

DRILLER'S WELL LOG

State Geological Survey **14-19-12W**
WICHITA BRANCH

DATE COMMENCED: 03/10/81
 DATE COMPLETED: 03/16/81

Petroleum Energy, Inc.
 LANTERMAN 'A' No. 1
 NW NE SW
 Sec. 14, Twp. 19S, Rge. 12W,
 Barton County, Kansas

ELEVATIONS 1852' K.B.
 1847' G.L.

FORMATION DATA

70 - Anhydrite
 3016 - 3036' Shale
 3036 - 3049' Lime
 3049 - 3131' Shale
 3131 - 3147' Lime & Shale
 3147 - 3402' Lime
 3402 - 3434' Lime & Shale
 3434' RTD

Anhydrite 670'
 Heebner 3016'
 Toronto 3036'
 Douglas 3049'
 Brown Lime 3131'
 Lansing KC 3147'
 Base KC 3402'
 RTD 3434'

SURFACE PIPE:

Ran 6 jts. new 20# 8-5/8"
 casing, tally: 238.85;
 Set @ 246' with 165 sks 60/40
 poz. 2% gel, 3% c.c.
 03/10/81, by Allied.

PLUGGING:

50 sks. @ 500'; 30 sks @ 240';
 10 sks. 1/2 sk hulls, plug @
 40', rathole filled w/cement;
 50/50 poz., 4% gel, 3% c.c.
 plug down @ 5:45 A.M.,
 3/16/81.

AFFIDAVIT

STATE OF KANSAS)
 COUNTY OF BARTON) ss.

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