

Table 6.--Drillers' logs of wells in Perry County

Well D-1

Owner: F. and J. C. Bamburg

Driller: Black Belt Drilling Co.

	Thickness (feet)	Depth (feet)
Soil and sand.....	10	10
Sand and shell rock in sand.....	10	20
Sand and gravel.....	10	30
Sand and sand rock.....	50	80
Sand and yellow mud.....	30	110
Sand.....	10	120
Pink mud.....	10	130
Sand and pink mud.....	20	150
Pink mud.....	40	190
Sand.....	50	240
Pink mud.....	50	290
Blue rock.....	20	310
Sand and pink mud.....	30	340
Pink mud.....	40	380
Rock and pink mud.....	10	390
Pink mud.....	10	400
Sand and pink mud.....	10	410
Rock and pink mud.....	10	420

Table 6.--Drillers' logs of wells ^{in Perry County} --Continued

Well I-12

Owner: U.S. Dept. of Interior, Fish Hatchery

Driller: Black Belt Drilling Co.

	Thickness (feet)	Depth (feet)
Fill and bluish mud.....	10	10
Sand.....	10	20
Sand and gravel.....	7	27
Clay.....	25	52
Mud, blue, sandy.....	10	62
Clay.....	30	92
Clay and fine-grained sand.....	20	112
Clay.....	2	114
Sand, coarse-grained.....	58	172
Sand, coarse-grained and thin rock.....	20	212
Sand, coarse-grained, and thin clay layers.....	10	222
Sand, coarse-grained and clay.....	10	232
Clay.....	20	252
Sand, coarse-grained.....	30	282
Clay.....	50	332
Clay, (thin rock at 340 ft.).....	8	340
Clay.....	12	352
Clay and thin rock layers.....	10	362
Clay.....	10	372
Clay and sand rock.....	10	382

Table 6.--Drillers' logs of wells ^{*in Perry County*}--Continued

Well I-12--Continued

	Thickness (feet)	Depth (feet)
Clay, sand rock, and clay.....	10	392
Clay.....	10	402
Clay and thin rock.....	10	412
Clay.....	40	452
Clay, fine-grained sand, and thin rock.....	20	472
Sand, fine-grained, and rock.....	10	482
Sand, fine-grained.....	10	492
Sand, fine-grained, and streaks of clay.....	10	502
Sand, fine-grained, rock, and streaks of clay.....	80	582
Sand, fine-grained.....	10	592
Sand, fine-grained, and rock.....	18	610
Sand, fine-grained.....	30	640
Sand, fine-grained, and rock.....	20	660

Table 6.--Drillers' logs of wells ^{in Perry County} --Continued
7

Well M-2

Owner: City of Marion

Driller: Layne-Central Co.

	Thickness (feet)	Depth (feet)
Clay, red.....	20	20
Clay, yellow.....	35	55
Clay, blue, and streaks of sand.....	155	210
Sand and clay.....	49	259
Clay, and streaks of sand.....	19	278
Shale.....	20	298
Shale, sandy.....	19	317
Sand, and streaks of sand.....	25	342
Clay (thin rock at 346 ft/).....	4	346
Clay, and streaks of sand.....	15	361
Sand.....	10	371
Rock.....	1	372
Sand, and streaks of shale.....	25	397
Clay.....	11	408
Sand, packed.....	52	460
Clay, red.....	14	474
Sand, packed.....	8	482
Clay.....	13	495
Sand, packed.....	12	507
Clay, sandy.....	17	524
Clay.....	9	533

Table 6.--Drillers' logs of wells ^{in Perry County} --Continued

Well M-2--Continued

	Thickness (feet)	Depth (feet)
Sand and clay.....	14	547
Sand, packed.....	90	637
Clay.....	3	640
Sand, packed.....	33	673
Clay.....	2	675
Sand.....	3	678
Clay.....	2	680
Clay, sandy.....	28	708
Sand.....	8	716
Clay.....	6	722
Sand.....	33	725
Clay.....	24	749
Sand.....	26	775
Sand, packed, and streaks of clay.....	46	821
Sand.....	8	829
Clay (thin rock at 896 ft/).....	67	896
Shale.....	5	901
Clay.....	5	906
Shale.....	7	913
Rock.....	1	914
Clay and shale, sandy.....	6	920

Table 6.--Drillers' logs of wells ^{in Perry County} --Continued

Well M-2--Continued

	Thickness (feet)	Depth (feet)
Rock.....	1	921
Clay.....	36	957
Rock.....	1	958
Clay, sandy.....	32	990
Rock.....	1	991
Clay, sandy (thin rock at 997 ft/).....	6	997
Clay, sandy.....	4	1001
Rock, and streaks of clay.....	5	1006
Clay, sandy.....	44	1050
Clay, blue.....	24	1074
Shale, sandy.....	23	1097
Clay, and streaks of sand.....	9	1106
Clay, white, brown, and black.....	16	1122
Sand.....	15	1137
Clay.....	2	1139
Sand.....	20	1159
Rock, sandy, and streaks of clay.....	16	1175
Clay, sandy.....	21	1196
Rock.....	8	1204
Clay.....	6	1210
Clay, sandy.....	10	1220
Clay.....	8	1228
Clay, sandy.....	15	1243
Clay, and streaks of sand.....	40	1283

Table 6.--Drillers' logs of wells ^{in Perry County} ~~Continued~~

Well M-3

Owner: City of Marion

Driller: Layne-Central Co.

	Thickness (feet)	Depth (feet)
Clay, red, sandy.....	25	25
Sand, and streaks of clay.....	52	77
Clay, blue.....	13	90
Clay, blue, and streaks of sand.....	230	320
Sand, packed.....	3	323
Shale.....	1	324
Sand, packed.....	25	349
Clay, and streaks of sand.....	8	357
Sand, packed.....	7	364
Shale, sandy.....	7	371
Sand, packed.....	8	379
Sand, packed, and streaks of shale and blue clay..	16	395

Table 6.--Drillers' logs of wells ^{in Perry County} --Continued

Well M-4

Owner: City of Marion

Driller: Layne-Central Co.

	Thickness (feet)	Depth (feet)
Clay, red, sandy.....	30	30
Clay, white, sandy.....	40	70
Clay, blue.....	58	128
Shale, sandy, and streaks of clay and boulders....	179	307
Sand, packed.....	3	310
Clay.....	3	313
Sand, packed.....	2	315
Clay.....	2	317
Rock.....	1	318
Sand, packed.....	32	350
Shale.....	10	360
Sand, packed (thin rock at 379 ft.).....	19	379
Sand and shale.....	7	386
Sand, packed.....	8	394
Clay, red.....	93	487
Sand, fine-grained.....	7	494
Sand, shale, and boulders, clay.....	15	509

Table 6.--Drillers' logs of wells ^{in Perry County} ~~Continued~~

Well M-5

Owner: City of Marion

Driller: Layne-Central Co.

	Thickness (feet)	Depth (feet)
Clay, red.....	15	15
Clay, yellow, and sand.....	25	40
Clay, blue.....	73	113
Shale, sandy.....	27	140
Shale.....	16	156
Shale, sandy.....	136	292
Sand.....	30	322
Sand, and streaks of shale.....	10	332
Sand.....	18	350
Shale.....	11	361
Sand and shale.....	10	371
Clay, white.....	20	391
Clay, red.....	50	441

Table 6.--Drillers' logs of wells ^{in Perry County} ~~Continued~~

Well N-1

Owner: City of Marion

Driller: Layne-Central Co.

	Thickness (feet)	Depth (feet)
Clay, red, and sand, yellow.....	17	17
Clay, blue, and sandstone.....	7	24
Clay.....	111	135
Clay, sandy.....	41	176
Sand.....	64	240
Shale, boulders, and sand.....	4	244
Sand, clay.....	71	315
Clay, white.....	23	338
Clay, red.....	12	350
Sand, red, fine-grained, packed.....	24	374
Clay, red.....	19	393
Sand, packed.....	40	433
Clay and sandstone.....	18	451
Clay.....	13	464
Sand.....	2	466
Clay.....	7	473
Sand, packed.....	133	606
Clay.....	7	613
Sand, packed.....	17	630
Clay, sandy.....	12	642
Sand, packed.....	21	663
Clay, sandy.....	13	676

Table 6.--Drillers' logs of wells ^{in Perry County}--Continued

Well N-1--Continued

	Thickness (feet)	Depth (feet)
Clay.....	4	680
Clay, sandy.....	6	686
Clay.....	25	711
Sand.....	41	752
Clay.....	26	778
Clay, sandy.....	60	838
Rock.....	1	839
Shale, sandy.....	27	866
Rock.....	1	867
Clay.....	2	869
Rock.....	1	870
Clay.....	42	912
Rock.....	2	914
Clay.....	28	942
Rock.....	1	943
Clay, sandy.....	26	969
Rock.....	1	970
Clay and shale, sandy.....	79	1049
Rock.....	1	1050
Clay.....	2	1052
Rock.....	6	1058
Clay.....	28	1086

Table 6.--Drillers' logs of wells---Continued. *in Perry County*

Well H-1

Owner: O. Hopper

Driller: Ace Drilling Co.

	Thickness (feet)	Depth (feet)
Soil.....	3	3
Clay, red.....	4	7
Clay and rock.....	3	10
Clay, white.....	3	13
Clay, white, purple, and yellow.....	7	20
Clay, white, yellow, and red, and streaks of sand.	44	64
Clay, red, gray, and yellow.....	19	83
Sand, yellow, very fine to fine-grained.....	1	84
Sand, yellow, fine- to coarse-grained.....	11	95
Sand, yellow, medium to very coarse-grained.....		
(thin rock at 101 ft).....	6	101
Clay, white.....	4	105
Clay, red and gray.....	8	113
Sand.....	2	115
Clay, gray, red, and yellow (thin rock at 130 ft).	15	130
Sand, very coarse-grained and streaks of gravel...	10	140
Sand, medium-grained.....	6	146
Sand, medium- to coarse-grained.....	16	162
Clay.....	2	164
Sand.....	2	166

Table 6.--Drillers' logs of wells *in Perry County*--Continued

Well N-1--Continued

	Thickness (feet)	Depth (feet)
Sand, cemented, and clay.....	15	1101
Sand, cemented, and clay.....	45	1146
Clay.....	21	1167
Rock.....	1	1168
Sand, cemented, and clay.....	9	1177
Clay.....	23	1200
Sand, cemented, and clay.....	12	1212
Clay.....	25	1237

Table 6.--Drillers' logs of wells ^{in Perry County} --Continued

Well N-4

Owner: Ames Plant

Driller: Layne-Central Co.

	Thickness (feet)	Depth (feet)
Clay, red.....	25	25
Clay, yellow, sandy.....	15	40
Clay.....	10	50
Clay, blue.....	45	105
Clay, sandy.....	80	185
Shale, sandy.....	135	386
Clay, shale.....	37	423
Clay.....	10	433
Sand.....	15	448
Clay.....	11	459
Sand, packed.....	26	485
Clay, red.....	12	497
Clay and sand.....	46	543
Sand, packed.....	90	633
Clay.....	2	635
Sand, packed.....	10	645
Clay, and streaks of sand.....	46	691
Clay.....	22	713
Clay, sandy.....	64	777
Clay.....	8	785
Sand, packed.....	12	797
Clay.....	208	1005

Table 6.--Drillers' logs of wells--Continued ^{in Perry County}

Well N-4--Continued

	Thickness (feet)	Depth (feet)
Rock.....	2	1007
Clay.....	19	1026
Rock.....	2	1028
Clay.....	73	1101

Table 6.--Drillers' logs of wells ^{in Perry County} ~~Continued~~

Well V-2

Owner: City of Uniontown

Driller: Layne-Central Co.

	Thickness (feet)	Depth (feet)
Soil.....	2	2
Lime rock.....	159	161
Hard rock.....	2	163
Chalk.....	345	508
Rock.....	1	509
Sand, fine-grained.....	41	550
Rock.....	2	552
Shale, sandy.....	16	568
Rock.....	2	570
Shale.....	3	573
Rock.....	2	575
Shale, sandy.....	64	639
Clay and shale.....	95	734
Rock.....	2	736
Shale, sandy.....	83	819
Sand, fine-grained.....	15	834
Shale, sandy.....	11	845
Sand, fine-grained, packed.....	35	880
Shale.....	5	885
Sand, packed.....	40	925
Sandstone.....	18	943

Table 6.--Drillers' logs of wells---Continued *in Perry County*

Well V-5

Owner: City of Uniontown

Driller: Layne-Central Co.

	Thickness (feet)	Depth (feet)
Fill.....	5	5
Chalk.....	526	531
Shale, sandy.....	8	539
Rock.....	2	541
Shale.....	75	616
Rock.....	2	618
Shale.....	9	627
Rock.....	1	628
Shale.....	42	670
Rock.....	2	672
Shale.....	153	825
Sand, draggy.....	28	853
Sand.....	87	940
Sand and shale.....	7	947

Table 6.--Drillers' logs of wells ^{in Perry County} --Continued

Well V-6

Owner: M. and T. Cheese

Driller: Layne-Central Co.

	Thickness (feet)	Depth (feet)
Soil.....	8	8
Clay.....	138	146
Rock.....	1	147
Clay.....	338	485
Sand, and streaks of clay.....	12	497
Rock.....	2	499
Sand, and streaks of clay.....	25	624
Rock.....	3	627
Shale, sandy.....	63	790
Sand, and streaks of shale.....	22	812
Sand, red, fine-grained.....	17	829
Rock.....	2	831
Sand, fine-grained.....	14	845
Sand, and streaks of shale.....	7	852
Sand.....	43	895
Sand, packed.....	13	908
Shale.....	10	918

Table 6.--Drillers' logs of wells ^{in Perry County} --Continued.

Well H-1--Continued

	Thickness (feet)	Depth (feet)
Sand, medium- to coarse-grained.....	2	168
Gravel.....	1	169
Sand, medium- to coarse-grained.....	2	171
Sand.....	2	173
Clay.....	1	174
Sand, medium- to coarse-grained.....	7	181
Clay, yellow.....	4	185
Sand, medium- to coarse-grained.....	2	187
Sand.....	4	191
Clay.....	1	192
Sand.....	5	197

Table 6.--Drillers' logs of wells--Continued. *in Perry County*

Well H-3

Owner: E. R. Taylor

Driller: Brady Well and Supply Co.

	Thickness (feet)	Depth (feet)
Clay, yellow.....	12	12
Clay, white, sandy.....	3	15
Sand, yellow.....	19	36
Clay, red, sandy.....	10	46
Sand, fine-grained.....	3	49
Clay, red, sandy (rock break at 79 ft.).....	30	79
Clay, red, sandy (rock break at 81 ft.).....	2	81
Sand.....	19	100
Sand, gravelly.....	6	106
Sand.....	24	130
Sand and gravel.....	20	150

Table 6.--Drillers' logs of wells ^{in Perry County} --Continued.

Well I-11

Owner: U.S. Dept. of Interior, Fish Hatchery

Driller: H. W. Peerson Drilling Supply Co.

	Thickness (feet)	Depth (feet)
Clay, gummy.....	10	10
Sand, fine-grained.....	10	20
Gravel.....	19	39
Clay, pink.....	3	42
Clay, pink, and gravel.....	18	60
Clay, brown, and gravel.....	30	90
Clay, blue, soft, and gravel.....	14	104
Clay, blue, soft.....	8	112
Clay, pink, gumbo.....	9	121
Clay, hard.....	7	128
Sand, medium- to coarse-grained, and streaks of clay.....	9	137
Clay, hard, and streaks of medium- to coarse- grained sand.....	8	145
Sand, medium- to coarse-grained; gravel; and streaks of clay.....	20	165
Sand, medium- to coarse-grained.....	30	195
Clay, hard.....	2	197
Sand, medium- to coarse-grained.....	4	201
Clay, hard.....	1	202

Table 6.--Drillers' logs of wells ^{*in Perry County*} --Continued.

Well I-11--Continued

	Thickness (feet)	Depth (feet)
Sand, medium- to coarse-grained.....	5	207
Clay, hard.....	2	209
Sand, medium- to coarse-grained, and streaks of clay.....	15	224
Sand, medium- to coarse-grained, hard, packed.....	23	247
Clay, sand, and gravel, hard.....	18	265
Clay and sand, hard.....	20	285
Clay, hard.....	3	288
Sand, fine-grained, and streaks of clay.....	12	300
Clay, hard.....	6	306
Sand, fine-grained, packed, and hard clay.....	20	326
Clay, hard, and fine-grained sand.....	16	342
Clay, sandy.....	5	347
Clay, hard, and streaks of sand.....	20	367
Clay, hard, fine-grained sand, and streaks of rock.....	9	378
Clay, and streaks of rock and sand.....	10	388
Sand, fine-grained, and streaks of rock.....	5	393
Clay, hard, and streaks of fine-grained sand.....	15	408
Sand, fine-grained, and clay, hard.....	21	429
Sand, fine-grained, and streaks of clay.....	9	438

Table 6.--Drillers' logs of wells ^{in Perry County} --Continued.

Well I-11--Continued

	Thickness (feet)	Depth (feet)
Clay, hard, and fine-grained sand.....	11	449
Clay, and sand, hard.....	11	460
Clay.....	4	464
Clay, and streaks of sand.....	6	470
Clay.....	5	475
Clay, sandy.....	4	479
Clay.....	10	489
Rock.....	1	490
Shale, clay, and streaks of sand.....	25	515
Shale, clay, and minor amount of sand.....	2	517
Rock.....	10	527
Clay.....	25	552
Clay, shale, and minor amount of sand.....	26	578
Clay, sandy.....	2	580
Clay, gray, soft.....	4	584
Clay, gray, and streaks of sand.....	3	587
Clay, hard.....	1	588
Rock.....	2	590
Sand, medium- to coarse-grained.....	1	591
Clay, hard.....	2	593
Clay, and streaks of sand.....	2	595
Sand, fine-grained, and streaks of clay.....	3	598
Clay, hard, and streaks of fine-grained sand.....	5	603

Table 6.--Drillers' logs of wells ^{in Perry County} --Continued.

Well I-11--Continued

	Thickness (feet)	Depth (feet)
Clay, hard.....	2	605
Sand, fine-grained, and streaks of hard clay.....	8	613
Sand, fine-grained, and shale.....	32	645
Clay, hard.....	1	646
Sand, shale, and streaks of clay.....	8	654
Sand, medium- to coarse-grained.....	6	660
Clay, hard.....	4	664
Sand, medium- to coarse-grained, clay, and shale...	11	675
Rock.....	2	677
Sand, fine-grained, shale, and streaks of rock.....	13	690
Clay, shale, fine-grained sand, and streaks of rock.....	5	695
Sand, fine-grained, shale, and streaks of rock and clay.....	30	725
Rock, shale, clay, and streaks of fine-grained sand.....	11	736
Clay, hard, and streaks of fine-grained sand.....	5	741
Clay, and streaks of coarse-grained sand and shale.....	16	757
Rock.....	1	758
Sand, coarse-grained, interbedded with streaks of rock.....	4	762
Sand, clay, and streaks of rock.....	5	767

Table 6.--Drillers' logs of wells ^{in Perry County}--Continued

Well I-11--Continued

	Thickness (feet)	Depth (feet)
Rock.....	4	771
Clay, hard, and coarse-grained sand and streaks...	2	773
of soft clay.....	2	775
Rock, and streaks of soft clay.....	3	776
Sand, coarse-grained (thin rock at 777 ft.).....	1	777
Sand, coarse-grained.....	1	778
Rock, clay, and streaks of sand.....	8	785
Rock.....	3	788