

Report Date: 10/8/2015

Bedrock Aquifer Evaluation Determination Tool

Denver Basin Aquifer - Specific Location Determination Tool

Applicant: Land Fed Pad

Receipt No:

Evaluated By:

Location: NE 1/4 of NW 1/4 of Sec. 32, T.2N, R.66W. (1040 NSL, 1409 WSL)

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

Ground Surface Elevation: 4897 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	4828	4957	53.7	69	-60	14.60	E NNT
Laramie-Fox Hills	4168	4432	145.2	729	465	34.86	NT

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

SURFACE CASING CHECK

Well Name ___Land Fed 13 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 _____ 729 _____

Cheyenne Basin Map Base of Fox Hills _____

Fox Hills Protection Area 5% Rule _____

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

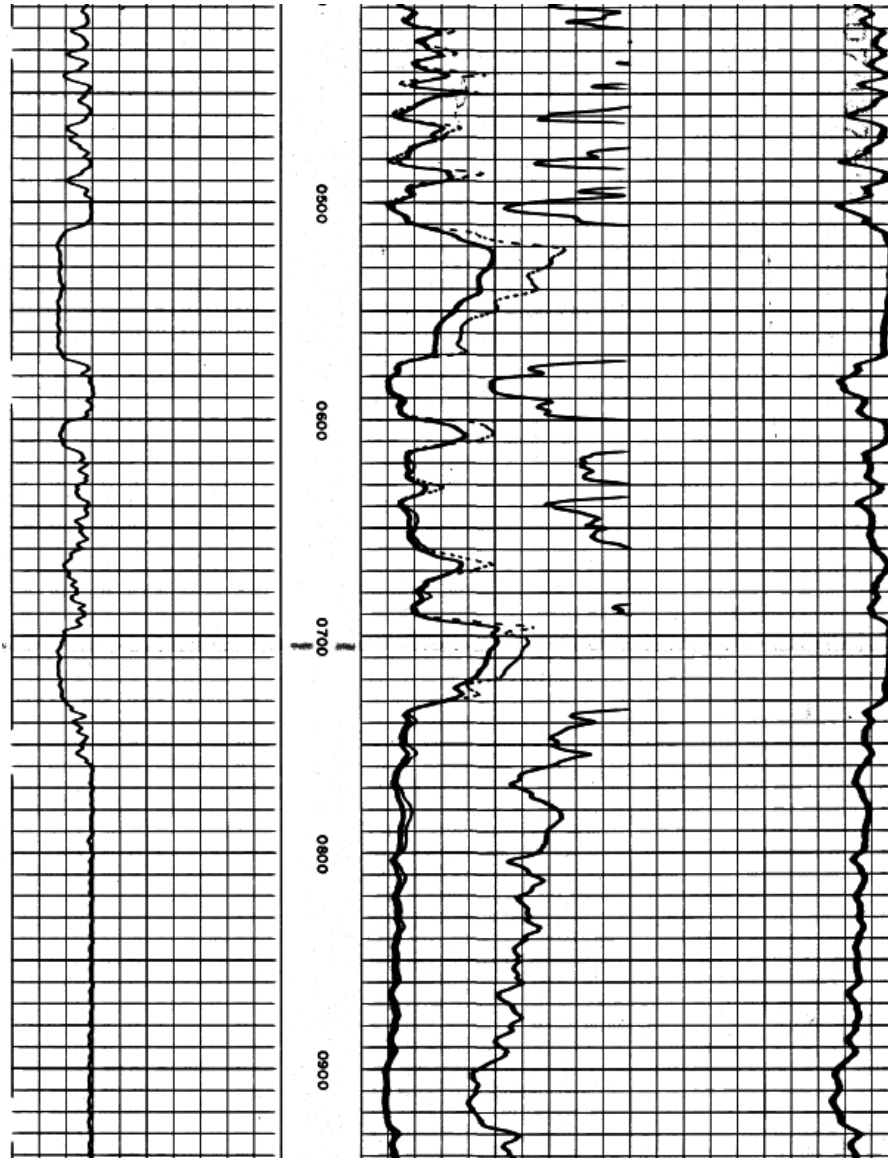
Operator-Proposed Surface Casing Depth _____ 1600 _____

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=0429293_Permit=0212077-- ALE PARTNERSHIP	SESE 29 2 N-66W	755	560	755	GW
Receipt=C620084_Permit=0000084-WCB- PUTNAM NEIL	SWSE 29 2 N-66W	528	448	528	KLF
Receipt=9059502_Permit=0006124-R- ALE PARTNERSHIP	SESW 29 2 N-66W	50	0	0	GW
Receipt=3618603_Permit=0138485--A MCINTOSH FARM COMPANY	SESW 29 2 N-66W	50	10	50	GW
Receipt=0251602_Permit=0138485-- HOLT B L & PATRICIA L	SESW 29 2 N-66W	0	0	0	GW
Receipt=9058880_Permit=0002261-F- FT LUPTON CANNING CO	NENE 32 2 N-66W	54	0	0	GW
Receipt=0045564A_Permit=0045564-MH- XCEL ENERGY	NENE 33 2 N-66W	10	3	10	GW
Receipt=0093437_Permit=0099444--A WHITTEMORE HEATHER	NWNW 33 2 N-66W	830	0	0	KLF
Receipt=0484539B_Permit=0237978-- 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