

STERLING DRILLING CO.

BOX 129

STERLING, KANSAS 67579

WELL LOG ----- IRMA SMITH #1-10

Located: SE SE SW, Section 10-24S-15W, Stafford County,
Kansas

OWNER: F. G. Holl

ROTARY DRILLING CONTRACTOR: Sterling Drilling Company

COMMENCED: May 5, 1983

COMPLETED: May 12, 1983

TOTAL DEPTH: 4235'

LOG

0 - 75 Surface Soil and Sand
75 - 266 Shale
266 - 975 Shale, Sand, Red Bed
975 - 994 Anhydrite
994 - 4205 Lime and Shale
4205 - 4235 Arbuckle

CASING RECORD

Ran 6 joints new 8 5/8", 24# casing.
250.79' pipe set at 263' K.B.
Cemented with 210 sacks 60/40 Pozmix
with 3% cc. Plug down 2:45 PM, 5-5-83,
by Howco.

Ran 9 joints used 4 1/2", 10.5# casing
and 97 joints new 4 1/2", 10.5# casing.
4220.95' pipe set at 4230' K.B. Cemented
with 75 sacks Lite and 125 sacks 50/50
Pozmix plus our regular additives. Plug
down at 8:15 AM, 5-12-83, by Howco.
Cemented rathole with 10 sacks Lite.
Did not pull water well.

Deviation Surveys: 1° at 2152'
 1 1/4° at 3756'
 1° at 3870'
 1 1/2° at 4095'