

Report Date: 10/8/2015

Bedrock Aquifer Evaluation Determination Tool

Denver Basin Aquifer - Specific Location Determination Tool

Applicant: Land Pad

Receipt No:

Evaluated By:

Location: NW 1/4 of NE 1/4 of Sec. 32, T.2N, R.66W. (947 NSL, 1735 ESL)

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	4807	4953	60.5	102	-44	16.47	NNT
Laramie-Fox Hills	4154	4419	138.6	755	490	33.27	NT

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

SURFACE CASING CHECK

Well Name ___Land 5 well pad, 32 2N 66W_____

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

SB5 Base of Fox Hills _____ 755 _____

Cheyenne Basin Map Base of Fox Hills _____

Fox Hills Protection Area 5% Rule _____

Deepest Water Well w/in _1_ Mile(s) _____ 830 _____

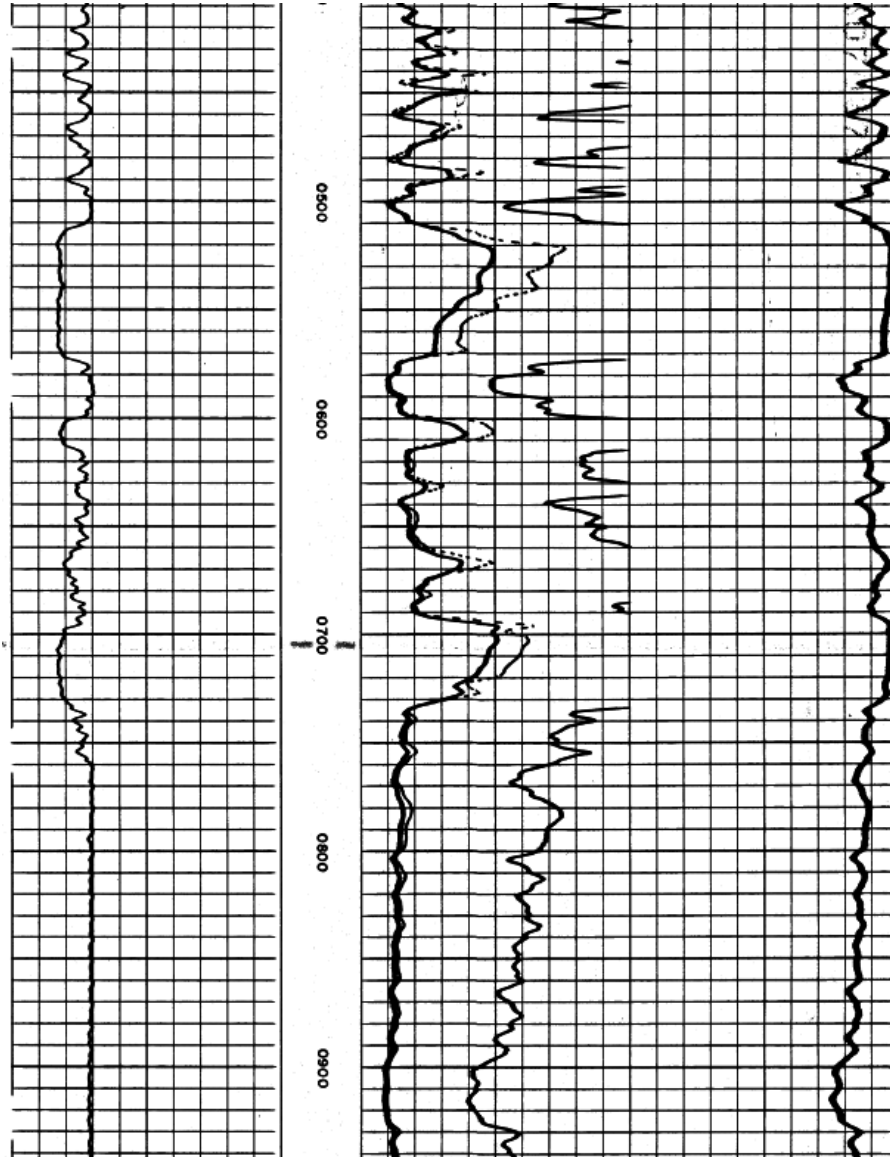
Operator-Proposed Surface Casing Depth _____ 1600 _____

Actual Surface Casing Depth _____

Change Permit Surface Casing Depth from _____ to _____

OK on ☐ this well's or X offset well's induction log at _____ 730 _____

Offset well Keith A Carter Unit #1(123-07767) GL 4909'



Receipt=0093437, Permit=0099444-A WHITTEMORE HEATHER	NWNW 33 2 N-66W	830	0	0	KLF
Receipt=04845380, Permit=0237878- CARTER CLIFFORD	NWNW 33 2 N-66W	0	0	0	GW
Receipt=9066096, Permit=0099444- VYNCKIER DONALD	NWNW 33 2 N-66W	830	0	0	GW
Receipt=0381953, Permit=0191809- DOCKTER JAMES A	SWNW 33 2 N-66W	669	525	667	KLF
Receipt=0381953A, Permit=0095482-VF- DOCKTER JAMES	SWNW 33 2 N-66W	0	0	0	KLF
Receipt=9064227, Permit=0041222- ANDERSON RUTH B & RICHARDSON MARTHA	SWSW 33 2 N-66W	58	0	0	GW