DRILLERS WELL LOG

Date Commenced: March 4, 2002
Date Completed: March 10, 2002

ESP Development, Inc.
Eulert Ranch G #1
162'N & 147'W C SE
Sec. 21-11S-15W
Russell County, Kansas

Elevation: 1871' G.L.
1876' K.B.

0 – 1700' Sand & Shale
1700 – 2340' Shale
2340 – 3346' Shale & Lime
3346' R.T.D

FORMATION DATA

Anhydrite	**915'**
Topeka	**2710'**
Heebner	**2960'**
Lansing Kansas City	**3010'**
Arbuckle	**3345'**

Surface Pipe: **Set 20#, new, 8 5/8" casing @ 217' with 140 sacks 60/40 Poz., 2% Gel., 3% CC. Mixed additional 170 sacks Common, 3% CC.**

Production Pipe: **Set 14#, used, 5 ½" casing with 225 sacks 60/40 Poz., 6% Gel., ¼# flocele.**

AFFIDAVIT

STATE OF KANSAS)
) ss:
COUNTY OF RUSSELL)

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.

Alan Vonfeldt
Alan Vonfeldt

Subscribed and sworn to before me this 17th **day of** March **, 2002.**

My Commission Expires:

August 30, 2003

Cheryl M. Payne
Cheryl M. Payne, Notary Public