



Company COLUMBIAN CARBON CO.
 Address BOX 1240 CHARLESTON W.VA.
 Farm JACKSON COUNTY BANK ET AL
 Tract _____ Acres 237 Lease No. CT-67
 Well (Farm) No. ONE Serial No. _____
 Elevation (Spirit Level) 751.7
 Quadrangle RIPLEY NE NC-2
 County JACKSON District RAVENSWOOD
 Engineer J. M. O'Neil
 Engineer's Registration No. 772
 File No. _____ Drawing No. 222 B
 Date OCT. 31, 1941 Scale 1" = 660'

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

WELL LOCATION MAP
 FILE NO. JAC-234

+ 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.

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

Permit No. JAC-23-1
 Company Columbian Carbon Company
 Address Box 1240, Charleston, W. Va.
 Farm Jackson County Bank Acres 237
 Location Sarvis Fork of Big Sand Creek
 Well No. 1-A (GL-628) Elev. 754.6 DF
 District Ravenswood Jackson County
 Commenced 2-4-42
 Completed 4-22-42
 Shot 4-23-42 from 5092' SLM to 5132' SLM with
 400# 80% Gelatin
 Volume 1,057 M.C.F.
 Rock Pressure 700 lbs. 1 Hr.
 Fresh water 620' 4-16" Blrs./Hr; 670' 6-16" Blrs./Hr;
 1183' 1-13" Blr./Hr
 Salt water 1237' 2-10" Blrs./Hr; 1244' H.F.; 1380' H.F.

Gas Well
 Casing & Tubing
 16" 42' 6" 42' 6"
 13 3/8" 703' 1" Pulled
 10 3/4" 1214' 3" Pulled
 8 5/8" 2126' 7" 2126' 7"
 7" 5025' 7" 5025' 7"
 2 3/8" 5190' 3" 5190' 8"
 3 1/2" 93' 2" 93' 9"

Yellow Clay	0	10	Lime	1335	1375		
Red Rock	10	20	Sand	1375	1380		
Bl. Slate	20	50	Slate	1380	1420		
Red Rock	50	65	Sand	1420	1425		
Bl. Slate	65	80	Slate	1425	1535		
Red Rock	80	157	Sand	1535	1560		
Slate	157	165	Slate	1560	1600		
Red Rock	165	170	Lime	1600	1614		
Slate	170	185	Slate	1614	1765		
Red Rock	185	260	Sand	1765	1819		
Gray Sand	260	280	Coal	1819	1821		
Red Rock	280	295	Slate	1821	1840		
Slate	295	373	Big Lime	1840	1975		
Sand	373	390	Big Injun Sand	1975	2030		
Slate	390	405	Dark Slate	2030	2040		
Red Rock	405	415	Bk. Lime	2040	2068		
Bl. Slate	415	425	Sand	2068	2083		
Red Rock	425	426	Lime	2083	2105		
Bl. Slate	440	460	Sl. & Sh.	2105	2420		
Red Rock	460	470	Br. Shale	2420	2440		
Lime	470	485	Berea Sand	2440	2458		
Slate	485	500	Sl. & Sh.	2458	2535		
Red Rock	500	525	Bl. Lime	2535	2570		
Bl. Slate	525	560	Sl. & Sh.	2570	2690		
Red Rock	560	610	Gray Shale	2690	3065		
Bl. Slate	615	657	Dark Shale	3065	3100		
Lime	657	665	Gray "	3100	3450		
Sand	665	691	Bl. Slate	3450	3580		
Slate	691	705	Sl. & Sh.	3580	3700		
Lime Shells	705	715	Br. Shale	3700	3767	Gas	3735 Show
Bl. Slate	715	790	Slate	3767	3955		
Red Rock	790	800	Br. Shale	3955	4080	Gas	4013 Show
Slate	800	870	Gray Slate	4080	4100		
Red Rock	870	900	Br. Shale	4100	4236		
Sl. & Sh.	900	935	Wh. Slate	4236	4268		
Red Rock	935	960	Br. Shale	4268	4290		
Sl. & Sh.	960	1067	Wh. Slate	4290	4405		
Sand	1067	1080	Br. Shale	4405	4433		
Bl. Slate	1080	1085	Gray Slate	4433	4691		
Pink Rock	1085	1100	Br. Shale	4691	4970		
Sl. & Sh.	1100	1146	Bk. Shale	4970	4977	SLM	
Sand	1146	1250	Comif. Lime	4977	5092	SLM	
Slate	1250	1255	Orisk. Sand	5092	5155		
Lime	1255	1265	Bk. Lime	5155	5168		
Sand	1265	1285	Sand	5168	5178		
Slate	1285	1335	Lime	5178	5182	SLM	
TOTAL DEPTH				5182	5182	SLM	PAYS: 5092-5101; 5111-15

CEMENT RECORD:

- 2-13-42 Aquagelled 13-3/8" casing. Ran 15 sacks aquagel & 1 sack Fibrotex.
 2-20-42 Aquagelled 10 3/4" casing. Ran 20 sacks aquagel with 1 sack Fibrotex.
 3-12-42 Cemented 8 5/8" casing. Ran 90 sacks Superior cement & 1 sack aquagel.
 120' cement in hole.
 4-11-42 Cemented 7" casing. Ran 12 sacks Superior cement in dump bailer. 60'
 cement in hole.

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