

STERLING DRILLING CO.

BOX 129

STERLING, KANSAS 67579

WELL LOG - - - - - LEON SMITH #5-10

Located: N/2 N/2 NW, Section 10-24S-17W, Edwards County,
Kansas

OWNER: F. G. Holl

ROTARY DRILLING CONTRACTOR: Sterling Drilling Company

COMMENCED: March 24, 1985

COMPLETED: March 29, 1985

TOTAL DEPTH: 4455'

<u>LOG</u>	<u>CASING RECORD</u>
0 - 80 Surface Soil and Sand	Ran 7 joints new 8 5/8", 23# casing.
80 - 312 Shale	Ran 296.07' pipe set at 309' K.B.
312 - 772 Shale and Sand	Cemented with 235 sacks 60/40 Pozmix with 3% cc. Plug down at 12:30 PM, 3-24-85, by Howco.
772 - 1130 Shale and Red Beds	
1130 - 1149 Anhydrite	
1149 - 2180 Shale and Lime Stringers	
2180 - 4455 Lime and Shale	Ran 111 joints 4 1/2", 10.5# casing. 11 joints were used. 4437.43' pipe set at 4446' K.B. Cemented with 100 sacks Lite and 125 sacks 50/50 Pozmix plus our regular additives and flush ahead. Plugged rathole. Did not plug water well - farmer wants it. Plug down at 6:30 PM, 3-29-85, by Howco.

Deviation Surveys: 1/4° at 2150'
1° at 4365'