

#401 720976

SURFACE CASING CHECK

Well Name Ray SWD 2 NGL

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

SB5 Base of Fox Hills 1101'

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

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

Deepest Water Well w/in One Mile 1118'

Operator-Proposed Surface Casing Depth 1175'

Actual Surface Casing Depth \_\_\_\_\_

Change Permit Surface Casing Depth from \_\_\_\_\_ to \_\_\_\_\_

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

No Sussex production w/in 1 mile

## Bedrock Aquifer Evaluation Determination Tool

Denver Basin Aquifer - Specific Location Determination Tool

Applicant: Roy SWD 2

Reciept No:

Evaluated By:

Location: NW 1/4 of NE 1/4 of Sec. 28, T.1N, R.66W. ( 301 NSL, 2077 ESL)

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

Ground Surface Elevation: 5047 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 APRPROP. (A-F)	STATUS
	<i>Bot</i>	<i>Top</i>		<i>Bot</i>	<i>Top</i>		
Upper Dawson	--	--	--	--	--	--	--
Lower Dawson	--	--	--	--	--	--	--
Denver	--	--	--	--	--	--	--
Upper Arapahoe	4867	4890	6.5	180	157	1.78	E NT
Lower Arapahoe	4564	4804	90.6	483	243	24.65	NNT
Laramie-Fox Hills	3946	4213	181.6	1101	834	43.58	NT

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

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

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## 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="1000"/> <input type="button" value="Filter"/>					
WELL DESCRIPTION	LOCATION	WELL INFORMATION			
		Depth	Top Perf	Bottom Perf	Aquifer
Receipt=0079351, Permit=89428--- <b>HEITMAN, K D</b>	NENW 27 1.0 N -66.0 W	1,040	915	1,040	LARAMIE FOX HILLS
Receipt=0469570, Permit=230870--- <b>ANDERSON, JERRY R</b>	NENW 27 1.0 N -66.0 W	1,118	920	1,118	LARAMIE FOX HILLS
Receipt=3679330, Permit=305707--- <b>MUNOZ GUILLERMO C &amp; JOANN</b>	NENW 27 1.0 N -66.0 W	1,060	0	0	LARAMIE FOX HILLS
Receipt=0213436, Permit=37806--A-- <b>FRANK ANTHONY P &amp; CAROLYN M HEIN</b>	NESE 27 1.0 N -66.0 W	1,112	962	1,112	ALL UNNAMED AQUIFERS
Receipt=3628074, Permit=279065--- <b>HALE TONY &amp; KELLI</b>	NENE 28 1.0 N -66.0 W	1,080	855	1,080	LARAMIE FOX HILLS
Receipt=3672592, Permit=299840--- <b>RED OILFIELD SERVICES LLC</b>	SENE 28 1.0 N -66.0 W	1,028	800	1,028	LARAMIE FOX HILLS
Receipt=0533892, Permit=261707--- <b>SACK, GEORGE</b>	NENW 28 1.0 N -66.0 W	1,007	840	1,007	LARAMIE FOX HILLS
Receipt=0372847A, Permit=44041-F-- <b>LORENZ, MIKE</b>	SENE 29 1.0 N -66.0 W	1,060	840	1,060	LARAMIE FOX HILLS
Receipt=0372847B, Permit=44040-F-- <b>LORENZ, MIKE</b>	SENE 29 1.0 N -66.0 W	1,040	880	1,040	LARAMIE FOX HILLS