

New Mex "S" #1

Formation Record - Continued

| <u>From</u> | <u>To</u> | <u>Thickness<br/>in Feet</u> | <u>Formation</u>   |
|-------------|-----------|------------------------------|--------------------|
| 11762       | 11780     | 18                           | Lime, shale & sand |
| 11780       | 11785     | 5                            | Sand               |
| 11785       | 11826     | 41                           | Sand & lime        |
| 11826       | 12062     | 236                          | Lime & shale       |
| 12062       | 12105     | 43                           | Lime               |
| 12105       | 12130     | 25                           | Shale              |
| 12130       | 12197     | 67                           | Lime & shale       |
| 12197       | 12215     | 18                           | Shale              |
| 12215       | 12273     | 58                           | Lime & shale       |
| 12273       | 12455     | 182                          | Lime               |
| 12455       | 12654     | 199                          | Lime & shale       |
| 12654       | 12670     | 16                           | Lime               |
| 12670       | 12688     | 18                           | Lime & shale       |
| 12688       | 12738     | 50                           | Lime               |
| 12738       | 12834     | 96                           | Lime & chert       |
| 12834       | 12880     | 46                           | Lime               |
| 12880       | 12898     | 18                           | Lime & chert       |
| 12898       | 12975     | 77                           | Lime               |
| 12975       | 13012     | 37                           | Lime & chert       |
| 13012       | 13403     | 391                          | Lime               |
| 13403       | 13420     | 17                           | Shale              |

# Table 1: Summary of results

| Configuration | Model | Time | Score |
|---------------|-------|------|-------|
| Baseline      | 1     | 1000 | 0.85  |
| Model 1       | 2     | 1000 | 0.85  |
| Model 2       | 3     | 1000 | 0.85  |
| Model 3       | 4     | 1000 | 0.85  |
| Model 4       | 5     | 1000 | 0.85  |
| Model 5       | 6     | 1000 | 0.85  |
| Model 6       | 7     | 1000 | 0.85  |
| Model 7       | 8     | 1000 | 0.85  |
| Model 8       | 9     | 1000 | 0.85  |
| Model 9       | 10    | 1000 | 0.85  |
| Model 10      | 11    | 1000 | 0.85  |
| Model 11      | 12    | 1000 | 0.85  |
| Model 12      | 13    | 1000 | 0.85  |
| Model 13      | 14    | 1000 | 0.85  |
| Model 14      | 15    | 1000 | 0.85  |
| Model 15      | 16    | 1000 | 0.85  |
| Model 16      | 17    | 1000 | 0.85  |
| Model 17      | 18    | 1000 | 0.85  |
| Model 18      | 19    | 1000 | 0.85  |
| Model 19      | 20    | 1000 | 0.85  |
| Model 20      | 21    | 1000 | 0.85  |
| Model 21      | 22    | 1000 | 0.85  |
| Model 22      | 23    | 1000 | 0.85  |
| Model 23      | 24    | 1000 | 0.85  |
| Model 24      | 25    | 1000 | 0.85  |
| Model 25      | 26    | 1000 | 0.85  |
| Model 26      | 27    | 1000 | 0.85  |
| Model 27      | 28    | 1000 | 0.85  |
| Model 28      | 29    | 1000 | 0.85  |
| Model 29      | 30    | 1000 | 0.85  |
| Model 30      | 31    | 1000 | 0.85  |
| Model 31      | 32    | 1000 | 0.85  |
| Model 32      | 33    | 1000 | 0.85  |
| Model 33      | 34    | 1000 | 0.85  |
| Model 34      | 35    | 1000 | 0.85  |
| Model 35      | 36    | 1000 | 0.85  |
| Model 36      | 37    | 1000 | 0.85  |
| Model 37      | 38    | 1000 | 0.85  |
| Model 38      | 39    | 1000 | 0.85  |
| Model 39      | 40    | 1000 | 0.85  |
| Model 40      | 41    | 1000 | 0.85  |
| Model 41      | 42    | 1000 | 0.85  |
| Model 42      | 43    | 1000 | 0.85  |
| Model 43      | 44    | 1000 | 0.85  |
| Model 44      | 45    | 1000 | 0.85  |
| Model 45      | 46    | 1000 | 0.85  |
| Model 46      | 47    | 1000 | 0.85  |
| Model 47      | 48    | 1000 | 0.85  |
| Model 48      | 49    | 1000 | 0.85  |
| Model 49      | 50    | 1000 | 0.85  |
| Model 50      | 51    | 1000 | 0.85  |
| Model 51      | 52    | 1000 | 0.85  |
| Model 52      | 53    | 1000 | 0.85  |
| Model 53      | 54    | 1000 | 0.85  |
| Model 54      | 55    | 1000 | 0.85  |
| Model 55      | 56    | 1000 | 0.85  |
| Model 56      | 57    | 1000 | 0.85  |
| Model 57      | 58    | 1000 | 0.85  |
| Model 58      | 59    | 1000 | 0.85  |
| Model 59      | 60    | 1000 | 0.85  |
| Model 60      | 61    | 1000 | 0.85  |
| Model 61      | 62    | 1000 | 0.85  |
| Model 62      | 63    | 1000 | 0.85  |
| Model 63      | 64    | 1000 | 0.85  |
| Model 64      | 65    | 1000 | 0.85  |
| Model 65      | 66    | 1000 | 0.85  |
| Model 66      | 67    | 1000 | 0.85  |
| Model 67      | 68    | 1000 | 0.85  |
| Model 68      | 69    | 1000 | 0.85  |
| Model 69      | 70    | 1000 | 0.85  |
| Model 70      | 71    | 1000 | 0.85  |
| Model 71      | 72    | 1000 | 0.85  |
| Model 72      | 73    | 1000 | 0.85  |
| Model 73      | 74    | 1000 | 0.85  |
| Model 74      | 75    | 1000 | 0.85  |
| Model 75      | 76    | 1000 | 0.85  |
| Model 76      | 77    | 1000 | 0.85  |
| Model 77      | 78    | 1000 | 0.85  |
| Model 78      | 79    | 1000 | 0.85  |
| Model 79      | 80    | 1000 | 0.85  |
| Model 80      | 81    | 1000 | 0.85  |
| Model 81      | 82    | 1000 | 0.85  |
| Model 82      | 83    | 1000 | 0.85  |
| Model 83      | 84    | 1000 | 0.85  |
| Model 84      | 85    | 1000 | 0.85  |
| Model 85      | 86    | 1000 | 0.85  |
| Model 86      | 87    | 1000 | 0.85  |
| Model 87      | 88    | 1000 | 0.85  |
| Model 88      | 89    | 1000 | 0.85  |
| Model 89      | 90    | 1000 | 0.85  |
| Model 90      | 91    | 1000 | 0.85  |
| Model 91      | 92    | 1000 | 0.85  |
| Model 92      | 93    | 1000 | 0.85  |
| Model 93      | 94    | 1000 | 0.85  |
| Model 94      | 95    | 1000 | 0.85  |
| Model 95      | 96    | 1000 | 0.85  |
| Model 96      | 97    | 1000 | 0.85  |
| Model 97      | 98    | 1000 | 0.85  |
| Model 98      | 99    | 1000 | 0.85  |
| Model 99      | 100   | 1000 | 0.85  |