



Company COLUMBIAN CARBON CO.

Address BOX 1240-CHARLESTON-W. VA.

Farm F. F. STARCHER ET AL
C-1231-1285-1473

Tract _____ Acres 2.96 Lease No. 1494-1572

Well (Farm) No. ONE Serial No. _____

Elevation (Spirit Level) 984.5

Quadrangle RIPLEY S.W. (5; C)

County JACKSON District RAVENSWOOD

Engineer J. M. Bell

Engineer's Registration No. 772

File No. _____ Drawing No. _____

Date SEPT. 17, 1940 Scale 1" = 660'

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP
FILE NO. JAC-101

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500. latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

10-10-192

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
WELL RECORD

Permit No. Jac-101
Ripley Quad.

Gas Well

Company Columbian Carbon Co.
Address Box 1240, Charleston, W. Va.
Farm F. F. Starcher, et al ACRES 296
Location Trace Fork
Well No. 1 (GW-466) ELEV. 989.1 DF
District Ravenswood - Jackson County
Surface & Mineral C. A. Jewell, R2, Ripley, W. Va.
Commenced Oct. 5, 1940
Completed Feb. 5, 1941
Shot 2/6/41 - depth 5316 SLM 5348 SLM
Volume 16,696,000 c.f.
Rock Pressure 1810 lbs. 6 days
Fresh Water 130 1/2- 16" blr. per hr.
 829 2 - 16" blr. per hr.
Salt Water 1626 5 -10" blr. per hr.

CASING & TUBING

16	60-0	60-0
13-3/8	1006-5	748-11
10-3/4	1335-4	pulled
8-5/8	2388-7	2388-7
7	5262-10	5262-10

CEMENT RECORD: 10/20/40 -
Aquagelled 13-3/8 casing
with 15 sacks Aquagel 4%
mixture. Ran plug on top
Aquagel. L. C. Miller,
Cementer, Halliburton.

10/27/40 - Aquagelled 10"
csg. with 25 sacks Aquagel -
got 10 bbls. of circulation
to the surface. Aquagel
free from cavings. L. C.
Miller, Cementer. Halli-
burton Oil Well Cem. Co.

1/11/41 Cemented 7" csg.
Ran 13 sacks of Alpha ce-
ment mixed and dumped in
with dump bailer. Pipe rais-
ed 50' and lowered back in
cement. No cavings in hole.
45' of solid cement in hole.
Cemented by Columbian Carbon.

Red Rock	0	30	
Slate	30	51	
Red Rock	51	58	
Slate	58	116	
Red Rock	116	135	FW 130
Slate	135	150	
Red Rock	150	248	
Slate	248	273	
Red Rock	273	290	
Slate	290	356	
Red Rock	356	363	
Slate	363	402	
Red Rock	402	478	
Slate	478	508	
Red Rock	508	526	
Limy Shale	526	547	
Red Rock	547	569	
Slate	569	575	
Sand	575	601	
Slate	601	614	
Lime, hard	614	620	
Slate&Shells	620	644	
Red Rock	644	662	
Lime	662	685	
Red Rock	685	796	
Pgh. Sand	796	861	FW 829
Slate	861	890	
Red Rock	890	896	
Slate	896	993	
Slate&Shells	993	1014	
Red Rock	1014	1043	
Lime	1043	1077	
Slate	1077	1091	
Red Rock	1091	1102	
Slate	1102	1107	
Red Rock	1107	1113	
Sand	1113	1140	
Slate	1140	1191	
Coal	1191	1195	
Sand	1195	1210	
Slate	1210	1246	
Red Rock	1246	1262	
Sand	1262	1270	
Slate Shells	1270	1326	SLM
Slate	SLM 1326	1389	

(CONTINUED TO PAGE #2)

Permit No. Jac-101

Company Columbian Carbon Co.
 Farm F. F. Starcher
 Acres 296
 Well No. 1 (GW-466)

Sand	1389	1399	
Slate	1399	1418	
Sand	1418	1428	
Slate	1428	1473	
Slate & Shells	1473	1548	
Sand	1548	1555	
Slate	1555	1565	
Sand	1565	1615	
Slate	1615	1621	SW 1626 - 5- 10" Blr.Hr.
Sand	1621	1673	
Slate	1673	1707	
Sand	1707	1725	
Slate	1725	1776	
Sand	1776	1799	
Slate&Sand Shells	1799	1832	
Slate	1832	1935	
- 1st Salt Sand	1935	1941	
Slate	1941	1950	
- 2nd Salt Sand	1950	2034	SW 2020 - Hole full
Slate	2034	2036	
Sand	2036	2041	Gas 2245-55 - show
Lime	2041	2050	Gas 2665 - show
Sand	2050	2054	
Lime	2054	2065	
Sand	2065	2075	
- Big Lime	2075	2202	
- Keener Sand	2202	2228	
Slate	2228	2240	
- Big Injun Sand	2240	2304	
Slate & Shells	2304	2474	
Slate, gray	2474	2642	
✓ Slate, black	2642	2664	
- Berea Grit	2664	2718	
Slate&Shells	2718	3300	
Slate	3300	3476	
Shale, gray	3476	3530	
Slate&Shells	3530	3895	
Shale, brown	3895	3955	
Slate&Shells	3955	4168	
Shale, brown	4168	4284	
Slate	4284	4345	
Shale, brown	4345	4477	
Slate&Shells	4477	4578	
Slate	4578	4695	
Slate&Shale	4695	4962	
Shale, brown	4962	5198	SLM
✓ Corniferous Lime	SLM 5198	5316	SLM
✓ Oriskany Sand	SLM 5316	5383	
- Lime, break	5383	5397	
Sand	5397	5409	
Lime	5409	5424	SLM
Total Depth		5424	SLM

PAYS: 5317-20; 5330-36; 5343-44; 5360-62

AGS