



New Location
 Drill Deeper
 Abandonment

LOC. 0.7 M. S.W. ZION CHURCH

Company COLUMBIAN CARBON CO.
 Address BOX 1240 CHARLESTON W.VA.
 Farm F. M. WINTER ET AL
 Tract _____ Acres 151.8 Lease No. WU-60
 Well (Farm) No. ONE Serial No. _____
 Elevation (Spirit Level) 762.6 762.2
 Quadrangle RIPLEY S.E. -8-SC
 County JACKSON District WASHINGTON
 Engineer J. M. Bell
 Engineer's Registration No. 772
 File No. _____ Drawing No. 390
 Date 12-16-41 Scale 1" = 660'

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

WELL LOCATION MAP
 FILE NO. JAC-281

+ 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.

M
Date received from

on May 25, 1942

A.H. McClain, Geol.
United Fuel Gas Company
Charleston, W. Va.

Re: F.M. Winter's well
Columbian Carbon Co.,
No. 642
Washington Dist.
Jackson County
Located 1 mile northeast of Staats Mills.

Elevation of well ~~766.2~~
Corniferous lime 5019-5139
Oriskany sand 5139-5219
Total depth 5233
Salt water encountered at 5166' 1 bailer per hr.
No shows of gas or oil in Oriskany sand

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

Permit No. Jac-281
Company
Address
Farm
Location
Well No
District
Surface
Mineral
Commenced
Completed
Not Shot
Volume
Fresh Water
Salt Water

Columbian Carbon Co.
Box 1240, Charleston, W. Va.
F.M. Winter et al Acres 151.8
Grass Run
1 (GW-642) Elev. 766.2DF
Washington Jackson County

2-10-42
5-19-42

Dry thru Orisk. (Will try to produce from the Shale.)
CASING & TUBING
16" 26'5 26'5
13 3/8 726'1 Pulled
10 1/2 1148'5 Pulled
8 5/8 2078'7 2078'7
7 5058'3 5058'3
(Will pull 7")

Dry thru Oriskany
200' 1/2-15" Dlr. hr.; 540' 1-15" Dlr. hr.;
1085' 2-10" Dlr. hr.; 1230' 10-10" Dlr. hr.;
1602' 4-10" Dlr. /hr.; 1620' Hole Full
5166' 1 1/2-6" blrs. pr. hr. (exhausted to 1/2-6" blr. pr. hr.)

See below for Cement record.

Red Rock	0	52	Slate (P. Cave?)	1791	1793
Sand	52	65	Big Lime	1793	1884
Red Rock	65	115	Sand - Injun	1884	2010
Sand	115	235	Slate & Shells	2010	2070
Red Rock	235	240	Squaw Sand	2070	2130
Gritty Lime	240	310	Blue Slate	2130	2379
White Slate	310	340	Brown Shale	2379	2392
Red Rock	340	360	Berea Sand	2392	2406
Lime	360	380	Gray Slate	2406	3640
Red Rock	380	425	Brown Shale - 441	3640	3685
White Slate	425	480	Slate & Shells	3685	3920
Red Rock	480	500	Brown Shale	3920	3960
White Slate	500	540	Gray Slate	3960	3975
Sand	540	565	Brown Shale	3975	3990
White Slate	565	575	Gray Slate	3990	4030
Sand	575	650	Brown Shale	4030	4090
Red Rock	650	655	Gray Slate	4090	4120
Sand	655	670	Brown Shale	4120	4215
Red Rock	670	690	Gray Slate	4215	4230
White Slate	690	700	Brown Shale?	4230	4715
White Mud	700	720	Dark Shale	4715	4745
Red Rock	720	745	Brown Shale	4745	4820
Lime	745	750	Gray Slate	4820	4855
Slate	750	825	Brown Shale	4855	4920
Sand	825	835	Gray Shale	4920	4938
Slate & Shells	835	855	Brown Shale	4938	5019
Red Rock	855	870	Corniferous Lime - 463	5019	5139 SLM
Brown Shale	870	890	Oriskany Sand	5139 SLM	5186
Slate & Shells	890	900	Lime Break	5186	5198
Red Rock	900	925	Oriskany Sand	5198	5219
Slate & Shells	925	990	Lime	5219	5233
Sand	990	1018	TOTAL DEPTH (485)		5233
White Slate	1018	1040	Fill solid from 5233 to 5119 - will probably produce well from the Shale.		
Sand	1040	1115			
White Slate	1115	1142			
Sandy Lime	1142	1205	Show Gas 1920 and 2080'		
Black Slate	1205	1210	Show Gas 2400-06		
Blue Slate	1210	1225	Gas 3220-30,300 M Est.		
Sand	1225	1242	CEMENT RECORD:		
Slate	1242	1257	2-21-42 Aquagelled 13 3/8" casing.		
White Slate	1257	1272	Ran 20 sacks aquagel.		
Dark Slate	1272	1285	2-27-42 Aquagelled 10 1/2" casing. Ran 18		
Sand	1285	1295	sacks aquagel mixed with 1 sack		
Slate & Shells	1295	1335	Fibrotex.		
Sand	1335	1375	3-21-42 Cemented 8 5/8" casing. Ran		
Slate & Shells	1375	1408	135 sacks cement mixed with 2 sacks		
Sand	1408	1440	aquagel. Ran 10 sacks aquagel ahead		
Slate & Shells	1440	1565	of cement. 8' cement in pipe.		
Sand	1565	1580	5-1-42 Cemented 7" casing. Ran 12 sacks		
Slate & Shells	1580	1600	Alpha cement with dump bailer. 50'		
Sand	1600	1780	cement in hole.		
Broken Sand	1780	1791			

Shot 3175-3275 5019
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