

**Bedrock Aquifer Evaluation Determination Tool**

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

**Applicant:** API # 05-123-21860  
AGGREGATE #16-9

**Receipt No:**

**Evaluated By:** DM

**Location:** SE 1/4 of SE 1/4 of Sec. 9, T.2N, R.66W. ( 760 SSL, 760 ESL)

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

**Ground Surface Elevation:** 4936 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	4914	4954	16.8	22	-18	4.57	NNT
Laramie-Fox Hills	4267	4540	177.5	669	396	42.59	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 # 401714946

Deepest Water Well Within 1 Mile: 710'      Number of Wells: 46

Deepest Water Well Within 1.5 Miles: 860'      Number of Wells: 218

Sussex production within 1 mile.