

Kortum LD-33-179HN  
API # 001-09873  
#401768464

Kortum LD 33-179HC  
API # 001-09884  
#401768596

Kortum LD 33-178HNX  
API 001-09885  
#401768913

Kortum LD 33-178HN  
API - 001-09897  
#401769036

Kortum LD 33-176HN  
API 001-09892  
#401769228

Kortum LD 33-176HC  
API - 001-09877  
#401769547

Kortum LD-33-175HNX  
API # 001-09896  
#401770608

Kortum LD 33-175HN  
API # 001-09894  
#401770886

Kortum LD 33-173HN  
API # 001-09890  
#401771013

Kortum LD 33-173HC  
API # 001-09881  
#401771089

Kortum LD 33-172HNX  
API 001-09880  
#401771236

Kortum LD 33-172HN  
API 001-09871  
#401771321

Kortum LD 33-171HN  
API 001-09878  
#401769906

#### SURFACE CASING CHECK

Well Name Kortum LD 33 (South)

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

SB5 Base of Fox Hills 1164' + 50' = 1214'

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

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

Deepest Water Well w/in One Mile 1200' + 50' = 1250'

Operator-Proposed Surface Casing Depth 1700'

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 4 in 1 in

Kortum LD33-170HC  
API # 001-09874  
#401 769546

Kortum LD33-169HN  
API 001-09882  
#401 768592

Kortum LD33-169HNX  
API 001-09876  
#401 769120

Kortum LD33-168HC  
API 001-09886  
#401 768205

Kortum LD33-168HN  
API 001-09895  
#401 768413

Kortum LD33-166HN  
API 001-09883  
#401 767146

Kortum LD33-166HNX  
API 001-09893  
#401 767390

Kortum LD33-165HC  
API 001-09872  
#401 766829

Kortum LD33-165HN  
API 001-09891  
#401 766946

Kortum LD33-163HN  
API 001-09870  
#401 766093

Kortum LD33-163HNX  
API 001-09875  
#401 766397

Kortum LD33-162HC  
API 001-09879

~~API~~ #401 765146

#### SURFACE CASING CHECK

Well Name Kortum LD33 (South)  
Gwcl

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

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

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

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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:** Kortum LD 33 (South Wells)

**Reciept No:**

**Evaluated By:**

**Location:** NW 1/4 of NE 1/4 of Sec. 21, T.1S, R.67W. ( 215 NSL, 2085 ESL)

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

**Ground Surface Elevation:** 5188 Feet      **Number of Acres:** 160

Aquifer	Elevation (ft)		Net Sand	DEPTH (ft)		ANNUAL APRPROP. (A-F)	STATUS
	<i>Bot</i>	<i>Top</i>		<i>Bot</i>	<i>Top</i>		
Upper Dawson	--	--	--	--	--	--	--
Lower Dawson	--	--	--	--	--	--	--
Denver	--	--	--	--	--	--	--
Upper Arapahoe	--	--	--	--	--	--	--
Lower Arapahoe	4724	4999	125.0	464	189	34.01	NNT
Laramie-Fox Hills	4024	4304	220.7	1164	884	52.97	NT

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

**COLORADO****Oil & Gas Conservation  
Commission**

Department of Natural Resources

(Save as pdf)

## Selected Items Report

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

Water Wells Selected From Map					
Filter Results by Depth		Greater than <input type="checkbox"/>	1099	<input type="button" value="Filter"/>	
WELL DESCRIPTION	LOCATION	WELL INFORMATION			
		Depth	Top Perf	Bottom Perf	Aquifer
Receipt=0433681, Permit=14448-F-R-- HIGH PLAINS WATER USERS ASSOC	NESE 20 1.0 S -67.0 W	1,200	975	1,180	LARAMIE FOX HILLS
Receipt=0463220, Permit=227657--- BAYER, RAYMOND	NWSW 22 1.0 S -67.0 W	1,140	900	1,140	LARAMIE FOX HILLS
Receipt=3649660, Permit=227657--A-- BAYER, RAYMOND	NWSW 22 1.0 S -67.0 W	1,180	920	1,180	LARAMIE FOX HILLS
Receipt=0024400, Permit=24400-MH-- BOSTON FARMS SUBDIVISION	NWSW 22 1.0 S -67.0 W	1,140	880	1,140	ALL UNNAMED AQUIFERS
Receipt=0376420J, Permit=184088--- TROSTEL, JUSTIN	NWSW 22 1.0 S -67.0 W	1,140	880	1,140	LARAMIE FOX HILLS
Receipt=0376420L, Permit=184090--- CARLSON LEE S TRUSTEE	NWSW 22 1.0 S -67.0 W	1,100	920	1,100	LARAMIE FOX HILLS