

# Sterling Drilling Company, Rig #1

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## SAMPLE LOG

## BROZEK 1-20

**LOCATION:** Sw Se Se Section 20 T 20s R 14w  
**API:** 15-009-24757-0000 Barton County, Kansas

**OWNER:** F.G. Holl Company, L.L.C.  
**CONTRACTOR:** Sterling Drilling Company, Rig #1

**COMMENCED:** 27-Jun-03  
**COMPLETED:** 08-Jul-03

**TOTAL DEPTH:** **DRILLER** 3750 FEET  
**LOGGER** 3747 FEET

**Ground Elevation:** 1898  
**KB Elevation:** 1907

### LOG

0 -	2 FEET	Top Soil
2 -	10 FEET	Fine Sand
10 -	19 FEET	Sand and Gravel
19 -	40 FEET	Clay
40 -	225 FEET	Sand, Gravel and Clays
225 -	861 FEET	Redbeds
861 -	890 FEET	Anhydrite (Driller's)
890 -	1790 FEET	Shales and Salt
1790 -	3593 FEET	Limestone, Shale and Dolomite
3686 -	3750 FEET	Arbuckle

### CASING RECORDS

#### Surface Casing-8-5/8"

Drilled 12-1/4" hole to 892'. Ran 21 joints of new 24# 8-5/8" surface casing. Tally 896' set at 892' KB. Cemented with 210sx A-Con; 3% CC, 1/4#/sx Celloflake and 125 sx common with 2% Gel, 3% CC and 1/4#/sx Celloflake. Plug down at 5:00 am on 6/28/03 by Acid Services. Ticket #6789. Strapped bottom 3 joints, welded collars on remaining 18 joints of surface casing.

#### Plugging Data

Ran 93 joints of used 5-1/2" casing. Tally 3746', set at 3746' KB. Cemented with 100 sx 50/50 Poz and 50 sx A-Serv-Lite (FG Holl Blend). Plug down at 2:00 pm on 07/08/03. Acid Services ticket #6400. Plugged rathole with 15 sx 60/40 Poz. No mousehole. Reported to KCC 07/09/03.

### DEVIATION SURVEYS

1/8	degree(s) at	892	feet
1/4	degree(s) at	2950	feet
1	degree(s) at	3593	feet