

Sunset 4-65 21-22 3AH

402 404 345

Sunset 4-65 21-22 3BH

402 404 346

Sunset 4-65 21-22 4BH

402 404 347

SURFACE CASING CHECK

Well Name Grande 4-65 20-19 3AH P&O (EAST)

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

SB5 Base of Fox Hills 1962' + 50' = 2012'

Cheyenne Basin Map Base of Fox Hills _____

Fox Hills Protection Area 5% Rule _____

Deepest Water Well w/in One Mile 707' + 50' = 757'

Operator-Proposed Surface Casing Depth 2250'

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

Grande 4-65 20-19 3CH
402 404 338

Grande 4-65 20-19 4CH
402 404 342

Grande 4-65 20-19 4AH
402 404 340

SURFACE CASING CHECK

Well Name Grande 4-65 20-19 3AH Pao (west)
(CPR)

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

SB5 Base of Fox Hills 1962' + 50' = 2012'

Cheyenne Basin Map Base of Fox Hills _____

Fox Hills Protection Area 5% Rule _____

Deepest Water Well w/in One Mile 707' + 50' = 757'

Operator-Proposed Surface Casing Depth 2250'

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: Grande 4-65 20-19 3AH Pad

Receipt Number:

Location: NW 1/4 of SW 1/4 of Sec. 21, T.4S, R.65W. (1422 SSL, 433 WSL)

Evaluated By: EJ

Basin Designation: Location is within the UNKNOWN Designated Groundwater Basin

Ground Surface Elevation: 5618

Number of Acres: 160

Aquifer	Elevation (ft)		Net Sand	Depth (ft)		Annual Approp. (AF)	Status
	Bottom	Top		Bottom	Top		
Upper Dawson	--	--	--	--	--	--	--
Lower Dawson	--	--	--	--	--	--	--
Denver	4789	5541	234.5	829	77	63.78	NNT
Upper Arapahoe	4544	4756	128.2	1074	862	34.87	NT
Lower Arapahoe	4237	4469	103.0	1381	1149	28.02	NT
Laramie-Fox Hills	3656	3908	152.3	1962	1712	36.55	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.