



## Bedrock Aquifer Evaluation Determination Tool

### Denver Basin Aquifer - Specific Location Determination Tool

Applicant: Kerr McGee - Cummings 19 Pad

Receipt Number:

Location: NW 1/4 of NW 1/4 of Sec. 19, T.5N, R.67W. (1157 NSL, 1148 WSL)

Evaluated By:

Basin Designation: Location is within the UNKNOWN Designated Groundwater Basin

Ground Surface Elevation: 4859

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. (AF)	Status
	Bottom	Top		Bottom	Top		
Upper Dawson	--	--	--	--	--	--	--
Lower Dawson	--	--	--	--	--	--	--
Denver	--	--	--	--	--	--	--
Upper Arapahoe	--	--	--	--	--	--	--
Lower Arapahoe	--	--	--	--	--	--	--
Laramie-Fox Hills	--	--	--	--	--	--	--

Data for the Laramie-Fox Hills aquifer may be missing or approximate and should be checked against the DENVER BASIN ATLAS NO. 4.

#### New Drill Surface Casing Check

Operator: Kerr McGee

Pad Name Cummings 19

Deepest water well within 1 mile: 600' # of wells: 114

Production within 1 mile: J-Sand, Codell, Niobrara, Muddy J

Doc #'s:

CUMMINGS 19-1HZ	402031814
CUMMINGS 19-3HZ	402031820
CUMMINGS 19-4HZ	402031822
CUMMINGS 19-5HZ	402031824
CUMMINGS 19-7HZ	402031829
CUMMINGS 19-8HZ	402031831
CUMMINGS 19-9HZ	402031833
CUMMINGS 19-10HZ	402031838
CUMMINGS 19-11HZ	402031840
CUMMINGS 19-12HZ	402031842
CUMMINGS 19-13HZ	402031843
CUMMINGS 19-2HZ	402031819
CUMMINGS 19-6HZ	402031827