

Bedrock Aquifer Evaluation Determination Tool

Denver Basin Aquifer - Specific Location Determination Tool

Applicant: API # 05-123-16975
HSR-NEMIROW #5-20

Receipt No:

Evaluated By: DM

Location: SW 1/4 of NW 1/4 of Sec. 20, T.3N, R.65W. (2120 NSL, 525 WSL)

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

Ground Surface Elevation: 4909 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
	Bot	Top		Bot	Top		
Upper Dawson	--	--	--	--	--	--	--
Lower Dawson	--	--	--	--	--	--	--
Denver	--	--	--	--	--	--	--
Upper Arapahoe	--	--	--	--	--	--	--
Lower Arapahoe	--	--	--	--	--	--	--
Laramie-Fox Hills	4320	4642	170.2	589	267	40.85	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.

Plug and Abandon Surface Casing Check

Operator: Kerr McGee

Doc # 401412385

Deepest Water Well Within 1 Mile: 502'

Number of Wells: 11

Deepest Water Well Within 1.5 Miles: 740'

Number of Wells: 51

Sussex production within 1 mile.