simon Geophysical Services
Simon-Horizon Ltd

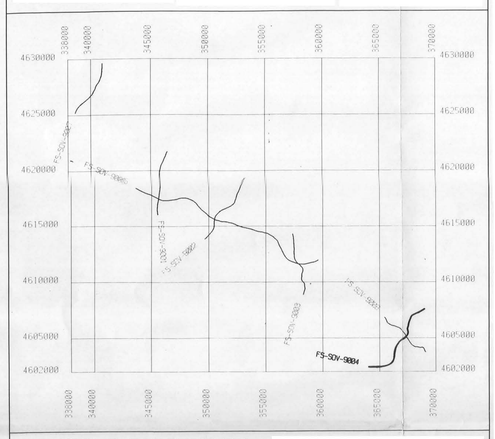
SOVEREIGN OIL & GAS (ITALY) S.R.L.

LINE : FS-SOV-9004

CDP'S : 1 - 551

AREA : FIUME SACCO, ITALY

FINAL STACK



FIELD PARAMETERS

RECORDED BY : SIMON-HORIZON LTD
PARTY NO. : LCS
RECORDING DATE : DECEMBER 1990

SOURCE VIBROSEIS

SOURCE TYPE : VIBROSEIS
NO. OF VIBRATORS : 4
NO. OF SWEEPS : 5
MOVE UP PER SWEEP : 5 M <A>
V.P. INTERVAL : 30 M
CENTRE OF ENERGY : 15 M IN FRONT OF STATION <C>
SWEEP FREQUENCIES : 10-70 Hz
SWEEP LENGTH : 20 S
VIB SEPARATION : 12 M < B >
ARRAY LENGTH : 56 M

SOURCE ARRAY

```
-----------+------------------------>CENTRE OF GEOPHONE ARRAY
           <   C   >
                       <  B  >
           [ ]   [ ]   [ ]   [ ]
           <A>
           [ ]   [ ]   [ ]   [ ]

           [ ]   [ ] . [ ]   [ ]

           [ ]   [ ]   [ ]   [ ]

           [ ]   [ ]   [ ]   [ ]

           < -------------------- >   TOTAL ARRAY LENGTH = 56 M
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RECEIVERS

TRACES PER RECORD : 120
STATION INTERVAL : 30 M
GEOPHONES/STATION : 24
GEOPHONE TYPE : SM4U 28Hz
NEAR TRACE OFFSET : 75 M
ARRAY LENGTH : 28.75 M
PATTERN : 2 STRINGS OF 12 PHONES
SPLIT SPREAD : 60/60
FAR TRACE OFFSET : 1845 M

RECEIVER ARRAY

```
<                    TOTAL ARRAY LENGTH 28.75 M                    >

1.25 M
< >
X X X
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