

Cleland 15-1HZ  
# 402011001

Cleland 15-2HZ  
# 402011003

Cleland 15-3HZ  
# 402011006

Cleland 15-4HZ  
# 402011013

Cleland 15-5HZ  
# 402011014

SURFACE CASING CHECK

Well Name Cleland 15-1HZ Pao

☒ New Drill ☐ Refiling ☐ Deepen ☐ Re-Enter ☐ Recomplete and Operate ☐ Plug and Abandon ☐ Casing Repair Km 6

SB5 Base of Fox Hills 653' + 50' = 703'

Cheyenne Basin Map Base of Fox Hills \_\_\_\_\_

Fox Hills Protection Area 5% Rule \_\_\_\_\_

Deepest Water Well w/in One Mile 850' + 50' = 900'

Operator-Proposed Surface Casing Depth \_\_\_\_\_

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: CLELAND 11-15HZ PAD  
Location: NE 1/4 of SW 1/4 of Sec. 15, T.1N, R.68W. (1753 SSL, 1877 WSL)  
Basin Designation: Location is within the UNKNOWN Designated Groundwater Basin  
Ground Surface Elevation: 5151 Number of Acres: 160

Receipt Number:  
Evaluated By:

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	5119	5169	21.0	32	-18	5.71	NT
Laramie-Fox Hills	4498	4846	198.7	653	305	47.69	NNT

Data for the Laramie-Fox Hills aquifer may be missing or approximate and should be checked against the DENVER BASIN ATLAS NO. 4.



# 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="550"/> <input type="button" value="Filter"/>					
WELL DESCRIPTION	LOCATION	WELL INFORMATION			
		Depth	Top Perf	Bottom Perf	Aquifer
Receipt=9059103, Permit=3917-F-- IMPERIAL COAL CO - EAGLE MINE	SWSE 15 1.0 N -68.0 W	850	450	850	ALL UNNAMED AQUIFERS
Receipt=9066279, Permit=114803--- LUVIN, ARMS	NWSW 15 1.0 N -68.0 W	615	0	0	ALL UNNAMED AQUIFERS
Receipt=0397831, Permit=195165--- GERDES, CARL	NENE 16 1.0 N -68.0 W	560	280	560	LARAMIE FOX HILLS
Receipt=0401971, Permit=197001--- SNYDER, PATRICK	NENE 16 1.0 N -68.0 W	580	370	580	LARAMIE FOX HILLS
Receipt=3604753, Permit=270075--- SANDERSON, GEOFF	NENE 16 1.0 N -68.0 W	680	200	680	LARAMIE FOX HILLS
Receipt=0414181, Permit=202961--- SCOTT, LINDA	SENE 16 1.0 N -68.0 W	625	300	625	LARAMIE FOX HILLS
Receipt=0417288, Permit=204741--- STERKEL, STEVEN J	SENE 16 1.0 N -68.0 W	600	0	0	LARAMIE FOX HILLS
Receipt=0417443, Permit=208153--- STAGGS, TIMOTHY P	SENE 16 1.0 N -68.0 W	600	290	600	LARAMIE FOX HILLS
Receipt=0421550, Permit=206232--- SNELL, HANNAH	SWNE 16 1.0 N -68.0 W	560	0	0	LARAMIE FOX HILLS
Receipt=0432683, Permit=212221--- ALVAREZ RAUL J II	SWNE 16 1.0 N -68.0 W	590	470	590	LARAMIE FOX HILLS
Receipt=0408479, Permit=199941--- KELDERMAN SHARON & LARRY D	SWNE 16 1.0 N -68.0 W	560	300	560	ALL UNNAMED AQUIFERS