

HALLIBURTON

SPECTRAL GAMMA RAY  
DUAL SPACED NEUTRON  
SPECTRAL DENSITY

|                                       |                         |                                       |         |          |
|---------------------------------------|-------------------------|---------------------------------------|---------|----------|
| COMPANY NADEL AND GUSSMAN PERMIAN LLC |                         | COMPANY NADEL AND GUSSMAN PERMIAN LLC |         |          |
| WELL MOHAWK STATE No. 1               |                         | WELL MOHAWK STATE No. 1               |         |          |
| FIELD WILDCAT; ATOKA-MORROW (GAS)     |                         | FIELD WILDCAT; ATOKA-MORROW (GAS)     |         |          |
| COUNTY CHAVES                         |                         | COUNTY CHAVES                         |         |          |
| STATE NEW MEXICO                      |                         | STATE NEW MEXICO                      |         |          |
| Permanent Datum                       | GL                      | Sect. 20                              | Twp. 8S | Rge. 33E |
| Log measured from                     | KB                      | Elev. 4389.0 ft                       |         |          |
| Drilling measured from                | KB                      | 17.5 ft above perm. Datum             |         |          |
| Date                                  | 11-Dec-09               |                                       |         |          |
| Run No.                               | ONE                     |                                       |         |          |
| Depth - Driller                       | 10975.00 ft             |                                       |         |          |
| Depth - Logger                        | 10973.0 ft              |                                       |         |          |
| Bottom - Logged Interval              | 10918 ft                |                                       |         |          |
| Top - Logged Interval                 | 200 ft                  |                                       |         |          |
| Casing - Driller                      | 9.625 in @ 3755.0 ft    |                                       |         |          |
| Casing - Logger                       | 3746.0 ft               |                                       |         |          |
| Bit Size                              | 8.750 in                |                                       |         |          |
| Type Fluid in Hole                    | BRINE                   |                                       |         |          |
| Density                               | 10.4 ppq                | 42.00                                 | s/qt    |          |
| PH                                    | 10.00                   | pH                                    | 1.5     | cpkm     |
| Source of Sample                      | CUSTOMER                |                                       |         |          |
| Rm @ Meas. Temperature                | 0.10 ohmm @ 45.00 degF  | @                                     | @       |          |
| Rmf @ Meas. Temperature               | 0.04 ohmm @ 45.00 degF  | @                                     | @       |          |
| Rmc @ Meas. Temperature               | 0.08 ohmm @ 45.00 degF  | @                                     | @       |          |
| Source Rmf                            | MEAS                    | MEAS                                  |         |          |
| Rm @ BHT                              | 0.03 ohmm @ 165.0 degF  | @                                     | @       |          |
| Time Since Circulation                | 6.0 hr                  |                                       |         |          |
| Time on Bottom                        | 11-Dec-09 05:05         |                                       |         |          |
| Max. Rec. Temperature                 | 165.0 degF @ 10973.0 ft | @                                     | @       |          |
| Equipment                             | 798                     | HOBS, NM                              |         |          |
| Recorded By                           | JUSTIN LUCAS            | DANIEL HEITZ                          |         |          |
| Checked By                            | MIKE MATTEUCCI          |                                       |         |          |

