Pogo Producing Company

FORM C-108

ITEM X

LOGGING PROGRAM

Logging program included: CNLD, DLL and CBL

Copy of CNLD log included in attachments

ITEM XI

FRESH WATER ANALYSIS

Fresh water well within 1 mile radius; _____ Yes XX No

Chemical analysis from well(s) located: Sec. 14 - 22 - 31

Date sampled: 5/24/78 Exhibit 4

Chemical analysis from well(s) located: _____

Date sampled: _____

ITEM XII

HYDROLOGY

Various engineering data and area well logs reveal no evidence that there might exist hydrologic connection between the intended injection zone (Bell Canyon) at 4690' and possible fresh water zone (Santa Rosa) above 650'.

ITEM XIII

COMMERCIAL INTENTION

Initially, only water from Pogo operated wells will be disposed of in subject well (system). Eventually, Pogo could take water from other leases in the area operated by someone else, but in which Pogo has a working interest. Only piped water will be taken into this system.