 1117 Shale and Lime
1117 - 1133 Anhydrite
1133 - 4450 Lime and Shale

CASING RECORD

Ran 6 joints 8 5/8", 24# new casing.
249.14' pipe set at 276' K.B.
Cemented with 210 sacks 60/40 Pozmix
with 3% cc. Plug down at 11:30 AM,
1-10-83, by Howco.

Ran 131 joints 4 1/2", 10.5# used
casing and 2 joints 4 1/2", 10.5#
new casing. 4426.13' pipe set at
4435' K.B. Cemented with 100 sacks
Lite and 125 sacks 50/50 Pozmix, plus
regular additives. Plugged rat hole
and water well (used Lite cement).
Plug down at 8:30 AM, 1-16-83, by Howco.

Deviation Surveys: 1/2° at 2174'
1° at 4355'