

BOREHOLE (LAND) NO. 4 (1475) WELL.

Harvey District, Mingo County, W.Va.
 By United Fuel Gas Co.
 On 130 acres; lease No. 34773; Map Square 26-27.
 Drilling commenced Nov. 24, 1924; completed, Jan. 22, 1925.
 Contractor: Thompson Brothers.
 Purchased from Old Colony Oil & Gas Co. by United Fuel Gas Co.
 Sept. 2, 1930.
 Elevation, 1060' L.
 10" casing, 22'; 8 1/4", 379'; 6 5/8", 1537'; 2" tubing, 1852'.
 Shut in in 2 in. tubing.
 Anchor packer, 2 x 6 5/8, set at 1685'.
 Making a little water at 187'.
 Show gas at 515'.
 Gas, 880', 2/10 W.
 Water, 1000', 4 bailers per hour.
 Set 6 5/8" casing at 1537' or 17' in Big Lime on combination lead and rubber packer.
 Little gas at 1660', in Big Lime; increased to about 100,000 cu. ft. at 1770' or 20' in Injun; increased to 600,000 cu. ft. from 182-1829'.
 Stopped drilling at 1875' - Took bit off stem and in breaking jars well caught fire and burned cable off and dropped tools to bottom.
 Well purchased Sept. 2, 1930.
 1st test, 48-hrs., R. P. 335# 4-28-31.
 Initial volume, 600 M. 1-22-25.
 Most recent R. P. 325# 3-30-36.
 No.....in Gas Report.

	Top.	Bottom.
Surface soil	0	25
Slate	25	50
Coal	50	52
Slate	52	75
Sand	75	130
Fire clay	130	145
Slate	145	160
Gritty lime	160	185
Coal	185	187
Muddy slate	187	235
Sand	235	300
Slate	300	310
Sand	310	350
Slate	350	410
Sand	410	480
Slate	480	490
Sand	490	575
Slate	575	620
Lime	620	630
Slate	630	655
Lime	655	667
Slate and shells	667	800
1st Salt Sand	800	1040
Slate and shells	1040	1135
Sand	1135	1155
Break - slate	1155	1157
Sand, Marton	1157	1260
Slate and shells	1260	1270

NEBERT (LAND) NO. 4 (4478) WELL (Continued).

	Top.	Bottom.
Gritty lime	1270	- 1290
Red rock	1290	- 1298
Lime	1298	- 1335
Sand	1335	- 1340
Lime	1340	- 1360
Red rock	1360	- 1395
Slate break	1395	- 1397
Gritty lime	1397	- 1425
Blue slate	1425	- 1445
Red rock	1445	- 1455
Slate	1455	- 1490
Little lime	1490	- 1518
Pencil Cave -	1518	- 1520
Big lime (SLM)	1520	- 1720
Pink rock	1720	- 1750
Big Injun Sand	1750	- 1775
Barker sand	1775	- 1825
Limy sand	1825	- 1860
Dark broken sand	1860	- 1875
Total depth		1875