

Edmundson LE 33-039 HC
API 001-10121
#401640539

Edmundson LE 33-042 HN
API 001-10123
#401642944

Edmundson LE 33-042 HNX
API - 001-10107
#401646880

Edmundson LE 33-082 HC
API 001-10106
#401647382

Edmundson LE 33-162 HN
API 001-10111
#401643520

Edmundson LE 33-082 HN
API 001-10113
#401647724

Edmundson LE 33-119 HN
API - 001-10104
#401648659

Edmundson LE 33-119 HNX
API 001-10116
#401647876

Edmundson LE 33-159 HC
API 001-10114
#401648903

Edmundson LE 33-159 HN
API 001-10105
#401649159

Edmundson LE 33-162 HNX
API 001-10119
#401643518

SURFACE CASING CHECK

Well Name Edmundson 30 PAD

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

SB5 Base of Fox Hills 1204' + 50' = 1254'

Cheyenne Basin Map Base of Fox Hills _____

Fox Hills Protection Area 5% Rule _____

Deepest Water Well w/in One Mile 1190' + 50' = 1240'

Operator-Proposed Surface Casing Depth 1500'

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 well w/in 1 mile

Edmundson LE 33-199 HC
API 001-10112
401 644416

Edmundson LE 33-202 HN
API 001-10122
401 644638

Edmundson LE 33-231 HN
API 001-10118
401 649251

Edmundson LE 33-239 HNX
API 001-10117
401 649425

Edmundson LE 33-242 HC
API 001-10108
401 649835

Edmundson LE 33-242 HAN
API 001-10126
401 650487

Edmundson LE 33-282 HN
API 001-10115
401 650795

Edmundson LE 33-282 HNX
API 001-10125
401 650916

Edmundson LE 33-317 HC
API 001-10110
401 651240

Edmundson LE 33-319 HN
API 001-10120
401 651861

Edmundson LE 33-351 HN
API 001-10103
401 644634

Edmundson LE 33-359 HNX
API 001-10109
401 644433

Edmundson LE 33-362 HC
API 001-10124
401 643563

SURFACE CASING CHECK

Well Name Edmundson 30 PAD

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

SB5 Base of Fox Hills _____

Cheyenne Basin Map Base of Fox Hills _____

Fox Hills Protection Area 5% Rule _____

Deepest Water Well w/in One Mile _____

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 _____

Bedrock Aquifer Evaluation Determination Tool

Denver Basin Aquifer - Specific Location Determination Tool

Applicant: Edmundson Pad

Reciept No:

Evaluated By:

Location: SE 1/4 of SE 1/4 of Sec. 30, T.1S, R.66W. (365 SSL, 389 ESL)

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

Ground Surface Elevation: 5059 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 | 4760 | 4950 | 41.2 | 300 | 109 | 11.22 | NNT |
| Lower Arapahoe | 4463 | 4685 | 104.9 | 596 | 375 | 28.54 | NT |
| Laramie-Fox Hills | 3855 | 4062 | 144.3 | 1204 | 997 | 34.63 | 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

(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="450"/> <input type="button" value="Filter"/> | | | | | |
| WELL DESCRIPTION | LOCATION | WELL INFORMATION | | | |
| | | Depth | Top Perf | Bottom Perf | Aquifer |
| Receipt=0397896B, Permit=199000--- TAYLOR ANNA MARIA | SWNE 30 1.0 S -66.0 W | 520 | 340 | 520 | LOWER ARAPAHOE |
| Receipt=0219471, Permit=25981-F-- THIRD CREEK EST WATER USERS ASSOC | SENE 30 1.0 S -66.0 W | 1,044 | 964 | 1,044 | ALL UNNAMED AQUIFERS |
| Receipt=0275661, Permit=32058-F-- THIRD CREEK EST WATER USERS ASSOC | SENE 30 1.0 S -66.0 W | 560 | 340 | 540 | LOWER ARAPAHOE |
| Receipt=0292729, Permit=25981-F-R-- THIRD CREEK ESTATES | SENE 30 1.0 S -66.0 W | 1,190 | 1,026 | 1,190 | LARAMIE FOX HILLS |
| Receipt=0299110B, Permit=35759-F-- THIRD CREEK EST WATER USERS ASSOC | SENE 30 1.0 S -66.0 W | 560 | 340 | 540 | LOWER ARAPAHOE |
| Receipt=0386837, Permit=189221--- BANKS TED K & CONNIE | NESE 30 1.0 S -66.0 W | 500 | 370 | 500 | LOWER ARAPAHOE |
| Receipt=0236992, Permit=131777--- EWING, J L | NESE 30 1.0 S -66.0 W | 520 | 330 | 520 | ALL UNNAMED AQUIFERS |
| Receipt=0208939, Permit=117249--- APPELHANZ, JOHN | SWSE 30 1.0 S -66.0 W | 480 | 357 | 480 | ALL UNNAMED AQUIFERS |
| Receipt=0103389, Permit=106892--- AMEND, RICHARD L | NWNE 31 1.0 S -66.0 W | 475 | 321 | 455 | ALL UNNAMED AQUIFERS |
| Receipt=0514528B, Permit=252651--- KAYLOR, DOROTHY | SWSE 25 1.0 S -67.0 W | 505 | 290 | 505 | LOWER ARAPAHOE |