

Appendix B.

Niagaran play dataset used in this study. Field size unit is million barrels oil equivalent (boe).

Discovery date	Field Size
19690003	0.447
19690100	1.95
19690101	0.025
19700102	1.643
19700103	21.607
19700104	4.336
19700105	0.214
19700106	3.284
19700107	3.311
19700108	2.135
19700109	0.91
19700110	1.367
19710101	0.913
19710102	4.151
19710103	1.484
19710104	0.51
19710105	3.562
19710106	6.785
19710107	5.832
19710108	1.435
19710109	4.229
19710110	0.493
19710111	3.416
19710112	14.232
19710113	6.521
19710114	6.443
19710115	2.334
19710116	1.574
19710117	0.206
19710118	1.542
19710119	0.41
19710120	0.433
19710121	0.816
19720101	1.595
19720102	2.891
19720103	1.198
19720104	0.667
19720105	0.441
19720106	1.436
19720107	1.514
19720108	2.229
19720109	0.898
19720110	2.224
19720111	0.879

19720112	0.893
19720113	4.203
19720114	0.807
19720115	4.465
19720116	16.551
19720117	2.63
19720118	5.124
19720119	1.283
19720120	1.721
19720121	4.041
19720122	7.568
19720123	0.287
19720124	1.334
19720125	0.22
19720126	3.571
19720127	0.322
19720128	0.508
19720129	2.989
19720130	2.719
19720201	6.719
19720202	1.08
19720203	3.179
19720204	2.823
19720205	0.92
19720206	1.218
19720207	0.479
19720208	3.478
19720209	1.304
19720210	1.907
19730101	4.467
19730102	0.259
19730103	0.132
19730104	9.921
19730105	0.732
19730106	0.886
19730107	1.831
19730108	1.293
19730109	1.251
19730110	5.5
19730111	1.775
19730112	4.824
19730113	1.931
19730114	3.712
19730115	0.583
19730116	1.88
19730117	5.431
19730118	1.344
19730119	1.907
19730120	0.316
19730121	4.583

19730122	2.502
19730123	2.849
19730124	1.246
19730125	3.252
19730126	1.247
19730127	3.525
19730128	1.332
19730129	0.217
19730130	6.319
19730201	0.648
19730202	2.751
19730203	1.02
19730204	0.736
19730205	3.349
19730206	1.524
19730207	5.059
19730208	2.722
19730209	1.712
19730210	0.187
19730211	2.707
19730212	0.129
19730213	16.87
19730214	1.662
19730215	5.757
19730216	3.301
19730217	1.043
19730218	0.365
19730219	3.352
19730220	0.509
19730221	0.562
19730222	5.325
19730223	4.77
19730224	0.606
19730225	5.223
19730226	0.589
19730227	3.667
19740101	1.198
19740102	0.113
19740103	6.312
19740104	6.831
19740105	0.39
19740106	1.33
19740107	4.04
19740108	0.957
19740109	2.149
19740110	6.034
19740111	1.346
19740112	0.694
19740113	1.651
19740114	2.947

19740115	5.838
19740116	4.609
19740117	1.88
19740118	4.544
19740119	14.105
19740120	3.312
19740121	0.07
19740122	1.818
19740123	1.219
19740124	4.339
19740125	5.581
19740126	5.898
19740127	0.21
19740128	2.285
19740129	1.437
19740130	3.973
19740201	0.808
19740202	0.614
19740203	1.351
19740204	0.858
19740205	1.362
19740206	0.557
19740207	0.058
19740208	3.526
19740209	3.009
19740210	2.615
19740211	0.75
19740212	3.9
19740213	1.267
19740214	5.806
19740215	1.911
19740216	3.128
19740217	2.416
19740218	0.284
19740219	6.576
19740220	0.691
19740221	3.068
19740222	2.924
19740223	1.278
19740224	6.275
19740225	0.708
19740226	0.569
19740227	0.329
19740228	5.259
19740229	1.217
19740230	5.107
19740301	10.808
19740302	0.432
19740303	3.486
19740304	2.656

19740305	5.951
19740306	1.218
19740307	0.76
19740308	3.486
19740309	3.265
19740310	1.535
19740311	7.1
19740312	9.313
19740313	2.074
19740314	1.57
19740315	1.19
19740316	0.593
19740317	6.87
19740318	1.834
19750101	3.378
19750102	0.793
19750103	0.641
19750104	0.812
19750105	0.765
19750106	4.305
19750107	2.837
19750108	0.213
19750109	8.817
19750110	0.179
19750111	1.264
19750112	8.406
19750113	1.958
19750114	1.084
19750115	1.631
19750116	6.176
19750117	0.447
19750118	0.294
19750119	2.371
19750120	0.41
19750121	0.551
19750122	0.504
19750123	1.167
19750124	1.584
19750125	4.551
19750126	6.977
19750127	4.868
19750128	1.004
19750129	0.424
19750130	0.768
19750201	3.563
19750202	1.246
19750203	1.083
19750204	0.372
19750205	2.375
19750206	0.823

19750207	0.783
19750208	0.43
19750209	1.108
19750210	5.617
19750211	0.555
19750212	1.368
19750213	2.058
19750214	0.793
19750215	1.769
19750216	6.383
19750217	0.197
19750218	3.365
19750219	0.381
19750220	1.07
19750221	0.457
19750222	0.955
19750223	0.097
19750224	1.293
19750225	0.229
19750226	1.072
19750227	0.355
19750228	3.886
19750229	0.993
19750230	1.304
19760101	2.802
19760102	0.372
19760103	0.891
19760104	0.735
19760105	0.088
19760106	4.779
19760107	10.181
19760108	3.498
19760109	0.822
19760110	1.466
19760111	2.124
19760112	3.166
19760113	3.767
19760114	0.888
19760115	0.24
19760116	0.435
19760117	0.389
19760118	0.244
19760119	0.906
19760120	0.892
19760121	1.686
19760122	0.497
19760123	2.073
19760124	1.532
19760125	3.281
19760126	1.551

19760127	0.89
19760128	4.079
19760129	1.684
19760130	0.482
19760201	0.106
19760202	1.428
19760203	3.482
19760204	0.378
19760205	1.953
19760206	1.171
19760207	0.115
19760208	0.284
19760209	0.204
19760210	0.561
19760211	0.778
19760212	2.169
19760213	2.697
19760214	1.65
19760215	5.516
19760216	0.848
19760217	1.267
19760218	0.926
19760219	0.141
19760220	0.581
19770101	1.379
19770102	0.158
19770103	0.148
19770104	0.406
19770105	0.306
19770106	6.638
19770107	1.416
19770108	5.038
19770109	0.587
19770110	1.099
19770111	4.356
19770112	0.469
19770113	0.048
19770114	0.876
19770115	2.148
19770116	0.163
19770117	2.731
19770118	0.114
19770119	0.434
19770120	0.388
19770121	0.17
19770122	1.199
19770123	0.083
19770124	0.479
19770125	0.447
19770126	1.17

19770127	1.034
19770128	0.579
19770129	3.625
19770130	1.113
19770201	0.118
19770202	3.1
19770203	0.331
19770204	1.31
19770205	2.202
19770206	0.355
19770207	0.705
19770208	0.551
19770209	1.1
19770210	4.623
19770211	0.871
19770212	2.932
19770213	3.716
19770214	0.314
19770215	0.603
19770216	0.478
19770217	1.737
19770218	0.176
19770219	0.984
19770220	0.092
19770221	1.529
19770222	0.414
19770223	0.298
19770224	0.339
19770225	10.717
19770226	1.748
19770227	0.059
19780101	0.184
19780102	0.504
19780103	0.783
19780104	1.878
19780105	0.345
19780106	0.159
19780107	0.053
19780108	0.314
19780109	1.404
19780110	2.339
19780111	0.505
19780112	1.227
19780113	0.434
19780114	1.32
19780115	1.138
19780116	1.306
19780117	0.43
19780118	2.344
19780119	1.113

19780120	5.229
19780121	1.453
19780122	1.281
19780123	1.307
19780124	0.089
19780125	0.799
19780126	0.729
19780127	0.51
19780128	2.354
19780129	0.49
19780130	1.405
19780201	1.309
19780202	0.058
19780203	2.33
19780204	0.932
19780205	0.182
19780206	1.01
19780207	1.387
19780208	2.184
19790101	0.874
19790102	0.143
19790103	0.345
19790104	1.492
19790105	3.55
19790106	0.348
19790107	0.729
19790108	0.851
19790109	1.147
19790110	0.106
19790111	0.357
19790112	0.251
19790113	1.623
19790114	1.708
19790115	0.643
19790116	0.781
19790117	2.575
19790118	0.1
19790119	0.733
19790120	1.198
19790121	1.415
19790122	1.181
19790123	2.771
19790124	1.39
19790125	1.686
19790126	0.256
19790127	1.039
19790128	1.026
19790129	0.479
19790130	0.161
19790201	0.217

19790202	0.755
19790203	0.863
19790204	0.163
19790205	1.361
19790206	7.257
19790207	3.838
19790208	1.006
19790209	0.084
19790210	0.116
19800101	0.283
19800102	2.86
19800103	1.567
19800104	1.588
19800105	1.332
19800106	0.879
19800107	0.046
19800108	0.08
19800109	1.926
19800110	0.109
19800111	0.504
19800112	0.455
19800113	0.901
19800114	0.102
19800115	0.053
19800116	2.592
19800117	0.864
19800118	1.275
19800119	0.616
19800120	0.511
19800121	0.223
19800122	0.749
19800123	0.153
19800124	0.223
19800125	0.221
19800126	2.949
19800127	1.377
19800128	0.748
19800129	0.274
19800130	2.224
19810101	0.485
19810102	0.657
19810103	0.782
19810104	5.606
19810105	1.372
19810106	0.592
19810107	0.418
19810108	0.513
19810109	0.272
19810110	1.075
19810111	0.51

19810112	1.545
19810113	0.102
19810114	1.939
19810115	1.176
19810116	0.503
19810117	0.636
19810118	0.277
19810119	1.693
19810120	0.126
19810121	0.217
19810122	0.188
19810123	1.39
19810124	0.491
19810125	0.174
19810126	0.205
19820101	1.05
19820102	0.11
19820103	0.198
19820104	0.045
19820105	0.232
19820106	0.031
19820107	0.636
19820108	0.247
19820109	1.066
19820110	0.867
19820111	0.279
19820112	0.182
19820113	1.135
19820114	0.428
19820115	0.171
19820116	0.653
19820117	1.249
19820118	1.418
19820119	0.451
19820120	3.345
19820121	0.602
19820122	1.455
19820123	0.844
19820124	0.347
19820125	0.297
19820126	0.448
19820127	0.261
19820128	0.507
19820129	1.18