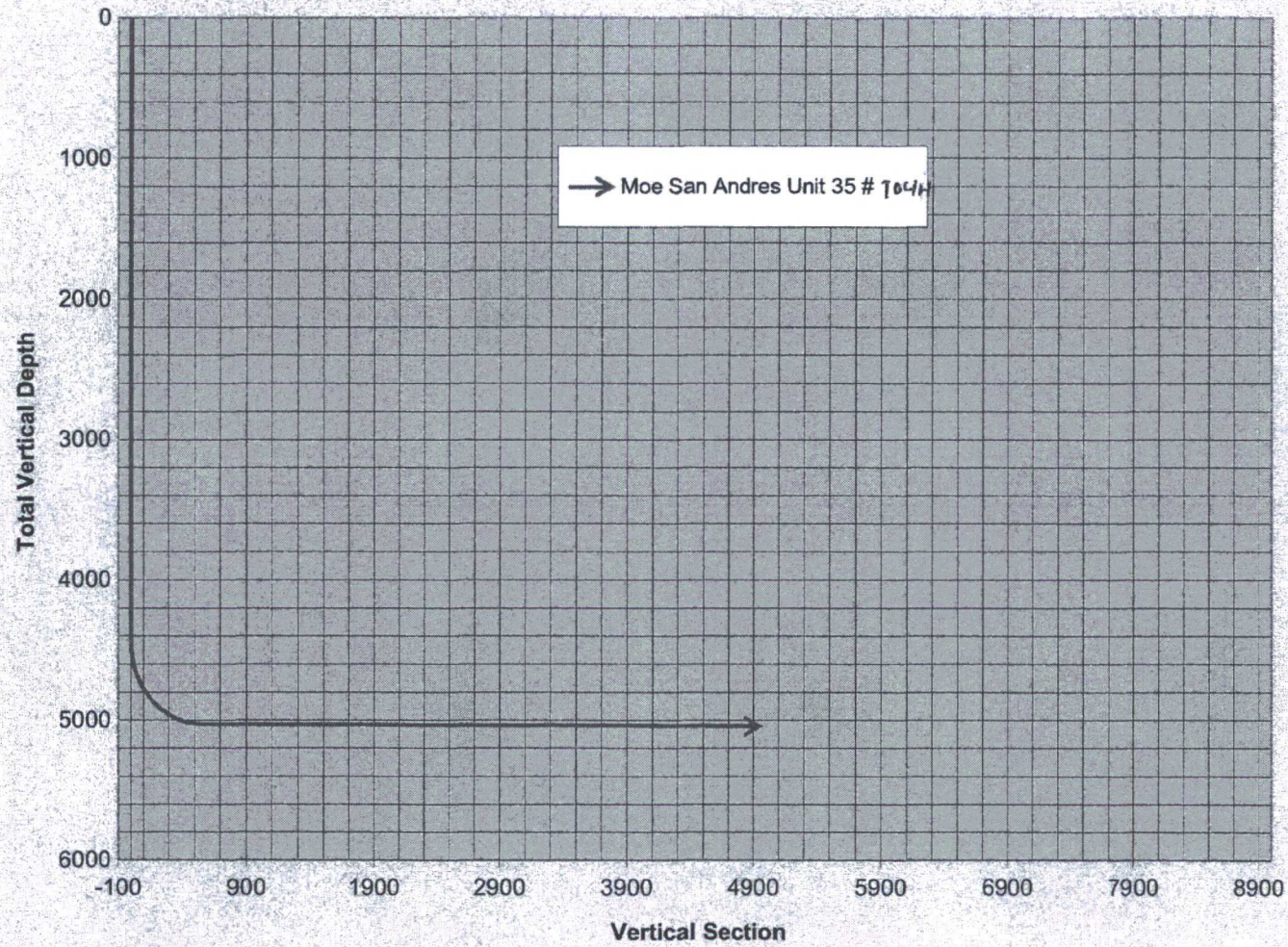
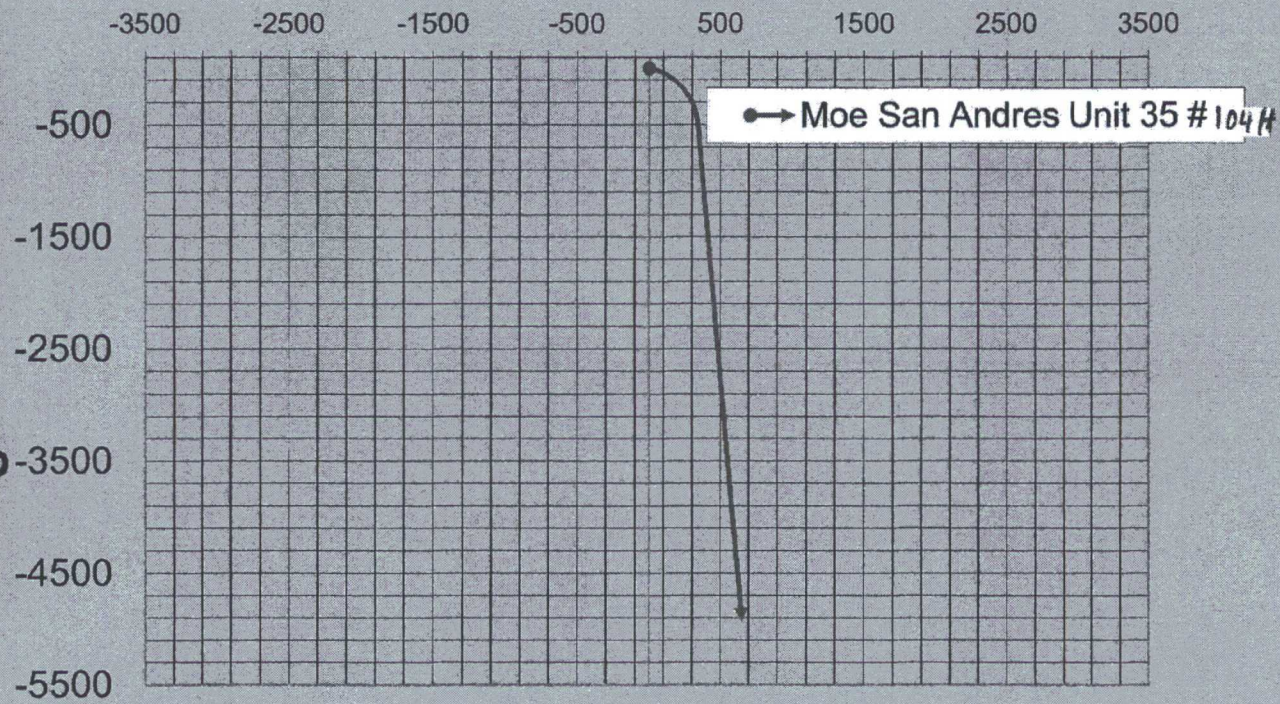


San Andres Moe Unit



# Horizontal Plane Footage +East/-West

Footage + North/- South



## LONG's METHOD OF SURVEY COMPUTATION

### OBLIQUE CIRCULAR ARC INTERPOLATION

|                |                                    |
|----------------|------------------------------------|
| <b>5040</b>    | MD OF INTERPOLATION DEPTH,(feet)   |
| <b>4941.15</b> | TVD COORDINATE OF THE DEPTH (feet) |
| <b>-155.77</b> | N/S COORDINATE OF DEPTH (feet)     |
| <b>221.09</b>  | E/W COORDINATE OF DEPTH (feet)     |

3 D DISTANCE BETWEEN STATION A AND STATION B

### DISTANCE TABLE

| STATION A      | STATION B      |
|----------------|----------------|
| <b>4200.00</b> | <b>5040.00</b> |
| <b>0.00</b>    | <b>650.00</b>  |
| <b>0.00</b>    | <b>650.00</b>  |
| <b>1245.23</b> | ft             |

### TABLE OF SURVEY STATIONS

Calculator =

| STA # | ΔMD<br>ft    | INCL<br>deg | AZIM<br>deg | MD<br>ft       | TVD<br>ft      | N+/S-<br>ft | E+/W-<br>ft | DLS<br>deg/100FT |
|-------|--------------|-------------|-------------|----------------|----------------|-------------|-------------|------------------|
| 1     | TIE POINT => | 0           | 90          | <b>4452.00</b> | <b>4452.00</b> | <b>0.00</b> | <b>0.00</b> | -                |
| 2     | 100          | 10          | 99          | 4552.00        | 4551.49        | -1.36       | 8.60        | 10.00            |
| 3     | 100          | 20          | 108         | 4652.00        | 4647.97        | -8.02       | 33.50       | 10.24            |
| 4     | 100          | 30          | 117         | 4752.00        | 4738.52        | -24.70      | 72.15       | 10.67            |
| 5     | 100          | 40          | 126         | 4852.00        | 4820.39        | -55.04      | 120.59      | 11.23            |
| 6     | 100          | 50          | 135         | 4952.00        | 4891.08        | -101.18     | 173.86      | 11.83            |
| 7     | 100          | 60          | 144         | 5052.00        | 4948.45        | -163.54     | 226.60      | 12.41            |
| 8     | 100          | 70          | 153         | 5152.00        | 4990.73        | -240.76     | 273.58      | 12.89            |
| 9     | 100          | 80          | 162         | 5252.00        | 5016.62        | -329.85     | 310.29      | 13.24            |
| 10    | 100          | 89.792      | 171         | 5352.00        | 5025.53        | -426.50     | 333.43      | 13.27            |
| 11    | 100          | 89.792      | 176         | 5452.00        | 5025.89        | -525.82     | 344.75      | 5.00             |
| 12    | 100          | 89.792      | 176         | 5552.00        | 5026.25        | -625.58     | 351.73      | 0.00             |
| 13    | 100          | 89.792      | 176         | 5652.00        | 5026.62        | -725.34     | 358.70      | 0.00             |
| 14    | 100          | 89.792      | 176         | 5752.00        | 5026.98        | -825.09     | 365.68      | 0.00             |
| 15    | 100          | 89.792      | 176         | 5852.00        | 5027.34        | -924.85     | 372.65      | 0.00             |
| 16    | 100          | 89.792      | 176         | 5952.00        | 5027.71        | -1024.60    | 379.63      | 0.00             |
| 17    | 100          | 89.792      | 176         | 6052.00        | 5028.07        | -1124.36    | 386.60      | 0.00             |
| 18    | 100          | 89.792      | 176         | 6152.00        | 5028.43        | -1224.11    | 393.58      | 0.00             |
| 19    | 100          | 89.792      | 176         | 6252.00        | 5028.80        | -1323.87    | 400.56      | 0.00             |
| 20    | 100          | 89.792      | 176         | 6352.00        | 5029.16        | -1423.63    | 407.53      | 0.00             |
| 21    | 100          | 89.792      | 176         | 6452.00        | 5029.52        | -1523.38    | 414.51      | 0.00             |
| 22    | 100          | 89.792      | 176         | 6552.00        | 5029.88        | -1623.14    | 421.48      | 0.00             |
| 23    | 100          | 89.792      | 176         | 6652.00        | 5030.25        | -1722.89    | 428.46      | 0.00             |
| 24    | 100          | 89.792      | 176         | 6752.00        | 5030.61        | -1822.65    | 435.43      | 0.00             |
| 25    | 100          | 89.792      | 176         | 6852.00        | 5030.97        | -1922.41    | 442.41      | 0.00             |
| 26    | 100          | 89.792      | 176         | 6952.00        | 5031.34        | -2022.16    | 449.39      | 0.00             |
| 27    | 100          | 89.792      | 176         | 7052.00        | 5031.70        | -2121.92    | 456.36      | 0.00             |
| 28    | 100          | 89.792      | 176         | 7152.00        | 5032.06        | -2221.67    | 463.34      | 0.00             |
| 29    | 100          | 89.792      | 176         | 7252.00        | 5032.43        | -2321.43    | 470.31      | 0.00             |
| 30    | 100          | 89.792      | 176         | 7352.00        | 5032.79        | -2421.18    | 477.29      | 0.00             |
| 31    | 100          | 89.792      | 176         | 7452.00        | 5033.15        | -2520.94    | 484.26      | 0.00             |
| 32    | 100          | 89.792      | 176         | 7552.00        | 5033.52        | -2620.70    | 491.24      | 0.00             |
| 33    | 100          | 89.792      | 176         | 7652.00        | 5033.88        | -2720.45    | 498.21      | 0.00             |
| 34    | 100          | 89.792      | 176         | 7752.00        | 5034.24        | -2820.21    | 505.19      | 0.00             |
| 35    | 100          | 89.792      | 176         | 7852.00        | 5034.60        | -2919.96    | 512.17      | 0.00             |
| 36    | 100          | 89.792      | 176         | 7952.00        | 5034.97        | -3019.72    | 519.14      | 0.00             |
| 37    | 100          | 89.792      | 176         | 8052.00        | 5035.33        | -3119.47    | 526.12      | 0.00             |
| 38    | 100          | 89.792      | 176         | 8152.00        | 5035.69        | -3219.23    | 533.09      | 0.00             |
| 39    | 100          | 89.792      | 176         | 8252.00        | 5036.06        | -3318.99    | 540.07      | 0.00             |
| 40    | 100          | 89.792      | 176         | 8352.00        | 5036.42        | -3418.74    | 547.04      | 0.00             |
| 41    | 100          | 89.792      | 176         | 8452.00        | 5036.78        | -3518.50    | 554.02      | 0.00             |

Moe San Andres Unit 35 #104H  
Nemo Fund I, LLC

|    |     |        |     |         |         |          |        |      |
|----|-----|--------|-----|---------|---------|----------|--------|------|
| 42 | 100 | 89.792 | 176 | 8552.00 | 5037.15 | -3618.25 | 560.99 | 0.00 |
| 43 | 100 | 89.792 | 176 | 8652.00 | 5037.51 | -3718.01 | 567.97 | 0.00 |
| 44 | 100 | 89.792 | 176 | 8752.00 | 5037.87 | -3817.76 | 574.95 | 0.00 |
| 45 | 100 | 89.792 | 176 | 8852.00 | 5038.23 | -3917.52 | 581.92 | 0.00 |
| 46 | 100 | 89.792 | 176 | 8952.00 | 5038.60 | -4017.28 | 588.90 | 0.00 |
| 47 | 100 | 89.792 | 176 | 9052.00 | 5038.96 | -4117.03 | 595.87 | 0.00 |
| 48 | 100 | 89.792 | 176 | 9152.00 | 5039.32 | -4216.79 | 602.85 | 0.00 |
| 49 | 100 | 89.792 | 176 | 9252.00 | 5039.69 | -4316.54 | 609.82 | 0.00 |
| 50 | 100 | 89.792 | 176 | 9352.00 | 5040.05 | -4416.30 | 616.80 | 0.00 |
| 51 | 100 | 89.792 | 176 | 9452.00 | 5040.41 | -4516.05 | 623.78 | 0.00 |
| 52 | 100 | 89.792 | 176 | 9552.00 | 5040.78 | -4615.81 | 630.75 | 0.00 |
| 53 | 100 | 89.792 | 176 | 9652.00 | 5041.14 | -4715.57 | 637.73 | 0.00 |
| 54 | 100 | 89.792 | 176 | 9752.00 | 5041.50 | -4815.32 | 644.70 | 0.00 |
| 55 | 100 | 89.792 | 176 | 9852.00 | 5041.87 | -4915.08 | 651.68 | 0.00 |
| 56 | 21  | 89.792 | 176 | 9873.00 | 5041.94 | -4936.03 | 653.14 | 0.00 |
| 57 |     |        |     |         |         |          |        |      |
| 58 |     |        |     |         |         |          |        |      |
| 59 |     |        |     |         |         |          |        |      |
| 60 |     |        |     |         |         |          |        |      |
| 61 |     |        |     |         |         |          |        |      |
| 62 |     |        |     |         |         |          |        |      |
| 63 |     |        |     |         |         |          |        |      |
| 64 |     |        |     |         |         |          |        |      |
| 65 |     |        |     |         |         |          |        |      |
| 66 |     |        |     |         |         |          |        |      |
| 67 |     |        |     |         |         |          |        |      |
| 68 |     |        |     |         |         |          |        |      |
| 69 |     |        |     |         |         |          |        |      |
| 70 |     |        |     |         |         |          |        |      |
| 71 |     |        |     |         |         |          |        |      |
| 72 |     |        |     |         |         |          |        |      |
| 73 |     |        |     |         |         |          |        |      |
| 74 |     |        |     |         |         |          |        |      |
| 75 |     |        |     |         |         |          |        |      |