

Deviation Survey

| <u>Depth</u> | <u>Degree Off Vertical</u> | <u>Depth</u> | <u>Degree Off Vertical</u> |
|--------------|----------------------------|--------------|----------------------------|
| 136          | 1/4                        | 9410         | 3/4                        |
| 256          | 3/4                        | 9758         | 1/2                        |
| 511          | 1/2                        | 9837         | 3/4                        |
| 1400         | 1/4                        | 9958         | 1                          |
| 2230         | 1                          | 10115        | 1 1/4                      |
| 3095         | 3/4                        | 10178        | 1 3/4                      |
| 3528         | 2                          | 10331        | 1 1/4                      |
| 3634         | 1 1/2                      | 10420        | 1                          |
| 3880         | 1/2                        | 10574        | 1 3/4                      |
| 4190         | 3/4                        | 10630        | 1 1/2                      |
| 4308         | 1/2                        | 10725        | 2                          |
| 4520         | 1/4                        | 10755        | 1 3/4                      |
| 4630         | 1/2                        | 10877        | 1 1/4                      |
| 4960         | 3/4                        | 10930        | 1 1/2                      |
| 5050         | 1/2                        | 10992        | 1 1/4                      |
| 5340         | 3/4                        | 11080        | 2                          |
| 6230         | 1/2                        | 11101        | 1 1/2                      |
| 6772         | 1                          | 11130        | 2 1/4                      |
| 6950         | 3/4                        | 11240        | 2                          |
| 7140         | 1                          | 11370        | 1 3/4                      |
| 7300         | 3/4                        | 11400        | 2                          |
| 7839         | 1/4                        | 11470        | 1 3/4                      |
| 8420         | 3/4                        | 11645        | 2                          |
| 8666         | 1/2                        | 11722        | 1                          |
| 8780         | 3/4                        | 11885        | 4                          |
| 8962         | 1 1/4                      | 11940        | 4 1/2                      |
| 9000         | 3/4                        | 12100        | 5 3/4                      |
| 9363         | 1                          | 12150        | 6 1/4                      |
|              |                            | 12205        | 6 1/2                      |

Formation Record

| <u>From</u> | <u>To</u> | <u>Thickness<br/>in Feet</u> | <u>Formation</u>         |
|-------------|-----------|------------------------------|--------------------------|
| 0           | 125       | 125                          | Caliche & Gravel         |
| 125         | 335       | 210                          | Sand Rock & Red Bed      |
| 335         | 457       | 122                          | Red Rock & Shale         |
| 457         | 600       | 143                          | Red Rock                 |
| 600         | 1170      | 570                          | Red Bed                  |
| 1170        | 1470      | 300                          | Red Bed & Shale          |
| 1470        | 1688      | 218                          | Shale                    |
| 1688        | 2064      | 376                          | Shale & Red Bed          |
| 2064        | 2230      | 166                          | Shale & Anhydrite        |
| 2230        | 2355      | 125                          | Anhydrite                |
| 2355        | 2561      | 206                          | Anhydrite & Salt         |
| 2561        | 2775      | 214                          | Salt, Shale & Anhydrite  |
| 2775        | 2950      | 175                          | Salt & Anhydrite         |
| 2950        | 3106      | 156                          | Anhydrite                |
| 3106        | 3528      | 422                          | Shale, Salt & Anhydrite  |
| 3528        | 4125      | 597                          | Anhydrite & Shale        |
| 4125        | 4197      | 72                           | Lime                     |
| 4197        | 4269      | 72                           | Lime & Gyp               |
| 4269        | 4394      | 125                          | Lime                     |
| 4394        | 4474      | 80                           | Lime & Gyp               |
| 4474        | 4525      | 51                           | Lime, Anhydrite & Gyp    |
| 4525        | 4576      | 51                           | Lime & Gyp               |
| 4576        | 4630      | 54                           | Lime & Anhydrite         |
| 4630        | 4675      | 45                           | Lime & Gyp               |
| 4675        | 4777      | 102                          | Lime, Shale, & Anhydrite |
| 4777        | 4842      | 65                           | Lime & Anhydrite         |
| 4842        | 4894      | 52                           | Lime & Sand              |
| 4894        | 4900      | 6                            | Lime                     |
| 4900        | 4964      | 64                           | Lime & Anhydrite         |
| 4964        | 6119      | 1155                         | Lime                     |
| 6119        | 6233      | 114                          | Lime & Shale             |
| 6233        | 6615      | 382                          | Lime                     |