

**Bedrock Aquifer Evaluation Determination Tool****Denver Basin Aquifer - Specific Location Determination Tool**

**Applicant:** API # 05-123-17087  
UPRC #13-13J

**Receipt No:**

**Evaluated By:** DM

**Location:** SW 1/4 of SW 1/4 of Sec. 13, T.3N, R.65W. ( 849 SSL, 831 WSL)

**Basin Designation:** Location is within the UNKNOWN Designated Ground Water Basin.

**Ground Surface Elevation:** 4847 Feet      **Number of Acres:** 160

Warning! The depth intervals estimated in this area may vary from actual conditions due to lack of data and/or structural complexity.

| Aquifer           | Elevation (ft) |            | Net Sand | DEPTH (ft) |            | ANNUAL APPROP. (A-F) | STATUS |
|-------------------|----------------|------------|----------|------------|------------|----------------------|--------|
|                   | <i>Bot</i>     | <i>Top</i> |          | <i>Bot</i> | <i>Top</i> |                      |        |
| Upper Dawson      | --             | --         | --       | --         | --         | --                   | --     |
| Lower Dawson      | --             | --         | --       | --         | --         | --                   | --     |
| Denver            | --             | --         | --       | --         | --         | --                   | --     |
| Upper Arapahoe    | --             | --         | --       | --         | --         | --                   | --     |
| Lower Arapahoe    | --             | --         | --       | --         | --         | --                   | --     |
| Laramie-Fox Hills | 4275           | 4614       | 177.8    | 572        | 233        | 42.68                | NT     |

NOTE: 'E' indicates a location is at an aquifer boundary and the values may be more approximate.

Plug and Abandon Surface Casing Check

Operator: Noble

Doc # 401558464

Deepest Water Well Within 1 Mile: 580'      Number of Wells: 77

Deepest Water Well Within 1.5 Miles: 600'      Number of Wells: 153

Sussex production within 1 mile.