

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

Applicant: API # 05-123-08402
GERALD PICKERING
GU #1

Reciept No:

Evaluated By: DM

Location: SW 1/4 of NE 1/4 of Sec. 28, T.1N, R.65W. (1650 NSL, 1480 ESL)

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

Ground Surface Elevation: 5011 Feet **Number of Acres:** 160

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	4813	4950	55.0	198	61	14.95	NNT
Lower Arapahoe	4496	4738	94.6	515	273	25.74	NT
Laramie-Fox Hills	3859	4125	158.5	1152	886	38.05	NT

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

Elevation of the bottom and the depth to the bottom of the Upper Arapahoe aquifer are approximate and should be checked against the DENVER BASIN ATLAS NO. 3.

Surface Casing Check

Operator: Kerr McGee

Deepest Water Well Within 1 Mile: 1,211'

Number of Wells: 102

Deepest Water Well Within 1.5 Miles: 1,211'

Number of Wells: 232