

EXHIBIT 1
Exxon Communications Company

Question 4(F) Modulating Signal

125KF1D	Maximum baud rate of 100 Kbaud Duration of signal approximately minutes 1.28 seconds every 4 minutes
250KF1D	Maximum baud rate of 200 Kbaud Duration of signal approximately minutes 0.65 seconds every 2 minutes
500KF1D	Maximum baud rate of 400 Kbaud Duration of signal approximately minutes 0.33 seconds every 1 minutes
20K0F2D	Maximum baud rate of 4 Kbaud Signal is continually present except when receiving from above

Question 10 (a), (b), (c)

(a) Equipment is to be used for acquiring seismic data for Exxon. Its function is to provide seismic data for the purpose of defining subsurface structures prior to drilling for these reserves.

The equipment utilizes a single Central recording System (CRU) to receive the digitized seismic data and recording of same onto magnetic media. The CRU utilizes the 20K0F2D type of emission.

The equipment utilizes a plurality of Remote Telemetry Units (RTU) under the command and control of the CRU to acquire, digitize, and transmit data to the CRU. The RTU utilizes either the 125KF1D, 250KF1D, or 500KF1D type of emission. Each RTU is capable of acquiring up to 6 channels of seismic data, which are recorded simultaneously.

The acquisition of the Seismic Data will occur in the following manner. The single CRU is located within or near an area to be explored. The RTUs will be placed on the surface of the earth in an ordered X,Y grid arrangement, allowing the system to gather 3 dimensional subsurface seismic data. A seismic energy source is transmitted into the earth and the RTUs will record the reflected seismic energy for typically 4 to 8 seconds. Upon command from the CRU, this data will be transmitted from the RTUs to the CRU at 100 Kbaud, 650 milliseconds at 200 Kbaud, or 330 milliseconds at 400 Kbaud. The RTUs do not transmit again until the next seismic record is taken.

(b) The advantage of using Radio Frequency Telemetry for acquisition of Seismic Data in difficult or obstructed areas.

(c) In many areas where seismic exploration is required, the traditional acquisition system that requires wireline connections is not feasible. Both Manmade and natural obstacles prevent cabled systems from efficient operation. Utilization of RF Telemetry from the CRU to the RTUs will expand the opportunity for seismic exploration in heretofore-inaccessible areas. New geophysical techniques regarding random RTU placement can be utilized, expanding the possibilities for seismic exploration in difficult areas.

EXHIBIT 1, continued

Question 15

The CRU (20K0F2D) is located in a vehicle with a pneumatic mast capable of extending the antenna up to 30 meters above the ground. The mast that is extended during use in daylight hours for system operation can be lowered to less than 2 meters above ground at dusk and when system is not in operation.

The CRU will not be set up on or near an airport. It will never be placed in the approach or departure path of any aircraft.

Exhibit 2
Exxon Communications Company

Question 9

Equipment is to be used for acquiring seismic data for Exxon. Its function is to provide seismic data for the purpose of defining subsurface structures prior to drilling for these reserves

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