

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

**Applicant:** API # 05-123-27142  
RADEMACHER #39-25

**Receipt No:**

**Evaluated By:** DM

**Location:** NW 1/4 of NE 1/4 of Sec. 25, T.3N, R.68W. ( 1300 NSL, 1536 ESL)

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

**Ground Surface Elevation:** 4870 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	4724	4822	51.8	146	48	12.44	E NNT

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 # 401593865 and APIs 05-123-23946, 052-123-27092, 05-123-27140, 05-123-27141 and 05-123-27146

Deepest Water Well Within 1 Mile: 50'      Number of Wells: 12

Deepest Water Well Within 1.5 Miles: 355'      Number of Wells: 83

Sussex production within 1 mile.