

Report Date: 10/9/2015

Bedrock Aquifer Evaluation Determination Tool

Denver Basin Aquifer - Specific Location Determination Tool

Applicant: Guttersten Section 5

Receipt No:

Evaluated By:

Location: SE 1/4 of SW 1/4 of Sec. 5, T.3N, R.63W. (170 SSL, 1971 WSL)

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

Ground Surface Elevation: 4888 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 APRPROP. (A-F)	STATUS
	Bot	Top		Bot	Top		
Upper Dawson	--	--	--	--	--	--	--
Lower Dawson	--	--	--	--	--	--	--
Denver	--	--	--	--	--	--	--
Upper Arapahoe	--	--	--	--	--	--	--
Lower Arapahoe	--	--	--	--	--	--	--
Laramie-Fox Hills	4283	4589	165.7	585	269	39.77	NT

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

SURFACE CASING CHECK

Well Name ___Guttersten Sec 5 well pad, 7 wells, 3N 63W_____

X New Drill ☐ Refiling ☐ Deepen ☐ Re-Enter ☐ Recomplete and Operate ☐ Plug and Abandon ☐ Casing Repair ☐ Disposal

SB5 Base of Fox Hills _____ 585 _____

Cheyenne Basin Map Base of Fox Hills _____

Fox Hills Protection Area 5% Rule _____

Deepest Water Well w/in _1_ Mile(s) _____ 402 _____

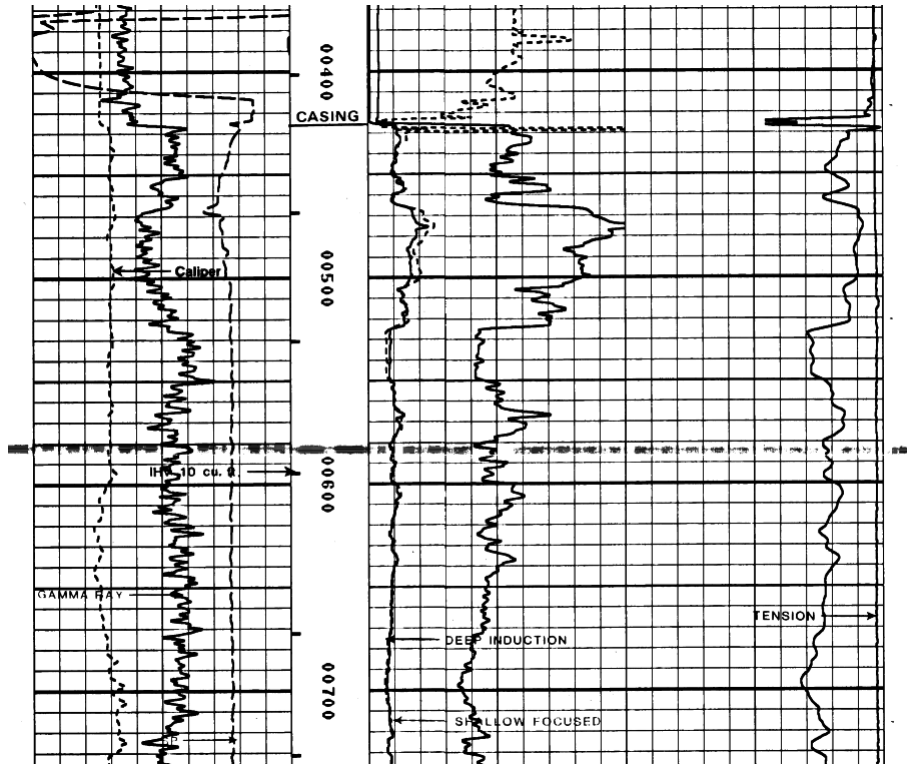
Operator-Proposed Surface Casing Depth _____ 775 _____

Actual Surface Casing Depth _____

Change Permit Surface Casing Depth from _____ to _____

OK on ☐ this well's or X offset well's induction log at _____ 580 _____

Offset well UPV #5-13J3 (123-18400) GL 4853'



Water Wells Selected From Map					
Filter Results by Depth		Greater than		Filter	
WELL DESCRIPTION	LOCATION	WELL INFORMATION			
		Depth	Top Perf	Bottom Perf	Aquifer
Receipt=9058650, Permit=0001081-- L&F RANCH	SESW 5 3 N-63W	300	0	0	KLF
Receipt=9059910, Permit=0007895-- L & F RANCH	NWSE 8 3 N-63W	402	0	0	KLF