

| 37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries): |      |             |                                                                                                                                                                                                                  | 38. GEOLOGIC MARKERS |             |                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------|------------------|
| FORMATION                                                                                                                                                                                                                                           | TOP  | BOTTOM      | DESCRIPTION, CONTENTS, ETC.                                                                                                                                                                                      | NAME                 | TOP         |                  |
|                                                                                                                                                                                                                                                     |      |             |                                                                                                                                                                                                                  |                      | MEAS. DEPTH | TRUE VERT. DEPTH |
| Rustler                                                                                                                                                                                                                                             | 267  | 505         | ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.: (continued from the front)                                                                                                                                           |                      |             |                  |
| Salado                                                                                                                                                                                                                                              | 505  | 1270        |                                                                                                                                                                                                                  |                      |             |                  |
| Tansill                                                                                                                                                                                                                                             | 1270 | 1428        |                                                                                                                                                                                                                  |                      |             |                  |
| Yates                                                                                                                                                                                                                                               | 1428 | 1744        |                                                                                                                                                                                                                  |                      |             |                  |
| Seven Rivers                                                                                                                                                                                                                                        | 1744 | 2351        |                                                                                                                                                                                                                  |                      |             |                  |
| Queen (Artesia)                                                                                                                                                                                                                                     | 2351 | 2720        |                                                                                                                                                                                                                  |                      |             |                  |
| Grayburg                                                                                                                                                                                                                                            | 2720 | 3082        |                                                                                                                                                                                                                  |                      |             |                  |
| San Andres                                                                                                                                                                                                                                          | 3082 | 3810 (TD)   |                                                                                                                                                                                                                  |                      |             |                  |
|                                                                                                                                                                                                                                                     |      | DEPTH       |                                                                                                                                                                                                                  |                      |             |                  |
|                                                                                                                                                                                                                                                     |      | 2735' 3049' |                                                                                                                                                                                                                  |                      |             |                  |
|                                                                                                                                                                                                                                                     |      |             | frac + 4000# 100 mesh sand + 80,000# 20/40 Brady sand + 20,000# 16/30 Super LC sand.<br>Acidized w/2600 gals 15% HCl acid. Frac'd w/24,000 gals Spectra frac + 49,000# 16/30<br>Brady sand + 30,000# 12/20 sand. |                      |             |                  |