

Sterling Drilling Company, Rig #4

Box 1006, Pratt, Kansas 67124-1006
Office Phone (316) 672-9508, Fax 672-9509

SAMPLE LOG

Fair 'A' 1-10

LOCATION: 100' South of C N/2 Nw Ne Section 10 T 21s R 11w
API: 15-185-230670000 Stafford County, Kansas

OWNER: F.G. Holl Company, L.L.C.
CONTRACTOR: Sterling Drilling Company, Rig #4

COMMENCED: 21-Nov-97
COMPLETED: 26-Nov-97

TOTAL DEPTH: **DRILLER** 2660 FEET
LOGGER 2658 FEET

Ground Elevation: 1780
KB Elevation: 1789

LOG

0 - 200 FEET Top Soil and Sand
200 - 512 FEET Shale
512 - 530 FEET Anhydrite
530 - 2660 FEET Limestone, Shale and Dolomite

CASING RECORDS

Spud @ 10:30 am on 11-21-97. Drilled 12-1/4" hole to 230'. Ran 5 joints of new 20# 8-5/8" surface casing 216.16' set at 228' KB. Cemented with 240 sacks 60/40 Poz, 2% Gel, 3% CC. Plug down at 2:00 pm on 11-21-97 by HOWCO. Good returns. Ticket # 308185.

Ran 64 jts used 4-1/2" casing. Tallied 2547.03', set at 2556.03' KB. Cemented with 25 sacks lite and 25 sacks FG Holl mix. Plug down at 7:15 am on 11-16-97 by HOWCO. Ticket # 308206. Centralizers on jts 1-3-8-10. Scratchers from 2260'-2310' and 2350'-2400'. Plug rathole with 15 sacks and plug mousehole with 10 sacks.

DEVIATION SURVEYS

1/4 degree(s) at 230 feet
1-1/4 degree(s) at 1630 feet