Multiple Well Log File

The file format permits multiple wells in a single file. It is similar to the Single Well Log File format except the first line is the log names (column headings). The next line may optionally contain log units which must be input using the keyword LOGUNITS. The next line contains the well name and an optional date and/or null value, followed by well log data. Another well name and log data can exist in the same file. A sample file is shown below:

```
DEPTH     ASN    LLS     LLD      ILD   Rt     SP1     SP2     GR1     GR2

"wt-14" 19880725
1936.0    7.8   -999.0  -999.0  -999.0  8.7  -19.9  -999.0  -999.0  -999.0
1936.1    7.9   -999.0  -999.0  -999.0  8.7  -19.9  -999.0  -999.0  -999.0
1936.4    8.0   -999.0  -999.0  -999.0  8.7  -19.9  -999.0  -999.0  -999.0
1937.0    8.6   -999.0  -999.0  -999.0  9.8  -20.2  -999.0  -999.0  -999.0
1938.0    8.7   -999.0  -999.0  -999.0  9.9  -20.3  -999.0  -999.0  -999.0
1939.0    8.6   -999.0  -999.0  -999.0  9.7  -19.9  -999.0  -999.0  -999.0
1940.0    8.1   -999.0  -999.0  -999.0  9.2  -19.4  -999.0  -999.0  -999.0
1941.0    8.1   -999.0  -999.0  -999.0  9.2  -19.4  -999.0  -999.0  -999.0
1942.0    8.1   -999.0  -999.0  -999.0  9.2  -19.4  -999.0  -999.0  -999.0

"wt-12"
1923.0    7.8   -999.0  -999.0  -999.0  8.7  -19.9  -999.0  -999.0  -999.0
1924.0    8.6   -999.0  -999.0  -999.0  9.8  -20.2  -999.0  -999.0  -999.0
1925.0    8.7   -999.0  -999.0  -999.0  9.9  -20.3  -999.0  -999.0  -999.0
1925.2    8.8   -999.0  -999.0  -999.0  9.9  -20.3  -999.0  -999.0  -999.0
1925.5    8.9   -999.0  -999.0  -999.0  9.9  -20.3  -999.0  -999.0  -999.0
1926.0    8.6   -999.0  -999.0  -999.0  9.7  -19.9  -999.0  -999.0  -999.0
1927.0    8.1   -999.0  -999.0  -999.0  9.2  -19.4  -999.0  -999.0  -999.0
1928.0    8.1   -999.0  -999.0  -999.0  9.2  -19.4  -999.0  -999.0  -999.0
1929.0    8.1   -999.0  -999.0  -999.0  9.2  -19.4  -999.0  -999.0  -999.0
```

You can also enter a depth range using the log names DEPTH and DEPTH2. If both of these log names are found, additional log points will be automatically added so that the log values remain constant for the depth interval specified. If depth intervals are missing between points, additional log points will be added with zero values. In the example below, since depth ranges are missing between the first and second points (16296 – 16338), zero values will be added for this depth range.

```
DEPTH    DEPTH2 'Water Rate RC' 'Oil Rate RC' 'Gas Rate RC' Production

LOGUNITS 'ft' 'ft'  'bbl/day'   'bbl/day' 'bbl/day'      ''

"WELL-112" 19880101
16276.0  16296.0       0         8.91        0        .0278
16338.0  16357.9       0       213.59        0        .6669
16363.9  16384.0       0        97.75        0        .3052

"WELL-112" 19890101
16276.0  16296.0       0         0.63        0        .0021
16338.0  16357.9       0       227.94        0        .7694
16363.9  16384.0       0        67.69        0        .2285

"WELL-94" 19880101
16240.0  16246.4       0       3562.2        0        .4922
16247.4  16253.9       0        948.27       0        .1310
16255.2  16260.1       0       1648.13       0        .2277
16263.5  16283.4       0       1078.99       0        .1491

"WELL-94" 19880201
16240.0  16246.4       0       2305.11       0        .5428
```

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```
"WELL-94" 19880301
16240.0  16246.4         0         3984.2        0        .5601
16252.5  16278.7         0         3087.82       0        .4341
```

The well name must be enclosed in single or double quotes in this format. The default file extension is ".wlg".