

Company : GAS A& FUEL EXPLORATION N/L  
 Well : NALANGIL #1  
 Elevations : Datum : 150.0 Ground : 143.0 Kelly : 146.1

Latitude : 038 21 40  
 Longitude : 143 26 17

Survey date : 07-AUG-90  
 Survey units : METRES  
 Times in milliseconds.

Shot data : Location Elevation Offset  
 A 142.5 8.0  
 B 141.0 22.0  
 C 142.5 17.5

Rig identification : FLETCHER  
 Energy source : AN60  
 Logger : BPB  
 Near surface velocity  
 for shot statics: 1200  
 Instrument delay: 4.0 ms



SHOT CALCULATIONS

| Shot No | Geophone depth |       | Shot Locn | Shot Depth | TIMES  |       |      |             | Check shot interval |      | Velocities |        |          |
|---------|----------------|-------|-----------|------------|--------|-------|------|-------------|---------------------|------|------------|--------|----------|
|         | Kelly          | Datum |           |            | Record | Corr. | Avg. | Below datum | Distance            | Time | Average    | RMS    | Interval |
| DATUM   |                |       |           |            |        |       |      |             |                     |      |            |        |          |
|         | -3.9           | 0.0   |           |            |        |       | -0.5 | 0.0         |                     |      |            |        |          |
| 27      | 21.0           | 24.9  | B         | 2.0        | 13.0   | 12.1  | 12.1 | 12.6        | 24.9                | 12.6 | 1976.2     | 1976.2 | 1976.2   |
| 26      | 35.0           | 38.9  | B         | 2.0        | 20.0   | 19.9  | N/U  |             | 29.0                | 14.8 |            |        | 1959.5   |
| 25      | 50.0           | 53.9  | B         | 2.0        | 26.0   | 26.9  |      | 26.9        | 27.4                |      | 1967.2     | 1967.2 |          |
| 2       | 64.0           | 67.9  | B         | 2.0        | 36.0   | 37.2  | N/U  |             | 19.0                | 12.5 |            |        | 1520.0   |
| 24      | 69.0           | 72.9  | B         | 2.0        | 38.0   | 39.4  |      | 39.4        | 39.9                |      | 1827.1     | 1838.8 |          |
| 23      | 81.0           | 84.9  | B         | 2.0        | 47.0   | 48.5  | N/U  |             | 36.0                | 17.7 |            |        | 2033.9   |
| 22      | 105.0          | 108.9 | B         | 2.0        | 55.0   | 57.1  |      | 57.1        | 57.6                |      | 1890.6     | 1900.9 |          |
| 21      | 130.0          | 133.9 | B         | 2.0        | 71.0   | 73.3  |      | 73.3        | 73.8                | 25.0 | 16.2       |        | 1543.2   |
| 20      | 146.0          | 149.9 | B         | 2.0        | 79.0   | 81.4  | N/U  |             | 16.1                | 10.5 |            |        | 1533.3   |
| 3       | 146.1          | 150.0 | B         | 2.0        | 84.0   | 86.3  |      |             |                     |      |            |        |          |
| 4       | 146.1          | 150.0 | A         | 0.5        | 82.0   | 82.7  |      |             |                     |      |            |        |          |
| 5       | 146.1          | 150.0 | C         | 0.5        | 82.0   | 82.2  |      | 83.8        | 84.3                |      | 1779.4     | 1794.3 |          |
|         |                |       |           |            |        |       |      |             | 3.9                 | 2.6  |            |        | 1500.0   |
| 19      | 150.0          | 153.9 | B         | 2.0        | 84.0   | 86.4  |      | 86.4        | 86.9                |      | 1771.0     | 1786.2 |          |
| 18      | 167.0          | 170.9 | B         | 2.0        | 94.0   | 96.5  |      | 96.5        | 97.0                | 17.0 | 10.1       |        | 1683.2   |
| 17      | 192.0          | 195.9 | B         | 2.0        | 107.0  | 109.6 |      | 109.6       | 110.1               | 25.0 | 13.1       |        | 1908.4   |
| 16      | 222.0          | 225.9 | B         | 2.0        | 123.0  | 125.7 |      | 125.7       | 126.2               | 30.0 | 16.1       |        | 1863.4   |
| 15      | 240.0          | 243.9 | B         | 2.0        | 131.5  | 134.3 |      | 134.3       | 134.8               | 18.0 | 8.6        |        | 2093.0   |
|         |                |       |           |            |        |       |      |             |                     |      | 1809.3     | 1821.3 |          |