

*Navigation
record in Deep well
report p. 319*

Hardee District, Mingo County, W. Va.
The Pure Oil Co.
On waters of Coal Spring Fork of Laurel.
Elevation, 853'.
Drilling commenced Sept. 23, 1927; completed, Dec. 17, 1927.
15 1/2" casing, 35'; 10", 311' 8"; 8 1/2", 1375' 9"; 6-5/8", 1832'.
See plat attached to original record for location.

*MIN-274
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11*

	Top.	Bottom.
Surface	0	10
Quicksand	10	20
Mud, blue	20	30
Sand, white, hard (hole full fresh water at 50')	30	87
Coal, Dingess	87	90
Blue mud	90	100
Slate and shells	100	140
Sand, white	140	170
Slate, white	170	197
Lime	197	207
Slate	207	240
Sand, white	240	255
Slate, white	255	270
Sand, white	270	305
Slate, black	305	385
Sand, white	385	440
Slate, black	440	470
Sand, white (water, 485')	470	497
Slate, black	497	519
Sand, white	519	560
Lime, black	560	570
Sand, white	570	640
Slate, white	640	655
Sand, white	655	685
Slate and shells	685	730
Sand, white	730	835
Slate	835	890
Lime	890	895
Slate and shells	895	945
Sand, white	945	960
Slate, black	960	965
Lime, black	965	975
Slate and shells	975	990
Salt Sand	990	1240
Slate, black	1240	1260
2nd Salt Sand	1260	1345
Slate and shells	1345	1370
Maxton Sand (Princeton) (water, 1510')	1370	1595
Slate and shells	1595	1650
Red rock	1650	1665
Slate and shells	1665	1700
Red rock	1700	1705
Lime	1705	1730
Slate	1730	1750
Black lime	1750	1792
Slate	1792	1797
Lime	1797	1825

COTIGA DEVELOPMENT CO. NO. 9 WELL. (Continued).

	Top.	Bottom.
Pencil Cave	1825	- 1830
Big Lime	1830	- 1975
Big Injun Sand, red	1975	- 2040
Slate and shells	2040	- 2215
Weir Sand, hard and close	2215	- 2270
Slate	2270	- 2580
Coffee Shale	2580	- 2600
Berea Sand	2600	- 2648
Slate and shells	2648	- 2671
Brown shale (gas show, 2671-2697')	2671	- 2750
Shale, gray	2750	- 3345
Brown shale	3345	- 3375
Gray shale	3375	- 3390
Brown shale	3390	- 3421
Gray shale	3421	- 3426
Brown shale	3426	- 3440
Lime, gray, very hard	3440	- 3450
Shale, brown, soft (Childress? Sand)	3450	- 3492
Total depth		3492