|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Table A.1: List of wells used in this study |  |  |  |  |
| Well ID # | API # | Longitude | Latitude | Well Name |
| 1 | 0508105321 | -107.435486 | 40.452255 | Voloshin #1 |
| 2 | 0508105345 | -107.621292 | 40.497665 | Yost #1 |
| 3 | 0508105354 | -107.642197 | 40.558044 | Government #1 |
| 4 | 0508105357 | -107.707504 | 40.581421 | Thomas G Dorough - G |
| 5 | 0508105381 | -107.679153 | 40.635666 | Clara Sturman Estate |
| 6 | 0508106174 | -107.483707 | 40.473969 | Levkulich #1 |
| 7 | 0508106200 | -107.627301 | 40.493818 | Billing 1 |
| 8 | 0508106242 | -107.900284 | 40.831085 | Government #13-1 |
| 9 | 0508106260 | -108.49763 | 40.96585 | Shell Creek 44-27 (1 |
| 10 | 0508106317 | -107.712124 | 40.489957 | Robertson 10-1 |
| 11 | 0508106413 | -107.921951 | 40.817474 | FLB Unit #23-2 |
| 12 | 0508106433 | -107.444895 | 40.459649 | 1 Paulovich |
| 13 | 0508106556 | -107.679783 | 40.483418 | Silver 9-11 |
| 14 | 0508106590 | -107.490447 | 40.48239 | 2-16 State |
| 15 | 0508106600 | -107.76947 | 40.636246 | Peroulis #2-19 |
| 16 | 0508106603 | -107.530685 | 40.437576 | Trapper Mine #1-31 |
| 17 | 0508106622 | -108.315857 | 40.971786 | Powder Wash Deep Uni |
| 18 | 0508106668 | -107.6082 | 40.502747 | Zimmerman/Chamberlin |
| 19 | 0508106669 | -107.910901 | 40.574935 | Federal #11-1 |
| 20 | 0508106670 | -107.746275 | 40.527087 | Kleitz 23-29 #1 |
| 21 | 0508106672 | -107.5932 | 40.475338 | State 15-2 |
| 22 | 0508106689 | -107.70723 | 40.585098 | Peroulis Federal #3- |
| 23 | 0508106719 | -107.640772 | 40.497238 | FEE 691-701 |
| 24 | 0508106726 | -107.612231 | 40.493668 | FEE 691-0906 |
| 25 | 0508106816 | -107.606201 | 40.493618 | Aetna 1 |
| 26 | 0508106842 | -107.607571 | 40.497358 | Young 1 |
| 27 | 0510706033 | -107.358003 | 40.48245 | State #1-15 |
| 28 | 0510706039 | -107.097534 | 40.348183 | Fish Creek 6-36 |
| 29 | 0510706055 | -107.312701 | 40.44307 | Breshears #14-30 |
| 30 | 0510706079 | -107.159978 | 40.624669 | Cottonwood Creek Fed |
| 31 | 0510706080 | -107.2663 | 40.443381 | Dry Creek Unit 0-28- |
| 32 | 0510706080 | -107.2663 | 40.443381 | Dry 0-28-6-88 |
| 33 | 0510706081 | -107.133816 | 40.450601 | Grace 1-27 |
| 34 | 0510706087 | -107.155618 | 40.632349 | Cottonwood Creek #2 |
| 35 | 0510706098 | -107.134188 | 40.675179 | Hayden Public Librar |
| 36 | 0510706109 | -107.117745 | 40.378172 | Roche 23-5 |
| 37 | 0510706127 | -107.387404 | 40.481959 | CO ST 1-16 |
| 38 | 0510706137 | -107.257689 | 40.440571 | Dry Creek Unit #34-4 |
| 39 | 0510706137 | -107.257689 | 40.440571 | Dry Creek 34-4 |
| 40 | 0510706144 | -107.360093 | 40.46029 | Temple 1-22 |
| Table A.1: List of wells used in this study (cont.) |  |  |  |  |
| Well ID # | API # | Longitude | Latitude | Well Name |
| 41 | 0510706144 | -107.360093 | 40.46029 | Temple 1-22 |
| 42 | 0510706164 | -107.310542 | 40.524439 | Colorado State #1-31 |
| 43 | 0510706196 | -107.21241 | 40.605249 | State of Colorado 36 |
| 44 | 0510706197 | -107.203099 | 40.606709 | State of Colorado 36 |
| 45 | 0510706201 | -107.395444 | 40.46887 | Breeze #44-17 |
| 46 | 0510706207 | -107.381624 | 40.47017 | Breeze #34-16 |
| 47 | 4900705122 | -107.64845 | 41.50827 | Hollr Springs 1 |
| 48 | 4900705209 | -107.72586 | 41.59256 | Creston Unit A-1 |
| 49 | 4900720133 | -107.7015 | 41.55581 | Creston Unit #1 |
| 50 | 4900720214 | -107.44428 | 41.69222 | Mesa Federal 1 |
| 51 | 4900721029 | -107.76691 | 41.54978 | Creston Nose #1 |
| 52 | 4900721091 | -107.69221 | 41.45121 | Muddy Creek #18-1 |
| 53 | 4900721227 | -107.74136 | 41.02159 | South Baggs Federal |
| 54 | 4900721249 | -107.88686 | 41.51941 | Echo Springs Deep No |
| 55 | 4900721377 | -107.666346 | 41.157639 | Robbers Que 2-29 |
| 56 | 4900721407 | -107.76602 | 41.12798 | Blue Goose Unit 8-5- |
| 57 | 4900721584 | -107.79896 | 41.510937 | Creston Nose No. 1-3 |
| 58 | 4900721984 | -107.562156 | 41.56037 | Ar Fee 1890-SW5 |
| 59 | 4900722194 | -107.767778 | 41.13917 | Robbers Gulch 9-32-1 |
| 60 | 4900722238 | -107.816106 | 41.35635 | Barrel Springs Unit |
| 61 | 4900722621 | -107.825506 | 41.239688 | Flat Top 10-26-15-93 |
| 62 | 4900722662 | -107.704088 | 41.251667 | Mexican Flats #13-24 |
| 63 | 4900722809 | -107.63506 | 41.10202 | Fivemile Point State |
| 64 | 4900722863 | -107.76921 | 41.35536 | Nalsmith Shale 1 |
| 65 | 4900723297 | -107.88623 | 41.29291 | Flat Top 2-8-15-93 |
| 66 | 4900723445 | -107.818356 | 41.320885 | Barrel Springs 4-36- |
| 67 | 4902320042 | -110.21883 | 41.68853 | Ziegler 1 |
| 68 | 4902320105 | -110.29612 | 41.72252 | Dry Muddy Creek UN 1 |
| 69 | 4902320217 | -110.38076 | 41.73555 | Champlin 422 Amoco A |
| 70 | 4902321002 | -110.11035 | 41.63164 | Altrogge 3-18 |
| 71 | 4902321005 | -110.08422 | 41.70558 | Miller 2 |
| 72 | 4902321205 | -110.08457 | 41.91571 | Cow Hollow #68 |
| 73 | 4902321216 | -110.06944 | 41.88062 | Cow Hollow #50 |
| 74 | 4902321373 | -110.14671 | 41.91656 | Shute Creek Unit #40 |
| 75 | 4902321554 | -110.1776 | 41.8975 | Blackjack Federal 30 |
| 76 | 4902321593 | -110.19694 | 41.89778 | Blackjack #30-11 |
| 77 | 4902321635 | -110.225 | 41.9125 | Mariposa Federal #3 |
| 78 | 4902321648 | -110.10725 | 41.91769 | Beard Federal 1-3 |
| 79 | 4903520447 | -109.0883 | 42.27261 | Fed-Pacific Creek 1- |
| 80 | 4903705054 | -109.59129 | 41.02209 | Linwood Unit #1 |
| Table A.1: List of wells used in this study (cont.) |  |  |  |  |
| Well ID # | API # | Longitude | Latitude | Well Name |
| 81 | 4903705088 | -108.59684 | 41.04271 | Govt Unit 1-6 |
| 82 | 4903705162 | -109.423977 | 41.141443 | Current Creek 4 |
| 83 | 4903705173 | -108.73662 | 41.17237 | 58-24 Unit 1 |
| 84 | 4903705188 | -109.36835 | 41.20276 | Govt 4-9V |
| 85 | 4903705211 | -108.76883 | 41.23481 | Screggs Draw 1 |
| 86 | 4903705280 | -109.29944 | 41.37701 | Firehole Unit # 1 |
| 87 | 4903705351 | -109.8 | 41.50991 | Spider Creek Unit B- |
| 88 | 4903705370 | -108.67732 | 41.52786 | Kelly 1 |
| 89 | 4903705634 | -108.52962 | 41.63656 | UPRR Forrest Arch 55 |
| 90 | 4903705798 | -108.58413 | 41.71535 | UPRR Rock Spgs Graze |
| 91 | 4903705844 | -108.87046 | 41.79166 | U.P.R.R. No. 23-17 Z |
| 92 | 4903705865 | -108.533272 | 41.856505 | F-22-98-30-D-1 |
| 93 | 4903705867 | -108.67711 | 41.86049 | #2 Black Rock |
| 94 | 4903705870 | -108.48891 | 41.87131 | Yovit Coyce #1 |
| 95 | 4903705906 | -109.6425 | 41.95431 | Govt #23-22 |
| 96 | 4903720030 | -109.922075 | 41.087726 | Meadow Springs Draw |
| 97 | 4903720060 | -109.07341 | 41.96944 | Nitchie Gulch 9-16 |
| 98 | 4903720240 | -108.74988 | 41.83883 | No. 1-Z Garfield Fed |
| 99 | 4903720241 | -108.83519 | 41.24542 | Wanner - GOVT 1 |
| 100 | 4903720243 | -108.94034 | 41.24927 | Neithig - GOVT 1 |
| 101 | 4903720285 | -109.30282 | 41.61693 | White Mountain Unit |
| 102 | 4903720286 | -108.90922 | 41.86428 | 102 GOVT 23-24-22-10 |
| 103 | 4903720299 | -109.71319 | 41.53879 | Spider Creek #1 |
| 104 | 4903720303 | -109.60545 | 41.69766 | Champlin 97 Amoco 1 |
| 105 | 4903720330 | -107.97258 | 41.70643 | Tierney Unit 1 |
| 106 | 4903720344 | -109.85806 | 41.49849 | Federal Short #22-32 |
| 107 | 4903720352 | -109.14254 | 41.14832 | US-Miller Mountain 1 |
| 108 | 4903720377 | -109.32917 | 41.91509 | Husky Federal No. 7- |
| 109 | 4903720379 | -109.806 | 41.57849 | Champlin 157 Amoco 1 |
| 110 | 4903720427 | -109.42742 | 41.53011 | Green River 1 |
| 111 | 4903720429 | -109.38411 | 41.56306 | West Rock Springs #1 |
| 112 | 4903720431 | -109.38451 | 41.63167 | West White Mountain |
| 113 | 4903720433 | -109.95521 | 41.26152 | Leo Unit 1 |
| 114 | 4903720456 | -108.60216 | 41.1053 | Kinney Unit W-14726 |
| 115 | 4903720466 | -109.854896 | 41.290261 | Wildcat #1X-3 |
| 116 | 4903720525 | -108.80286 | 41.78809 | True-Bluewater Reser |
| 117 | 4903720557 | -108.85034 | 41.20616 | Champlin Fed 1-12 |
| 118 | 4903720559 | -109.60639 | 41.18139 | Currant Creek 1 |
| 119 | 4903720584 | -109.28192 | 41.89626 | Federal - Eden Unit |
| 120 | 4903720602 | -109.854896 | 41.290261 | Henry Unit #1 |
| Table A.1: List of wells used in this study (cont.) |  |  |  |  |
| Well ID # | API # | Longitude | Latitude | Well Name |
| 121 | 4903720632 | -108.37501 | 41.50243 | #1 Delaney Rim Unit |
| 122 | 4903720650 | -109.61351 | 41.96509 | Sandy Bend #1 |
| 123 | 4903720655 | -108.727559 | 41.396406 | Brady Deep Unit #23W |
| 124 | 4903720707 | -108.9653 | 41.18466 | Natural Res-Fed 1-24 |
| 125 | 4903720720 | -109.61387 | 42.09944 | Simpson Gulch 1 |
| 126 | 4903720724 | -108.83087 | 41.19869 | Kent Ranch Unit II2 |
| 127 | 4903720731 | -108.85034 | 41.22396 | Four-Thirty-Federal |
| 128 | 4903720744 | -108.03235 | 41.46207 | Champlin #237 Amoco |
| 129 | 4903720755 | -109.77661 | 41.72741 | Tripp Ranch Unit 1-A |
| 130 | 4903720763 | -108.21073 | 41.47681 | Camplin 256 Amoco A |
| 131 | 4903720764 | -107.99881 | 41.49118 | Champlin 261 - A1 |
| 132 | 4903720790 | -108.30602 | 41.44616 | #1 North Fork Federal |
| 133 | 4903720794 | -107.53841 | 41.80222 | Champlin 272 – Amoco |
| 134 | 4903720799 | -108.1912 | 41.62481 | Tipton II Unit 1 |
| 135 | 4903720806 | -108.18625 | 41.88269 | Red Desert 1 |
| 136 | 4903720810 | -107.63879 | 41.67589 | Champlin 252 Amoco |
| 137 | 4903720832 | -108.53575 | 41.45222 | Higgins Unit 6 22-14 |
| 138 | 4903720850 | -108.35356 | 41.97969 | Hay Reservoir 15689A |
| 139 | 4903720853 | -108.02107 | 41.81808 | Siberia Ridge Unit 5 |
| 140 | 4903720864 | -109.95739 | 41.50149 | Champlin 355 Amoco |
| 141 | 4903720893 | -108.47201 | 41.49518 | Higgins #4 32-32 |
| 142 | 4903720970 | -108.85429 | 41.47571 | # 2-1 Amoco - Champl |
| 143 | 4903720990 | -109.40409 | 41.90649 | Big Wind Unit #1 |
| 144 | 4903721015 | -108.28332 | 41.90419 | Champlin 438 Amoco A |
| 145 | 4903721066 | -109.57119 | 41.42959 | 3-26 Federal Massacr |
| 146 | 4903721092 | -109.51411 | 41.47899 | Massacre Hills - Cha |
| 147 | 4903721157 | -109.20154 | 41.2915 | Silver Dollar 1 |
| 148 | 4903721219 | -108.48521 | 42.14203 | Five Fingers Unit 1 |
| 149 | 4903721316 | -108.8159 | 41.4833 | 3 Government Bluewat |
| 150 | 4903721319 | -109.75073 | 42.24267 | Parrish Mark Unit 1 |
| 151 | 4903721337 | -109.99472 | 41.53056 | Champlin 358 Amoco C |
| 152 | 4903721425 | -109.05164 | 42.12453 | Packsaddle Unit 1 |
| 153 | 4903721434 | -109.09152 | 42.26093 | Pacific Creek Federa |
| 154 | 4903721449 | -109.17211 | 41.96385 | Boars Tusk W-19510 1 |
| 155 | 4903721547 | -108.66463 | 42.12564 | Lost Valley Unit 3 |
| 156 | 4903721671 | -108.37092 | 41.62191 | Table Rock Unit 44 |
| 157 | 4903721703 | -109.13153 | 42.03474 | Federal 44-24 |
| 158 | 4903721721 | -109.1552 | 42.00944 | Goodstein 1 |
| 159 | 4903721735 | -110.01 | 41.91611 | 46 Whiskey Buttes Un |
| 160 | 4903721752 | -109.04952 | 42.20036 | Rock Cabin Federal 1 |
| Table A.1: List of wells used in this study (cont.) |  |  |  |  |
| Well ID # | API # | Longitude | Latitude | Well Name |
| 161 | 4903721853 | -108.9204 | 42.11434 | Pirate Unit 1 |
| 162 | 4903721927 | -109.71611 | 42.14741 | W-62492 1 |
| 163 | 4903721958 | -109.45161 | 41.65963 | Dagger Unit 1 |
| 164 | 4903722011 | -107.5506 | 41.67367 | 1-A Separation Creek |
| 165 | 4903722059 | -109.47222 | 41.85591 | Blue Rim Federal 1-3 |
| 166 | 4903722344 | -108.68667 | 41.47229 | Brady Unit 37N |
| 167 | 4903722661 | -109.96497 | 41.89626 | Uprr No. 34-11 |
| 168 | 4903722688 | -109.77257 | 42.00401 | Raintree Federal No. |
| 169 | 4903722702 | -109.92894 | 41.89677 | Lombraro Butte Feder |
| 170 | 4903722920 | -108.35117 | 41.52122 | #1 Glasnost Federal |
| 171 | 4903723066 | -109.9759 | 41.60232 | Champlin 206 G 1 |
| 172 | 4903723135 | -107.87611 | 41.68444 | Blackbird Federal #2 |
| 173 | 4903723194 | -108.66264 | 41.7975 | Twelve Mile Gulch Un |
| 174 | 4903723259 | -109.97429 | 41.65932 | Champlin 285 L 2 |
| 175 | 4903723453 | -109.969 | 41.71384 | Champlin 326 Amoco G |
| 176 | 4903723494 | -109.38428 | 41.7452 | Mountaineer No. 1-35 |
| 177 | 4903723539 | -109.48137 | 41.86112 | Stratos Federal Unit |
| 178 | 4903723631 | -109.8763 | 41.97424 | Horseshoe Unit #10-1 |
| 179 | 4903723639 | -108.04856 | 41.47342 | Champlin Unit 293 #B |
| 180 | 4903723702 | -108.60352 | 41.99731 | Charlotte 3 Fede |
| 181 | 4903723720 | -108.58693 | 41.47292 | Sand Butte 3-5 |
| 182 | 4903723845 | -108.24481 | 41.77428 | Wild Thing #322 |
| 183 | 4903723886 | -108.36944 | 41.76777 | Sage Flat #6 |
| 184 | 4903724234 | -108.27253 | 41.67704 | Sidewinder Unit #2-H |
| 185 | 4903724248 | -108.70694 | 41.15639 | Chicken Springs 33-3 |
| 186 | 4903724261 | -108.44861 | 41.7975 | Sage Flat Unit #7H |
| 187 | 4903724308 | -109.54783 | 41.93163 | Stagecoach Draw Unit |
| 188 | 4903724316 | -108.17694 | 41.74472 | Peg Federal #1 |
| 189 | 4903724400 | -108.760882 | 41.39207 | Brady Deep #47F |
| 190 | 4903724404 | -110.041428 | 41.918536 | Rainbow Federal 1-6 |
| 191 | 4903724557 | -110.02694 | 41.45444 | Church Buttes Unit # |
| 192 | 4903724948 | -108.748072 | 41.43498 | Churchill Federal Un |
| 193 | 4903725125 | -108.74491 | 41.37869 | Brady Deep 56W |
| 194 | 4903725518 | -108.83826 | 41.24081 | Prstate 15102 NE 36 |
| 195 | 4903725850 | -108.647328 | 41.153919 | Rhode Island Red Fed |
| 196 | 4903726359 | -108.76276 | 41.04627 | Canyon Creek Unit 44 |
| 197 | 4904105223 | -110.196517 | 41.357356 | Target Federal #A1-1 |
| 198 | 4904105236 | -110.41409 | 41.39444 | F-43-6-G Gov’t. Blan |
| 199 | 4904120003 | -110.48583 | 41.14341 | Blacks Fork Unit #1 |
| 200 | 4904120019 | -110.0649 | 41.25429 | Butcher Knife Spring |
| Table A.1: List of wells used in this study (cont.) |  |  |  |  |
| Well ID # | API # | Longitude | Latitude | Well Name |
| 201 | 4904120025 | -110.05526 | 41.18911 | Big Hollow 16-1 |
| 202 | 4904120038 | -110.28028 | 41.20556 | Leavitt Creek Unit # |
| 203 | 4904120103 | -110.17729 | 41.40789 | Champlin 415 Amoco |
| 204 | 4904120106 | -110.41881 | 41.44472 | Amoco Champlin 413 |
| 205 | 4904120200 | -110.16876 | 41.26767 | Hank Unit 1 |
| 206 | 4904120263 | -110.293497 | 41.066743 | Hiller Federal #1-32 |
| 207 | 4904120367 | -110.34181 | 40.99959 | Big Spring Unit #15- |
| 208 | 4904120454 | -110.339533 | 41.101415 | Ausa Federal #1-14 |
| 209 | 4904120556 | -110.46681 | 41.48181 | Champlin 549 Amoco B |
| 210 | 4904120647 | -110.235783 | 41.05861 | Taylor Federal #35-1 |
| 211 | 4904120665 | -110.379334 | 41.123219 | Lyman #9-7 |
| 212 | 4904120686 | -110.116119 | 41.232369 | Allen Federal #1-35 |
| 213 | 4904120724 | -110.2575 | 41.01039 | Luckey Ditch Federal |
| 214 | 4904120732 | -110.465605 | 41.057112 | Thunderbolt Mountain |
| 215 | 4904120740 | -110.26611 | 41.04489 | Whiskey Springs Federal |
| 216 | 4904120759 | -110.26511 | 41.03739 | Lucky Ditch Federal |
| 217 | 4904120774 | -110.29944 | 41.04549 | Whiskey Springs #2 |
| 218 | 4904120778 | -110.39661 | 41.54806 | WECO-UPRC-WWRC 21-15 |
| 219 | 4904120782 | -110.08449 | 41.05011 | Wadsworth Fee #1 |
| 220 | 4904120783 | -110.23529 | 41.136725 | Mountain View Unit # |
| 221 | 4904120786 | -110.29815 | 41.136442 | West Reed Unit #1-6 |
| 222 | 4904120793 | -110.110374 | 41.182279 | 8819 JV-P Dog Spring |
| 223 | 4904120808 | -110.25836 | 41.0741 | Taylor Ranch Federal |
| 224 | 4904120810 | -110.34164 | 41.04431 | Whiskey Springs #6 |
| 225 | 4904120932 | -110.198392 | 41.080196 | Longtree #12-30 #12- |
| 226 | 4904120975 | -110.176917 | 41.110601 | Henry #10-17 |
| 227 | 4904120988 | -110.0815 | 41.40536 | Church Buttes #135 |
| 228 | 4904121027 | -110.142513 | 41.297477 | Cinderella #20-9 |
| 229 | 4904121045 | -110.14645 | 41.48735 | Thompson Federal #2- |
| 230 | 4904121066 | -110.35694 | 41.01444 | Wasatch National For |
| 231 | 4904121077 | -110.25443 | 41.47298 | Austin Reservoir #10 |
| 232 | 4904121084 | -110.292222 | 41.53083 | Hampton #10-21 |
| 233 | 4904121088 | -110.12833 | 41.49472 | State of Wyoming #4 |
| 234 | 4904121106 | -110.1025 | 41.51 | Grace USA 1-30 #5 |