

LEGEND

**GEOPHYSICAL LOGS**

**Gamma**  
Standard gamma ray (includes K, U, and Th)  
Caliper  
Diphenyl Quinone from three arm caliper

**Density**  
Compensated, two detector, focus: density using a 2.0 G Caesium 137 source  
Differential Density  
Difference between Original and Post Abandonment Compensated Density

**Neutron**  
Neutron (near) (cps) Above  
Neutron (far) (cps) Below  
Relative Hydrogen Content Above  
Relative Hydrogen Content Below

**Formation Acoustic Velocity** (us/ft)

**Density (near) (g/cc)**  
**Density (far) (g/cc)**  
**Compensated Density (g/cc)**

**Well Construction**

**Original Conditions**

**Post Abandonment Conditions**

**MISCELLANEOUS NOTES (Original Conditions):**

1. Top of casing elevation: 885 feet (PAC/8)
2. All depths referenced to top of steel casing
3. Coordinates of well: Northing: 3270484.4 Easting: 164005.5 NAD83 (UTM Zone 14)
4. Well construction derived from 3005 Caliper log (3 arms)
5. Geophysical logging conducted by RAS, Inc. on August 24, 2009
6. Nuclear logging conducted by Century Geophysics on August 25, 2009

**MISCELLANEOUS NOTES (Post Abandonment Conditions):**

1. Top of casing elevation: 885 feet (PAC/8)
2. All depths referenced to top of steel casing
3. Coordinates of well: Northing: 3270484.4 Easting: 164005.5 NAD83 (UTM Zone 14)
4. Well construction derived from 8220 Caliper log (single arm)
5. Nuclear logging conducted by Century Geophysics on August 27, 2009

**DERIVED WELL CONSTRUCTION**

Pre-perforation Annular Seal  
Post-perforation Annular Seal

Good - solid with no voids  
Marginal - 10% to 50% voids or other defects  
Poor - 50% to 100% voids (no annular material)

Good - solid with no voids  
Marginal - 10% to 50% voids or other defects  
New gravel quality filled through perforations

