

✓ Rio LC 12-371HN
#401 783056
✓ Rio LC 12-372HN
#401 783060
✓ Rio LC 12-372HNX
#401 783061
✓ Rio LC 12-373HC
#401 783065
✓ Rio LC 12-373HN
#401 783067
✓ Rio LC 12-375HN
#401 783073
✓ Rio LC 12-375HNX
#401 783077

✓ Rio LC 12-376HC
#401 783079
✓ Rio LC 12-376HN
#401 783080
✓ Rio LC 12-378HN
#401 783083
✓ Rio LC 12-378HNX
#401 783086
✓ Rio LC 12-379HC
#401 783088
✓ Rio LC 12-379HN
#401 783094

SURFACE CASING CHECK

Well Name Rio LC PAD

GWOC

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

SB5 Base of Fox Hills 839'

Cheyenne Basin Map Base of Fox Hills _____

Fox Hills Protection Area 5% Rule _____

Deepest Water Well w/in One Mile 950'

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 _____

✓ Rio LC 12-332HN
#401 767440
✓ Rio LC 12-362HN
#401 768123
API-001-09951
✓ Rio LC 12-242HC
#401 747399
API-001-09950
✓ Rio LC 12-363HN
#401 769008
API 001-09949
✓ Rio LC 12-363HNX
#401 772665
API 001-09948
✓ Rio LC 12-365HC
#401 782424
001-09947

✓ Rio LC 12-365HN
#401 783031
001-09946
✓ Rio LC 12-366HN
#401 783035
#001 09945
✓ Rio LC 12-366HNX
#401 783042
✓ Rio LC 12-368HC
#401 783046
✓ Rio LC 12-368HN
#401 783053
✓ Rio LC 12-369HNX
#401 783054
✓ Rio LC 12-370HC
#401 783055

SURFACE CASING CHECK

Well Name Rio LC PAD

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

SB5 Base of Fox Hills 839'

Cheyenne Basin Map Base of Fox Hills _____

Fox Hills Protection Area 5% Rule _____

Deepest Water Well w/in One Mile 950'

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 4/11/11

Report Date: 4/4/2019

Bedrock Aquifer Evaluation Determination Tool

Denver Basin Aquifer - Specific Location Determination Tool

Applicant: Rio LC Pad

Receipt No:

Evaluated By:

Location: NW 1/4 of NW 1/4 of Sec. 6, T.1S, R.67W. (248 NSL, 154 WSL)

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

Ground Surface Elevation: 5070 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 | 4827 | 5053 | 75.3 | 243 | 17 | 20.48 | NNT |
| Laramie-Fox Hills | 4231 | 4498 | 179.6 | 839 | 572 | 43.11 | 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"/> | Filter |
| WELL DESCRIPTION | LOCATION ID | LOCATION | WELL INFORMATION |

| Water Wells Selected From Map | | | | | |
|---|--------------------------|------------------|----------|-------------|----------------------|
| Filter Results by Depth | | Greater than ▼ | 900 | Filter | |
| WELL DESCRIPTION | LOCATION | WELL INFORMATION | | | |
| | | Depth | Top Perf | Bottom Perf | Aquifer |
| <u>Receipt=0382463, Permit=44900-F--</u> SACK ALBERT F & ANNE V | SESE 31 1.0 N -67.0 W | 815 | 644 | 815 | LARAMIE FOX HILLS |
| <u>Receipt=0290324, Permit=33976-F--</u> SACK ALBERT F & ANNE V | NWNE 6 1.0 S -67.0 W | 820 | 645 | 800 | LARAMIE FOX HILLS |
| <u>Receipt=0324914, Permit=39488-F--</u> SACK ALBERT F & ANNE V | NWNE 6 1.0 S -67.0 W | 820 | 645 | 800 | LARAMIE FOX HILLS |
| <u>Receipt=0239290, Permit=132959---</u> PARKS, NEIL C | NENW 6 1.0 S -67.0 W | 816 | 610 | 816 | ALL UNNAMED AQUIFERS |
| <u>Receipt=0536060, Permit=262516---</u> CHRISTOPHER, EDWARD A | NENW 6 1.0 S -67.0 W | 820 | 560 | 820 | LARAMIE FOX HILLS |
| <u>Receipt=3669847, Permit=---</u> BELTRAN, VALERIE | NENW 6 1.0 S -67.0 W | 816 | 0 | 0 | LARAMIE FOX HILLS |
| <u>Receipt=0506076, Permit=59243-F--</u> NORTHERN HILLS CHRISTIAN CHURCH | SWSE 6 1.0 S -67.0 W | 940 | 740 | 940 | LARAMIE FOX HILLS |
| <u>Receipt=0431724, Permit=211216---</u> LUCIO JOE LOUIS | NWSW 6 1.0 S -67.0 W | 860 | 650 | 860 | ALL UNNAMED AQUIFERS |
| <u>Receipt=0254166, Permit=141966---</u> DOYLE, S G | NWNW 1 1.0 S -68.0 W | 850 | 600 | 850 | ALL UNNAMED AQUIFERS |
| <u>Receipt=0332162, Permit=162373---</u> HOWELL DONALD R JR | NWNW 1 1.0 S -68.0 W | 810 | 680 | 810 | ALL UNNAMED AQUIFERS |
| <u>Receipt=0366206, Permit=177810---</u> OBRIEN, THOMAS | NWNW 1 1.0 S -68.0 W | 920 | 720 | 920 | LARAMIE FOX HILLS |
| <u>Receipt=9004994, Permit=100857---</u> CURTIS PARES K & SALLY J | NWNW 1 1.0 S -68.0 W | 832 | 653 | 832 | ALL UNNAMED AQUIFERS |
| <u>Receipt=3604930B, Permit=269376---</u> MOGLER, DAVID | SENW 1 1.0 S -68.0 W | 846 | 656 | 846 | LARAMIE FOX HILLS |
| <u>Receipt=9001791, Permit=13593-F--</u> HOPE DITCH COMPANY | SWNW 1 1.0 S -68.0 W | 950 | 606 | 756 | LARAMIE FOX HILLS |
| <u>Receipt=0543109, Permit=13593-F-R--</u> HOPE DITCH CO | SWNW 1 1.0 S -68.0 W | 916 | 666 | 916 | LARAMIE FOX HILLS |