

Buford 33-9-1L
API 123-45543
402 218849

Buford 33-8-2L
123-45540
402 219859

Buford 33-8-4L
123-45539
402 219967

Buford 33-7-1L
123-45536
402 220098

Buford 33-7-3L
API 123-45537
402 220158

Buford 33-6-2L
API 123-45538
402 220441

Buford 33-6-4L
API 123-45535
402 220575

SURFACE CASING CHECK

Well Name Freedom 33 PAO

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

SB5 Base of Fox Hills 1269' + 50' = 1319'

Cheyenne Basin Map Base of Fox Hills _____

Fox Hills Protection Area 5% Rule _____

Deepest Water Well w/in One Mile 740' + 50' = 790'

Operator-Proposed Surface Casing Depth 1500'

Actual Surface Casing Depth _____

Change Permit Surface Casing Depth from _____ to _____

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

Sussex Production w/in 1 mile



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

Applicant: Freedom 33 Pad - Confluence DJ
Location: SW 1/4 of SW 1/4 of Sec. 33, T.1N, R.65W. (932 SSL, 457 WSL)
Basin Designation: Location is within the UNKNOWN Designated Groundwater Basin
Ground Surface Elevation: 5081 Number of Acres: 160

Receipt Number:

Evaluated By:

Aquifer	Elevation (ft)		Net Sand	Depth (ft)		Annual Approp. (AF)	Status
	Bottom	Top		Bottom	Top		
Upper Dawson	--	--	--	--	--	--	--
Lower Dawson	--	--	--	--	--	--	--
Denver	--	--	--	--	--	--	--
Upper Arapahoe	4774	4983	58.9	307	98	16.02	NNT
Lower Arapahoe	4419	4699	98.2	662	382	26.71	NT
Laramie-Fox Hills	3812	4083	147.3	1269	998	35.35	NT

Elevation of the bottom and the depth to the bottom of the Upper Arapahoe aquifer are approximate and should be checked against the DENVER BASIN ATLAS NO. 3.



COLORADO

Oil & Gas Conservation Commission

Department of Natural Resources

(Save as pdf)

Selected Items Report

Oil and Gas Wells Selected			
Filter Results by Formation <input type="text" value="Include"/> <input type="button" value="Filter"/>			
WELL DESCRIPTION	LOCATION ID	LOCATION	WELL INFORMATION

Water Wells Selected From Map					
Filter Results by Depth <input type="text" value="Greater than"/> <input type="text" value="350"/> <input type="button" value="Filter"/>					
WELL DESCRIPTION	LOCATION	WELL INFORMATION			
		Depth	Top Perf	Bottom Perf	Aquifer
Receipt=0458095, Permit=224819--- HINES JAMES EDWARD	SWSW 28 1.0 N -65.0 W	615	355	615	ALL UNNAMED AQUIFERS
Receipt=3642228B, Permit=68969-F-- LACOE, DAN	NWSE 33 1.0 N -65.0 W	720	435	720	LOWER ARAPAHOE
Receipt=3691501B, Permit=83358-F-- LACOE, DAN	NWSE 33 1.0 N -65.0 W	720	0	0	LOWER ARAPAHOE
Receipt=3660906, Permit=53138--A-- DOUGHERTY KEVIN E & DEANNA L	SESE 33 1.0 N -65.0 W	365	80	365	UPPER ARAPAHOE
Receipt=3663538, Permit=78112-F-- LENDE, PRESTON	SESE 33 1.0 N -65.0 W	740	0	0	LOWER ARAPAHOE
Receipt=0361373, Permit=174676--- JOHNSON, KAROL A	NENE 4 1.0 S -65.0 W	360	200	360	UPPER ARAPAHOE
Receipt=0367897, Permit=178576--- LONGHURST MARK & JAMI	NENE 4 1.0 S -65.0 W	380	165	380	UPPER ARAPAHOE
Receipt=0427063, Permit=208902--- ALLGEIER, ROGER	SWNE 4 1.0 S -65.0 W	600	465	600	LOWER ARAPAHOE
Receipt=0390176, Permit=190530--- GUNSON, MARK D	NENE 5 1.0 S -65.0 W	580	360	580	LOWER ARAPAHOE
Receipt=0464494, Permit=228469--- SACK, DONALD	SWNE 5 1.0 S -65.0 W	660	380	680	LOWER ARAPAHOE
Receipt=0401826, Permit=196771--- RODRIGUEZ IGNACIO MOTA	SWNE 5 1.0 S -65.0 W	560	385	560	LOWER ARAPAHOE
Receipt=0392522, Permit=191607--- KLINKER RICHARD H & JUDITH A	NENW 5 1.0 S -65.0 W	600	400	600	LOWER ARAPAHOE
Receipt=0437474, Permit=214466--- KLINKER, RICHARD	NWNW 5 1.0 S -65.0 W	580	380	580	LOWER ARAPAHOE