

| 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 |
| Morrow Clastics                                                                                                                                                                                                                                     | 11760       | 12016  | ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.. (continued from the front)<br><br>Frac'd w/38,000 gals Binary Foam, 30,200# Ceramax I 20/40 sd | San Andres           | 3715'       |                  |
|                                                                                                                                                                                                                                                     |             |        |                                                                                                                                            | Delaware FM          | 4412'       |                  |
|                                                                                                                                                                                                                                                     |             |        |                                                                                                                                            | Bone Spring Fm       | 6305'       |                  |
|                                                                                                                                                                                                                                                     |             |        |                                                                                                                                            | BSPG - 1st Sand      | 7676'       |                  |
|                                                                                                                                                                                                                                                     |             |        |                                                                                                                                            | BSPG - 2nd Sand      | 8470'       |                  |
|                                                                                                                                                                                                                                                     |             |        |                                                                                                                                            | BSPG - 3rd Sand      | 9380'       |                  |
|                                                                                                                                                                                                                                                     |             |        |                                                                                                                                            | Wolfcamp             | 9912'       |                  |
|                                                                                                                                                                                                                                                     |             |        |                                                                                                                                            | Strawn               | 10850'      |                  |
|                                                                                                                                                                                                                                                     |             |        |                                                                                                                                            | Atoka Marker         | 11044'      |                  |
|                                                                                                                                                                                                                                                     |             |        |                                                                                                                                            | Atoka Shale          | 11197'      |                  |
|                                                                                                                                                                                                                                                     |             |        |                                                                                                                                            | MorrowCarbonate      | 11353'      |                  |
|                                                                                                                                                                                                                                                     |             |        |                                                                                                                                            | Morrow Clastics      | 11760'      |                  |
|                                                                                                                                                                                                                                                     |             |        |                                                                                                                                            | Lower Morrow         | 12,016'     |                  |
|                                                                                                                                                                                                                                                     |             |        |                                                                                                                                            | MissBarnettShale     | 12180'      |                  |
|                                                                                                                                                                                                                                                     |             |        |                                                                                                                                            | Total Depth          | 12532'      |                  |
|                                                                                                                                                                                                                                                     | DEPTH       |        |                                                                                                                                            |                      |             |                  |
|                                                                                                                                                                                                                                                     | 11916-11955 |        |                                                                                                                                            |                      |             |                  |

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