



## PROPOSAL

### **New Mexico State Well ID**

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The New Mexico Environment Department (NMED) in conjunction with the New Mexico Office of the State Engineer (NMOSE) are collaborating on developing an integrated “well exchange” system for the State of New Mexico. Under a U.S. Environmental Protection Agency grant the initial focus is on Water Well databases of NMED, OSE, and the USGS.

#### **Major Tasks:**

- Creation of a New Mexico Well Identification (NMWID) System
- Creation of data standards and data exchange templates
- Exchange of data through the EPA National Environmental Information Exchange Network (XML-based)

#### **NMWID Criteria:**

- The New Mexico Well ID shall be a unique numeric identifier with no spaces or characters.
- Sidetracks or nested wells would all have the same ID, but would be distinguished by a separate 2-digit sidetrack ID field.
- The New Mexico Well ID can be used to relate well ID's from various legacy databases to each other by associating each ID to the New Mexico Well ID.

#### **NMWID Proposal:**

The proposed NM Well ID uses a modified FIPS (Federal Information Processing Standards) code with the following parameters: **SS|CCC|Sequence#**.

##### *State Code (SS):*

The first two digits of the NMWID represent the state code (SS), per FIPS Pub. 5-2, <http://www.itl.nist.gov/fipspubs/fip5-2.htm>

##### *County Code (CCC):*

The third through fifth digits of the universal well ID represent the county code (CCC), per FIPS Pub. 6-4, <http://www.itl.nist.gov/fipspubs/fip6-4.htm>

##### *Unique Well Identifier (Sequence#):*

The sixth through twelfth digits represent a unique number within the county where the well is located (*Sequence#*). This would include all types of wells including water, injection, monitoring, oil & gas, etc., including both active and inactive wells. The initial creation of these numbers may be a chronological sort.

**Comments:** Currently, the State Well Exchange Development Committee is gathering comments from State Agencies. Please send comments and ideas to Jim Benenson, NMED GISAC Representative at [jim\\_benenson@nmenv.state.nm.us](mailto:jim_benenson@nmenv.state.nm.us).