

## NMOCB

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):

| FORMATION             | TOP   | BOTTOM | DESCRIPTION, CONTENTS, ETC.  |
|-----------------------|-------|--------|--|
| Ojo Alamo             | 2040' | 2136'  | White, cr-gr ss.   |
| Kirtland              | 2136' | 2713'  | Gry sh interbedded w/tight, gry, fine-gr ss.                           |
| Fruitland             | 2713' | 3003'  | Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss. |
| Pictured Cliffs       | 3003' | 3616'  | Bn-Gry, fine grn, tight ss.  |
| Huerfanito Bentonite* | 3616' | 3960'  | White, waxy chalky bentonite   |
| Chacra                | 3960' | 4637'  | Gry fn grn silty, glauconitic sd stone w/drck gry shale                |
| Cliff House           | 4637' | 4739'  | ss. Gry, fine-grn, dense sil ss.                                       |
| Menefee               | 4739' | 5243'  | Med-dark gry, fine gr ss, carb sh & coal                               |
| Point Lookout         | 5243' | 5628'  | sh breaks in lower part of formation                                   |

38. GEOLOGIC MARKERS

| NAME             | TOP         |                  |
|------------------|-------------|------------------|
|                  | MEAS. DEPTH | TRUE VERT. DEPTH |
| Ojo Alamo        | 2040'       |                  |
| Kirtland         | 2136'       |                  |
| Fruitland        | 2713'       |                  |
| Pic.Cliffs       | 3003'       |                  |
| Huerfanito Bent. | 3616'       |                  |
| Chacra           | 3960'       |                  |
| Cliff House      | 4637'       |                  |
| Menefee          | 4739'       |                  |
| Pt.Lookout       | 5243'       |                  |

Perforations continued:

5278, 5284, 5288, 5295, 5301,  
5304, 5307, 5324, 5327, 5330,  
5344, 5367, 5385, 5390, 5406,  
5503, 5506, 5514, 5521, 5523'

\*Huerfanito Bentonite is the legal top of Mesa Verde in New Mexico (North of the Chacra line)

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