



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

Applicant: PDC - Sec 13 3N 64W Receipt Number:
 Location: SE 1/4 of SE 1/4 of Sec. 13, T.3N, R.64W. (153 SSL, 1309 ESL) Evaluated By:
 Basin Designation: Location is within the UNKNOWN Designated Groundwater Basin
 Ground Surface Elevation: 4750 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	4237	4559	167.8	513	191	40.22	NT

Plug and Abandon Surface Casing Check

Operator Crestone	PDC E1/2 S13 3N 64W					
API or Doc #	Guttersen 34-13 (API 123-26356)					
SB5 Base of Fox Hills	513			OG GR	WW GR	Elev Diff
Deepest Water Well Within One Mile / number of wells	/					
Deepest Water Well Within Two Miles / number of wells	620	/	36	4750	4782	-32
Sussex / Shannon Production within one mile	Y					
Operator Existing Surface Casing Depth	676					
Production Casing to be pulled	876					
Required aquifer protection depth in this well	L-FH	513	50	563		
	WW	620	-32	50	688	