



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

Applicant: CRESTONE PEAK RESOURCES Receipt Number:  
 Location: SE 1/4 of NE 1/4 of Sec. 22, T.1N, R.68W. (1701 NSL, 1222 ESL) Evaluated By: CH  
 Basin Designation: Location is within the UNKNOWN Designated Groundwater Basin  
 Ground Surface Elevation: 5183 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	5136	5184	20.1	47	-1	5.47	E NT
Laramie-Fox Hills	4452	4795	198.0	731	388	47.52	NNT

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

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

Operator: Crestone  
 Pad Name: Cosslett East

Doc #:

403210756	Cosslett East Federal 1A-22H-H168
403211694	Cosslett East 1B-22H-H168
403214585	Cosslett East 1C-22H-H168
403216109	Cosslett East 1D-22H-H168
403216182	Cosslett East 1E-22H-H168
403216249	Cosslett East 1F-22H-H168
403216398	Cosslett East 1G-22H-H168
403217925	Cosslett East 1H-22H-H168
403218029	Cosslett East 1I-22H-H168
403218127	Cosslett East 1J-22H-H168
403218308	Cosslett East 1K-22H-H168
403218361	Cosslett East 1L-22H-H168
403219089	Cosslett East 1M-22H-H168
403219396	Cosslett East 1N-22H-H168

Deepest Water Well Within One Mile: 850' Number of Wells: 50

Production within one mile: DKTA, JSND, CARL, CODL, FTHYS, NBRR, SNSD,