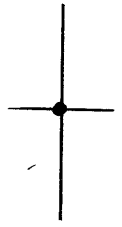


LATITUDE

38° 15'

157° 08'

7 1/2
1.185
33W



LONGITUDE

Located from description on
well record and Map II
of 1926 Nicholas Co. Rept.

7'5 OGIS topo location

7.5' loc 1.185

15' loc _____

29 on Map II of Nicholas Co. Rept (A21) 33W

(calc.) _____

Company Wick Oil & Gas

Farm Gauley Coal Land 1

Quad Mount Nebo 7 1/2

County Nicholas

District Kentucky

WELL LOCATION MAP

File No. 067-70003 Byfarm

Sauley Coal Field.....NO. 1 WELL.

No. 2 O.P. (Nicholas).
No. 2, Nicholas C. Ppt

Kentucky.....District, Nicholas County, W. Va.
The Wick Oil & Gas Co., Youngstown, Ohio. (H. K. Wick, Pres.)
At Deepwell, W. Va., at junction of Deer and Jim Creeks.
Drilled in 1914-1915. *Elevation, 1807' L.*

MT Net = 7 1/2

	Top.	Bottom.
Sand and gravel (conductor, 26')	0	26
Slate	26	45
Lime, white, hard	45	70
Slate, black	70	105
Coal (SLM) <i>well?</i>	105	108
Slate, black	108	129
Second coal	129	130
Slate, white	130	150
Sand, white, hard	150	185
Slate, black	185	220
Lime, white, hard	220	250
Sand, gray	250	283
Slate, white	283	310
Sand, white	310	345
Slate, shale, black	345	400
Lime, hard, gray	400	420
Slate, black	420	435
Gritty lime, gray	435	485
Sand, hard, white (show of gas at 545')	485	525
Lime, hard, white	525	570
Shale, soft, black	570	590
Sand, soft, black	590	603
Slate, white, soft	603	615
Sand, hard, gray	615	655
Slate, soft, black	655	663
Lime, hard, gray	663	705
Red rock, red	705	725
Lime, hard, red	725	745
Red rock, soft	745	758
Lime, black, soft	758	770
Lime, white, hard	770	805
Slate, white, soft	805	815
Red rock, soft	815	825
Lime, gray, hard	825	860
Slate shells	860	900
Red rock, soft	900	940
Lime, gray	940	970
Lime, red, soft	970	990
Red rock, soft	990	1010
Lime, gray, hard	1010	1030
Red rock, soft	1030	1070
Lime, white, hard	1070	1088
Red rock, soft	1088	1100
Black slate	1100	1115
Red lime, hard	1115	1220
Red rock, soft	1220	1238
Lime, gray	1238	1258
Slate, black	1258	1273
Sand, gray, very hard	1273	1450
Slate, white, soft	1450	1480
Lime, hard	1480	1506
Lime, hard	1506	1515

.....NO. 1 WELL. (Continued).
(Wick Oil & Gas Co.)

	Top.	Bottom.
Sand	1515	- 1530
Slate	1530	- 1600
Lime	1600	- 1615
Pencil Cave	1615	- 1620
Big Lime, white	1620	- 1870
Lime, pink, Big Lime	1870	- 1880
Lime, white, Big Lime	1880	- 1960
Red rock	1960	- 1990
Gray sand	1990	- 2040
Slate	2040	- 2070
Gray sand	2070	- 2100
Lime	2100	- 2155
Sand and lime	2155	- 2272
Slate	2272	- 2587
Lime	2587	- 2605
Slate and lime	2605	- 3070
Sand, black	3070	- 3084
Sand, gray (200' salt water at 3100')	3084	- 3360
Sand, light-gray (smell)	3360	- 3375
Sand, dark-gray	3375	- 3550
Slate, black	3550	- 3560
Sand, dark	3560	- 3570
Slate	3570	- 3575
Sand, gray	3575	- 3594
Slate	3594	- 3601
Sand, dark	3601	- 3606
Slate	3606	- 3631
Sand, dark	3631	- 3634
Slate and shells	3634	- 3672
Sand	3672	- 3678
Slate shells	3678	- 3690
Sand shells	3690	- 3698
Sand, black	3698	- 3708
Slate and sand shells	3708	- 3728
Sand, dark	3728	- 3743
Sand, black	3743	- 3773
Slate	3773	- 3778
Sand	3778	- 3830
Lime, to bottom	3830	- 3841

	Thickness.	Total.
	Ft. In.	Ft. In.
Slate	10 6	1211 7
Sand slate	24 9	1236 4
Slate	10 8	1247 0
Sand slate	13 9	1260 9
Sandstone, Pineville?	18 6	1279 3
Total depth of hole, 439' 3"		120' 9"

The following section, measured with aneroid and arranged in descending order, starts at the top of the plateau, 3 miles northeast of Mt. Nebo, and extends southwestward with the public highway to the level of a Coal Test Boring (37), located just east of the ford across Hominy Creek, and 1.8 miles northeast of the village named. Unfortunately the record of this boring was not obtained. The intervals recorded in the section are greater than true vertical measurement would show, there being a dip of approximately 75 feet along the line of traverse:

Hominy Ford Section, Kentucky District.

	Thickness.	Total.
	Feet.	Feet.
Pottsville Series—Kanawha Group (220')		
Sandstone, coarse, cliff rock, Lower Gilbert (top, 2180' B.)	55	55
Concealed and sandstone	155	210
Bench, Lower Douglas Coal horizon (1960' B.)	10	220
Pottsville Series—New River Group (300')		
Sandstone, Upper Nuttall	55	275
Concealed and black slate	60	335
Concealed	35	370
Sandstone, massive, Lower Nuttall	100	470
Concealed	10	480
Shale, gray	5	485
Coal, Hughes Ferry (1695' B.; Prospect No. 1095 on Map II) thickness concealed		485
Concealed to coal test boring (37) (1660' B.)	35	520

In the following section, arranged in descending order, the surface portion was measured with aneroid, starting at the top of the plateau, 0.7 mile northwest of Deepwell, and extending southeastward along the public highway to Deer Creek at Deepwell. The recorded intervals in this portion are less than true vertical measurement would show, as there is a total rise of 50 feet or more along the line of traverse. The lower portion is the record of the Gauley Coal Land Company No. 1 (29) Oil Test Well, drilled by the Wick Oil

and Gas Company, of Youngstown, Ohio, the record having been furnished the Survey by C. M. Boyd, Secretary, the location of the hole being at the foot of the measured section. Only a few slight shows of oil and gas were found:

Deepwell Section (Northwest), Kentucky District.

	Thickness.	Total.
	Feet.	Feet.
Pottsville Series—Kanawha Group (320')		
Sandstone, massive, pebbly, Lower Gilbert, from top of ridge	65	65
Concealed and shale (2250' B.)	60	125
Sandstone, massive, Dotson, and concealed	130	255
Shale, dark, sandy, partly concealed	65	320
Pottsville Series—New River Group (688')		
Sandstone, Upper Nuttall (lower portion)	10	330
Concealed in steep slope (2010' B.)	90	420
Sandstone, Lower Nuttall, and concealed	60	480
Sandstone, Harvey, to level of oil test well (29) (1807' L.)	43	522
Continued by Gauley Coal Land Company No. 1 (29) Oil Test Record (1807' L.):		
Sand and gravel (conductor, 26')	26	549
Slate	19	568
Lime, white, hard	25	593
Slate, black	35	628
Coal, Sewell, steel-line measure	3	631
Slate, black	21	652
Coal	1	653
Slate, white	20	673
Sand, white, hard, Welch	35	708
Slate, black	35	743
Lime, white, hard	30	773
Sand, gray, Rosedale Salt (Upper Raleigh)	33	806
Slate, white	27	833
Sand, white, Guinnimont	35	868
Slate, shale, black	55	923
Lime, hard, gray	20	943
Slate, black	16	959
Lime, gray, gritty	49	1008
Pottsville Series—Pocahontas Group (220')		
Sand, hard, white, Flatop	40	1048
Lime, hard, white (show of gas at 54')	45	1093
Shale, soft, black, Rft	20	1113
Sand, soft, black, 13' 0"		
Slate, soft, white, 10 0 } Pierpont		
Slate, hard, gray, 42 0 }		
Slate, soft, black, Royal?	8	1186
Lime, hard, gray	42	1228
Mauch Chunk Series (915')		
Red rock	20	1248
Lime, hard, red	20	1268
Red rock, soft	13	1281
Lime, black, soft	12	1293

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	Thickness. Feet.	Total. Feet.	
Lime, white, hard	35	1328	
Slate, white, soft	10	1338	
Red rock, soft	10	1348	
Lime, gray, hard, Terry?	35	1383	
Slate, shells	40	1423	
Red rock, soft	40	1463	
Lime, gray	30	1493	
Lime, red, soft	20	1513	
Red rock, soft	20	1533	
Lime, gray, hard	20	1553	
Red rock, soft	40	1593	
Lime, white, hard	18	1611	
Red rock, soft	12	1623	
Slate, black	15	1638	
Lime, red, hard	105	1743	
Red rock, soft	18	1761	
Lime, gray	20	1781	
Slate, black	15	1796	
Sand, gray, very hard, Maxton	177	1973	
Slate, white, soft	30	2003	
Lime, hard...26' } Hinton?	35	2038	
Lime, hard...9 }			
Sand, Webster Springs	15	2053	
Slate	70	2123	
Lime	15	2138	
Cave (Pencil)	5	2143	
Greenbrier Series (340')			
Lime, white...250'	340	2483	
Lime, pink...10 }			
Lime, white...80 }			
Pocono Series (627')			
Red rock	30	2513	
Sand, gray, Big Injun	50	2563	
Slate	30	2593	
Sand, gray, Squaw	30	2623	
Lime	55	2678	
Sand and lime, Weir	117	2795	
Slate	315	3110	
Catskill Series (773')			
Lime	18	3128	
Slate and lime	465	3593	
Sand, black, Bayard (Sixth)?	14	3607	
Sand, gray (200 ft. salt water at 3100 ft.)			
Elizabeth (Seventh)?	276	3883	
Chemung Series (481')			
Sand, light-gray (smell of oil). 15'			
Sand, dark-gray (show of oil). 175			
Slate, black	10		
Sand, dark	10	Warren	
Slate	5	First?	
Sand, gray	19		
Slate	7		
Sand, dark	5		
Slate		25	4154
Slate		3	4157
Sand, dark		38	4195
Slate and shells			

	Thickness. Feet.	Total. Feet.
Sand	6	4201
Slate shells	12	4213
Sand shells	8	4221
Sand, black	10' Warren	
Slate and sand shells...20' } Burnside?	45	4266
Sand, dark	15	
Sand, black	30	4296
Slate	5	4301
Sand, Clarendon?	52	4353
Lime	11	4364

Began spudding February 14, 1916; total depth of hole 3841'; abandoned as dry.

The following section, measured, with aneroid and arranged in descending order, starts at the top of the plateau, 1.2 miles southeast of Deepwell, and extends northwestward with the public highway to Deer Creek, just above the village. Owing to the rise of the rocks the recorded intervals are greater than true vertical measurement would show, there being a total rise of about 125 feet along the line of traverse:

Deepwell Section (Southeast), Kentucky District.

	Thickness. Feet.	Total. Feet.
Pottsville Series—Kanawha Group (375')		
Concealed, with sandstone, from top of ridge	25	25
Sandstone, massive, Decota?	15	40
Slate, dark, Eagle	15	55
Coal blossom, Lower War Eagle (2520' B.)	...	55
Concealed and sandstone, pebbly, Lower Gilbert	120	175
Spring, Gilbert Coal horizon (2400' B.)	...	175
Concealed	200	375
Pottsville Series—New River Group (385')		
Sandstone, massive, cliff, 45' } Upper Nuttall	140	515
Concealed and sandstone. 95 }		
Concealed, with shale	60	575
Sandstone, massive, Lower Nuttall (1940' B.)	60	635
Concealed	30	665
Coal blossom, Hughes Ferry (1910' B.)	...	665
Concealed	50	715
Coal blossom, Lower Jaeger (1860' B.)	...	715
Concealed to creek	45	760

In the following section, arranged in descending order, the surface portion was measured with aneroid, starting at the top of Fury Knob, 1.4 miles southward from Deepwell, and extending northward, mainly with the public highway to the village named. In this portion the recorded intervals are

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