

DRILLERS WELL LOG

Date Commenced: August 22, 2002

Date Completed: August 28, 2002

ESP Development, Inc.

Helen A #1

148'W & 22'S S/2 NW NW

Sec. 1-11S-20W

Ellis County, Kansas

Elevation: 2094' G.L.

2099' K.B.

0 - 236' Shale & Sand
236 - 540' Shale
540 - 1420' Shale & Sand
1420 - 1500' Sand & Shale
1500 - 1550' Arbuckle
1550 - 1730' Sand & Shale
1730 - 2135' Shale
2135 - 2410' Shale & Lime
2410 - 2660' Sand & Shale
2660 - 3710' Shale & Lime
3710' R.T.D.

FORAMATION DATA

Anhydrite	1500'
Base Anhydrite	1550'
Topeka	3116'
Heebner	3329'
Base Kansas City	3366'
Arbuckle	3678'

RECEIVED

KANSAS CORPORATION COMMISSION

UCL 2 2002

Surface Pipe: Set 23#, new, 8 5/8"
casing @ 236' with 150 sacks 60/40
Poz., 3% Gel., 2% CC.

AFFIDAVIT

STATE OF KANSAS)
)
COUNTY OF RUSSELL)

ss:

Alan Vonfeldt of lawful age, does swear and state that the facts and statements
herein are true and correct to the best of his knowledge.