

Sterling Drilling Company, Rig #4

Box 1006, Pratt, Kansas 67124-1006

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

SAMPLE LOG

API# 15-185-22,990 0000

Harkness 'A' 1-11

LOCATION: 170'S of W/2 W/2 NW

Section 11 T 24S R 15W

Stafford County, Kansas

OWNER: F.G. Holl Company L.L.C.

COMMENCED: 02-Mar-95

CONTRACTOR: Sterling Drilling Company, Rig #4

COMPLETED: 08-Mar-95

TOTAL DEPTH: DRILLER 3096 FEET

LOGGER 3100 FEET

LOG

0	-	100 FEET	Top Soil and Sand
100	-	275 FEET	Red Bed
275	-	945 FEET	Red Bed and Clay and Shale
945	-	964 FEET	Anhydrite
964	-	1710 FEET	Sand and Shale
1710	-	3100 FEET	Shale and Lime
-	-	FEET	

Water Well TD:

CASING RECORDS

Spud @ 8:30pm on 3-02-95. Drilled 275' 12-1/4" hole, ran 6 jts 23# casing 259.45' set at 273'KB. Cement w\200 sx 60/40 Poz, 2% Gel, 3% CC. Plug down @ 2:15pm by HOWCO. Good returns. Ticket # 741663.

Ran 83 jts. used 4-1/2" casing. 3088.09' set at 3098 KB. Cement with 275 sacks F.G. Holl mix with 20 bbl salt flush and 500 gal. super flush ahead). Plug down @ 12:30 am 3-8-95 by Halliburton. Cent on jts 1,8,14,20,28. Plug Rathole with 15 sacks.

DEVIATION SURVEYS

1/2 DEG. @ 275 FEET

1.5 DEG. @ 3,100 FEET