

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

**Applicant:** API # 05-123-16985  
HSR-REA #12-20

**Reciept No:**

**Evaluated By:** DM

**Location:** NW 1/4 of SW 1/4 of Sec. 20, T.3N, R.65W. ( 2123 SSL, 522 WSL)

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

**Ground Surface Elevation:** 4918 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 APRPROP. (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	4314	4635	170.2	604	283	40.85	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: Kerr McGee

Doc # 401412629

Deepest Water Well Within 1 Mile: 550'      Number of Wells:14

Deepest Water Well Within 1.5 Miles: 740'      Number of Wells: 61

Sussex production within 1 mile.