

LATITUDE

39 4230

OS 20 08

0.935  
75' 100

LATITUDE

LONGITUDE

7'5 OGIS topo location

7.5' 100	<u>0.935</u>	15' 100	<u>3.585</u>
	<u>0.93W</u>	(calc.)	<u>3.15W</u>

Company \_\_\_\_\_

Farm \_\_\_\_\_

LOCATION MAP

Quad Osage Blacksville NE

County \_\_\_\_\_

District Cass

WELL LOCATION MAP

File No. Mon. 66

Cass District, Monongalia County, W. Va.  
 Carnegie Natural Gas Co., 962 Frick Bldg. Annex, Pittsburgh, Pa.  
 On 175 acres, surface and mineral rights owned by C. H. Brand,  
 Cassville, W. Va.

Drilled under permit Mon-66, issued March 18, 1935.  
 Elevation, 1450' B.

16" conductor, 17'; 10" casing, 727'; 8½", 1543'; 6-5/8", 1927'.

Coal was encountered at 312-317, 598-604, and 687-693'.

Completion reported to Dept. of Mines Oct. 23, 1935.

Well was shot at 2058-2062'.

Fresh water at 120 and 135'; salt water at 1547-1550'.

Gas well.

	Top.	Bottom.
Waynesburg Coal	312	- 317
Mapletown Coal	598	- 604
Pittsburgh Coal	687	- 693
Big Dunkard Sand	1225	- 1255
Gas Sand	1400	- 1445
1st Salt Sand	1473	- 1495
2nd Salt Sand (water, 1547-1550')	1538	- 1720
Maxton Sand	1765	- 1780
Little Lime	1871	- 1882
Pencil Cave	1882	- 1889
Big Lime	1889	- 1986
Big Injun Sand (gas, 2058-2062')	1986	- 2120
Gantz Sand	2532	- 2571
50-Ft. Sand	2583	- 2632
30-Ft. Sand	2708	- 2725
Gordon Stray Sand	2737	- 2748
Gordon Sand	2936	- 2956
4th Sand	2986	- 3008
5th Sand to bottom of Elizabeth (no breaks)	3040	- 3120
Total depth		3295