



Company United Carbon Co.
 Address Charleston, W. Va.
 Farm Melvin L. Casto et al
 Tract _____ Acres 131 Lease No. 2453
 Well (Farm) No. 1 Serial No. 1101
 Elevation (Spirit Level) 775
 Quadrangle Kenna - NW
 County Jackson District Ripley
 Engineer C. Withrow
 Engineer's Registration No. _____
 File No. _____ Drawing No. _____
 Date Nov. 3, 1942 Scale 1" = 660'

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

WELL LOCATION MAP
 FILE NO. JAC-418

+ 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.

6-6-1942 Deep Well

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
W E L L R E C O R D

Permit No. Jac 418

Gas Well
CASING & TUBING

Kenna Quad.				
Company	United Carbon Co.			
Address	Box 1913, Charleston, W. Va.	16	16	16
Farm	M.L. Casto et al Acres 131	13 3/8	625'	0
Location	Shamblen Branch	10 3/4	930	0
Well No	1 Elev. 775'	8 5/8	2104	2104
District	Ripley Jackson County	7	4935	4935
Surface	M.L. Casto et al, Fairplain, W. Va.			
Mineral	Same			Casing cemented 8 5/8
Commenced	Dec. 5, 1942			528'; 7" 205'
Completed	March 1, 1943			
Date shot	March 2, 1943			Depth 5029 to 5053
Open flow	33/10ths W in 7" 24#			
Volume	2,431,000 G.F.			
Rock Pressure	1410 lbs. 24 hrs.			
Fresh Water	540'			
Salt Water	1610' H.F.			

Red Rock	16	50
Slate	50	85
Red Rock	85	110
Slate & Shells	110	220
Red Rock	220	232
Slate	232	275
Red Rock	275	300
Slate	300	315
Red Rock	315	418
Slate	418	535
Sand - 180 Pits. Sand?	535	560
Red Rock	560	640
Sand	640	679
Red Rock	679	696
Slate & Shells	696	800
Red Rock	800	845
Sand - Little Dunk?	845	860
Slate & Shells	860	945
Sand - Little Dunk????	945	955
Slate & Shells	955	1005
✓ Sand Dunkard - Big	1005	1100
Slate	1100	1120
Sand	1120	1140
Slate & Shells	1140	1204
Sand	1204	1430
Slate & Shells	1430	1576
✓ Salt Sand	1576	1900
✓ Lime Sandy - Big line	1900	1960
✓ Injun Sand	1960	2110
Slate & Shells	2110	2415
✓ Shale Brown - Coffee Sh.	2415	2425
Berea Shells	2425	2439
Lime	2439	2800
Slate & Shells	2800	3635
✓ Shale Brown - 441	3635	3710
Slate & Shells	3710	3900
Shale Brown	3900	4190
Slate	4190	4635
Shale Brown	4635	4860
✓ Shale Black - MACSULLS	4860	4921
✓ Corniferous Lime	4921	5020
✓ Criskany Sand	5020	5058
✓ Lime - Held.	5058	
TOTAL DEPTH		5064

TEST BEFORE SHOT:

5031'	20/10 W 2"	189 MCF
5037'	40/10 W "	267 MCF
5039'	100/10 W "	421 MCF
5040'	2/10 W 7" 22#	610 MCF
5050'	100/10 W 2"	421 MCF
5051'	2/10 W 7" 22#	610 MCF
	90/10 W 2"	400 MCF

RECORD OF SHOT:

Shot 3-2-43 with 80 qts. Glycerine from 5029' to 5053' with 3 1/2" shells on 11' anchor.

TEST AFTER SHOT:

First 10 Mins.	40/10 W 7" 24#	2,676 MCF
" 15 "	35/10 W 7" "	2,503 MCF
" 20 "	32/10 W 7" "	2,394 MCF
" 25 "	30/10 W 7" "	2,317 MCF
" 30 "	30/10 W 7" "	2,317 MCF
" 35 "	36/10 W 7" "	2,538 MCF
" 40 "	36/10 W 7" "	2,538 MCF
" 45 "	35/10 W 7" "	2,503 MCF
" 50 "	33/10 W 7" "	2,431 MCF
" 55 "	33/10 W 7" "	2,431 MCF
" 50 "	33/10 W 7" "	2,431 MCF

Show gas 2430'

Gas 5029 Show no test

485

RECEIVED