

Sterling Drilling Company, Rig #2

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KCC

JUL 03 2006

CONFIDENTIAL

SAMPLE LOG

Plummer B' -1

LOCATION: 65' S & 75' W of W/2 NE NW
API: 15-187-21073-00-00

Section 31 T 28s R 40w
Stanton County, Kansas

OWNER: John O. Farmer
CONTRACTOR: Sterling Drilling Company, Rig #2

COMMENCED: 03/09/06
COMPLETED: 03/27/06

TOTAL DEPTH: DRILLER 5712 FEET
LOGGER 5712 FEET

Ground Elevation: 3322
KB Elevation: 3333

LOG

0 -	2 FEET	Top Soil
2 -	18 FEET	Surface Sands and Clay
18 -	1647 FEET	Clays, Sandstone and Shales
1647 -	1674 FEET	Anhydrite (Driller's)
1674 -	2610 FEET	Shales and Salt
2610 -	5712 FEET	Limestone/Shales

CASING RECORDS

Surface Casing:

Spud at 1:45 pm on 03/09/06. Drilled 12-1/4" hole to 1733'. Ran 43 joints of new 24# 8-5/8" J-55/R-3-STC surface casing. Tallied 1732.75' set at 1723' KB. Welded straps on bottom 3 & top 2 jts. Tacked collars on remainder. Cemented with 525 sx LITE, with 3% CC & 1/4# Flo Seal and 50 sx Class A Comm 3% CC. Plug down at 1:15 pm on 03/11/06 by Allied Cementing. Ticket # 25330.

Production Casing:

Ran 142 joints of 15 50#, 5-1/2" casing. Tallied 5695.44', set at 5707.44' with landing joint. Cemented with 200 sx AA-2 Premium w/ 10% Salt; 5% Calset; 5# Gilsontite per sx; .8% FLA-322; 2% Defoamer; .1% W Cal. Plug down at 4:15 pm on 03/26/06. Acid Services ticket # 11138. Plugged rathole w/ 15 sx, mousehole w/ 10 sx. Sterling made casing set call to KCC on 03/27/06.

DEVIATION SURVEYS

3/4 degree(s) at	1292	feet
1 degree(s) at	1723	feet
1 degree(s) at	4406	feet
4 1/2 degree(s) at	5444	feet
1 degree(s) at	5712	feet

RECEIVED

JUL 05 2006

KCC WICHITA