

Sterling Drilling Company, Rig #4

Box 1006, Pratt, Kansas 67124-1006

Office Phone (316) 672-9508, Fax 672-9509

SAMPLE LOG

API# 15-185-230340000

Yates "A" 1-1

LOCATION: C Nw Sw Sw

Section 1 T 21S R 11W

Stafford County, Kansas

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

COMMENCED: 01-Oct-96
COMPLETED: 09-Oct-96

TOTAL DEPTH: DRILLER 3500 FEET
LOGGER 3501 FEET

ELEVATIONS: G.L. 1742
K.B. 1751

LOG

0	-	140 FEET	Sand
140	-	465 FEET	Red Bed
465	-	474 FEET	Anhydrite (Drillers Call)
474	-	1450 FEET	Shale and Limestone
1450	-	3500 FEET	Lime/Shales/Dolomite

CASING RECORDS

Spud @ 7:30 am on 10-1-96. Drilled 270' 12-1/4" hole, ran 6 jts new 8-5/8" 23# casing 255.21' set at 268' KB. Cement with 225 ex. 60/40 Poz, 2% Gel, 3% CC. Plug down @ 1:00 pm on 10-01-96 by HOWCO, Ticket # 104661. Good Returns.

Ran 95 joints used 4-1/2". 3486.47' set at 3496' KB. Cemented with 80 sacks HOWCO lite and 150 sacks FG Holl mix with 20 bbl salt flush and 12 bbl super flush ahead. Plug down at 5:30 am on 10-9-96 by HOWCO. Ticket # 104614. Centralizers on 1-7-10-13-17. Scratchers 3075'-3115', 3285'-3365', 3380'-3410'. Plugged rathole with 15 sacks and mousehole with 10 sacks.

DEVIATION SURVEYS

1/2 DEG. @	270 FEET
1.25 DEG. @	1752 FEET
1/2 DEG. @	3140 FEET