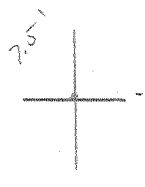


LATITUDE (75°15') 38°30'

(75°15') 81°30'

LONGITUDE



7'5 OGIS topo location

7.5' LOC	<u>1.705</u>	15' LOC	<u>1.705</u>
	<u>1.754</u>	(calc.)	<u>1.754</u>

Company United Carbon

Farm Forest Copenhagen 1 (686)

NE

Quad Big Chimney 75' / Charleston 15' (3)

County Kanawha

District EIR

WELL LOCATION MAP

File No. 039.291

Kanawha

Gas

DEEP WELL 6-6 Elk-Poca (Sissonville) (192)

WEST VIRGINIA DEPARTMENT OF MINES

OIL & GAS DIVISION

WELL RECORD

XVI

Permit No. Kan-291

Gas Well

Charleston Quad.

Company United Carbon Co.
 Address Union Bldg. Charleston
 Farm Forest Copenhaver - Acres 58
 Location Little Sandy, Elk River
 Well No. 1 - 686 - Elev. 881'
 District Elk - County Kanawha
 Surface Forest Copenhaver
 Address Elkview, W. Va.
 Mineral Forest Copenhaver, et al
 Address Elkview, W. Va.
 Drilling Commenced Oct. 26, 1936
 Completed Feb. 14, 1937
 Shot -
 Open Flow 13/10ths Merc. in 6-5/8"
 Volume 5,669,000 c.f.
 Rock Pres. 1445 Lbs.
 Water Salt Water 1095

CASING RECORD

Size	Used	Left in W.
10"	398	398
8-1/4"	1787	1787
6-5/8"	4920	4920
2"	5041	5041

CASING CEMENTED

Size	Feet	Date
6-5/8"	306	1-30-37
8-1/4"	160	12-8-36

ABD
 1,122 530
 1,76 W. 30

Formation Color's ^{Hor} Top Base Result				Formation Color's ^{Hor} Top Base Result			
Soil		0	14				
Red Rock		14	25				
Sand		25	60				
Red Rock		60	80				
Slate & Shells		80	250				
Sand		250	275				
Slate & Shells		275	320				
Sand		320	363				
Slate & Shells		363	510				
Sand		510	549				
Slate & Shells		549	630				
Sand		630	685				
Slate & Shells		685	746				
Sand		746	800				
Slate		800	820				
Sand		820	850				
Slate		850	880				
Sand		880	950				
Slate		950	965				
Sand		965	990				
Slate		990	995				
Red Rock		995	1002				
Slate Sand		1002	1489				
Slate		1489	1492				
Lime	Black	1492	1515				
Slate		1515	1523				
Little Lime		1523	1570				
Pencil Cave		1570	1572				
Big Lime		1572	1738				
Injun sand		1738	1744				
Slate		1744	1780				
Broken Lime		1780	1848				
Slate		1848	2050				
Lime		2050	2075			G-2060	
Slate & Shells		2075	2150				
Lime		2150	2160			G-2155	
Slate & Shells		2160	3365				
Shale	Brown	3365	3390				
Slate & Shells		3390	3850				
Shale	Brown	3850	3950				
Shale	Gray	3950	4535				
Shale	Brown	4535	4800				
Shale	Gray	4800	4850				
Shale	Brown	4850	4863				
Shale	Black	4863	4898				
Corniferous Lime		4898	5018				
Oriskany		5018	5041			Gas 5030 - Small Show	
Total Depth			5041			" 5034-5040 - Gas Pay	

1738
 1572
 166

1738
 881
 857