

LATITUDE 395230

03 08

→ 6GIS
7.5' loc

LONGITUDE

LONGITUDE

7.5 OGIS topo location

7.5' loc	<u>0.63S</u>	15' loc	<u>3.51S</u>
	<u>1.15W</u>	(calc.)	<u>1.15W</u>

Company	_____
Farm	_____
LOCATION	topo elev. 1330' elev from 7.5' topo map 2/7/2003
Quad	Cameron ±15' EC
County	_____
District	Cameron

WELL LOCATION MAP
File No. Marshall 29

Cameron District, Marshall County, W. Va.
 Manufacturers Light & Heat Co., 800 Union Tr. Bldg., Pittsburgh, Pa.
 On 48 acres, surface owned by Wm. & A. Archer, RD 3, Cameron, W. Va.,
 and mineral rights by WIAH Co., Pittsburgh, Pa.

Drilled under permit Mars-29, issued Nov. 12, 1930.
 No elevation given.

13" conductor, 16'; 10" casing, 200'; 8 1/2", 1152'; 6-5/8", 1908' 10";
 1/2" tubing, 2950' 6".

6-5/8 x 4 packer set at 2567'.

Coal was encountered at 495-499, 685-692, 777-784, and 1320-1322'.

Completion reported to Dept. of Mines March 11, 1931.

Well was not shot.

Fresh water at 495 and 777'.

Gas well.

	Top.	Bottom.
Clay, soft	0	14
Sand, white, soft	14	30
Shale, dark, soft	30	80
Red rock, soft	80	130
Shale, dark, soft	130	208
Red rock, soft	208	240
Lime and sand, white, hard	240	320
Slate, dark, soft	320	490
Sand, light, hard	490	495
Waynesburg Coal, dark, soft (water, 495')	495	499
Lime, light, hard	499	685
Mapletown Coal, dark, soft	685	692
Lime, light, hard	692	755
Slate, dark, soft	755	777
Pittsburgh Coal, dark, soft (water, 777')	777	784
Lime, light, hard	784	810
Slate, dark, soft	810	835
Red rock, soft	835	860
Slate, dark, soft	860	880
Red rock, soft	880	890
Shale, dark, soft	890	920
Shell lime, light, soft	920	925
Shale, dark, soft	925	980
Shells, light, hard	980	998
Shale, dark, soft	998	1080
Lime, light, medium	1080	1110
Shale, dark, soft	1110	1155
Little Dunkard Sand, light, hard	1155	1167
Shale, dark, soft	1167	1177
Pink rock, medium	1177	1185
Sand, light, hard	1185	1220
Slate, dark, soft	1220	1260
Big Dunkard Sand, light, hard (gas)	1260	1315
Slate, dark, soft	1315	1320
Coal, dark, soft	1320	1322
Lime, light, hard	1322	1330
Slate, dark, soft	1330	1335
Sand, white, medium	1335	1370
Slate, white, soft	1370	1373
Freeport Coal, dark, soft	1373	1379
Lime, light, hard	1379	1400
Slate, gray, medium	1400	1460

Mars-29

	Top.	Bottom.
✓ Gas Sand, light, hard (gas)	1460	- 1500
Slate, dark, soft	1500	- 1525
Lime, light, hard	1525	- 1535
Slate, dark, soft	1535	- 1540
Lime, light, medium	1540	- 1570
Sand, light, medium	1570	- 1580
Slate, dark, soft	1580	- 1655
Lime, light, hard	1655	- 1665
Slate, dark, soft	1665	- 1710
Sand, light, hard	1710	- 1725
Slate, dark, soft	1725	- 1755
Sand, light, hard	1755	- 1828
Slate, dark, soft	1828	- 1844
✓ Maxton Sand, light, hard	1844	- 1856
Slate, dark, soft	1856	- 1866
Sand, light, hard	1866	- 1871
✓ Big Lime, light, hard	1871	- 1920
✓ Big Injun Sand, light, hard	1920	- 2165
Slate, dark, soft	2165	- 2175
Lime, light, hard	2175	- 2195
Slate, dark, soft	2195	- 2260
Lime, light, hard	2260	- 2300
Slate, dark, soft	2300	- 2310
Lime, dark, soft	2310	- 2400
Slate, light, soft	2400	- 2450
Slate, dark, medium	2450	- 2500
Sand, dark, hard	2500	- 2522
Slate, dark, soft	2522	- 2552
Lime, light, hard	2552	- 2575
Slate, dark, soft	2575	- 2615
Pink rock, soft	2615	- 2617
Slate, dark, soft	2617	- 2695
✓ 30-ft. Sand, light, hard (gas)	2695	- 2730
Slate, dark, soft	2730	- 2766
✓ Gordon Sand, light, hard	2766	- 2805
Slate, dark, soft	2805	- 2822
✓ 4th Sand, light, hard (gas)	2822	- 2835
Slate, dark, soft	2835	- 2865
Lime shells, light, hard	2865	- 2880
Slate, dark, soft	2880	- 2895
✓ 5th Sand, light, hard	2895	- 2897
Slate, dark, soft, to bottom	2897	- 2925