

# Formation Tops

WILLIAMS PRODUCTION CO.

|                            |                        |   |            |           |                       |                             |  |
|----------------------------|------------------------|---|------------|-----------|-----------------------|-----------------------------|--|
| <b>Well Name</b>           | Rosa Unit #374         |   |            |           |                       | <b>Field</b>                |  |
| <b>Location</b>            | <b>T</b> 31            | <b>N</b>  | <b>R</b> 5 | <b>W</b>  | <b>Sec</b> 16         | 1145' FNL & 2305' FEL       |  |
| <b>County, State</b>       | Rio Arriba, New Mexico |   |            |           |                       | <b>Basin Fruitland</b>      |  |
| <b>Elevation</b>           | <b>Ground</b>          |   | 6641       | <b>KB</b> | 6657                  |                             |  |
| <b>Date Provided</b>       | 2/5/2009               | <b>By</b>   | RLH        |           |                       |                             |  |
| <b>Rig</b>                 | Aztec #781             |   |            |           |                       |                             |  |
| <b>API #</b>               | 30-039-30112           |   |            |           |                       |                             |  |
| <b>Formation</b>           |                        |   |            |           | <b>Measured Depth</b> | <b>Structural Elevation</b> |  |
| San Jose Fm.               |                        |   |            |           | Surface               |                             |  |
| Nacimiento Fm.             |                        |   |            | *         | 1550                  | 5107                        |  |
| Ojo Alamo Ss.              |                        |   |            | *         | 2773                  | 3884                        |  |
| Kirtland Sh.               |                        |   |            | *         | 2887                  | 3770                        |  |
| Fruitland Fm.              |                        |   |            | *         | 3254                  | 3403                        |  |
| Top of Coal                |                        |   |            |           | 3350                  | 3307                        |  |
| Base of Coal               |                        |   |            |           | 3468                  | 3189                        |  |
| Upper Pictured Cliffs Ss.  |                        |   |            |           |                       |                             |  |
| Middle Pictured Cliffs Ss. |                        |   |            |           |                       |                             |  |
| Pictured Cliffs Ss.        |                        |   |            |           | 3469                  | 3188                        |  |
| Lewis Sh.                  |                        |   |            |           |                       |                             |  |
| Huerfanito Bentonite       |                        |   |            |           |                       |                             |  |
| Cliff House Ss.            |                        |   |            |           |                       |                             |  |
| Menefee Fm.                |                        |   |            |           |                       |                             |  |
| Pt. Lookout Ss.            |                        |   |            |           |                       |                             |  |
| Mancos Sh.                 |                        |   |            |           |                       |                             |  |
| Gallup Ss. Member          |                        |   |            |           |                       |                             |  |
| Greenhorn Ls. Member       |                        |   |            |           |                       |                             |  |
| Graneros Sh. Member        |                        |   |            |           |                       |                             |  |
| Dakota Ss.                 |                        |   |            |           |                       |                             |  |
| Morrison Ss.               |                        |   |            |           |                       |                             |  |
| Total Depth - Driller      |                        |   |            |           | 3574                  | 3083                        |  |
| Total Depth - Logging Co.  |                        |   |            |           | 3562                  | 3095                        |  |
| Open Hole Logging Co.:     | Weatherford            |   |            |           |                       |                             |  |
| Open Hole Logs Available:  | Run 1:                 | Gamma Ray-Density-Neutron, Compensated Dual Neutron |            |           |                       |                             |  |
|                            | Run 2:                 |   |            |           |                       |                             |  |
|                            | Run 3:                 |   |            |           |                       |                             |  |
|                            | Run 4:                 |   |            |           |                       |                             |  |

Note: Formation tops with the \* were picked from the cased hole portion of the log, no open hole logs available.

RCVD FEB 13 '09  
OIL CONS. DIV.  
DIST. 3

by