



New Location

Drill Deeper

Abandonment

7 NE (H-4) 163 50K
0.44

Company	COLUMBIAN CARBON COMPANY
Address	Box 873 CHARLESTON, W. VA.
Farm	R. R. HYRE ET AL PART OF 1167 AC
Tract	Acres 375 Lease No. C-5283
Well (Farm) No.	1 Serial No. GW-1922
Elevation (Spirit Level)	605.59'
Quadrangle	RAVENSWOOD - SE J163 W044
County	JACKSON District RIPLEY
Engineer	L. B. Anderson
Engineer's Registration No.	2074
File No.	Drawing No. H-7-60
Date	30 MAR 1960 Scale 1"=600

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

WELL LOCATION MAP
FILE NO. JAC-1008

+ 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.

Sampler 5-0 (192) Deep Well



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Ravenswood SW

Permit No. Jac-1008

WELL RECORD

Oil or Gas Well dry
(KIND)

Company Columbian Carbon Company
Address Box 873, Charleston 23, W. Va.
Farm R. R. Hyre, et al Acres 375

Location (waters) Parchment Creek
Well No. 1 - GW-1322 Elev. 605.59'G
District Ripley County Jackson

The surface of tract is owned in fee by R. R. Hyre, et al
202 Court St. Address Ripley, W. Va.

Mineral rights are owned by R. R. Hyre, et al
(for further add. contact C. C. C.)

Drilling commenced 5-18-60
Drilling completed 7-25-60

Date Shot not shot From _____ To _____

With _____

Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch

Volume _____ Cu. Ft.

Rock Pressure _____ lbs. _____ hrs.

Oil _____ bbls., 1st 24 hrs.

WELL ACIDIZED not acidized

WELL FRACTURED see reverse side

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			
13 3/8" 48#	84'	pulled	Kind of Packer none
10 3/4" 32#	471'	pulled	Size of _____
8 1/2" 24#	1028'	pulled	Depth set _____
5 7/8" 23#	1992'7"	pulled	
5 3/16" 15#	4671'7"	131'6"	
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
see reverse side

COAL WAS ENCOUNTERED AT none FEET _____ INCHES _____
FEET _____ INCHES FEET _____ INCHES
FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT show of gas and salt water

ROCK PRESSURE AFTER TREATMENT

Fresh Water 55' Feet _____ Salt Water 1300' 1634' 1837' Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red Rock			0	85	F. water	55'	2-13"blr/hr.
Blue Rock			85	105			
Red Rock			105	115			
Slate			115	135			
Sand			135	180			
Slate			180	230			
Sand			230	249			
Red Rock			249	298			
Blue Shale			298	320			
Red Rock			320	340			
Slate			340	375			
Red Rock			375	384			
Slate			384	402			
Sand			402	434			
Slate			434	474			
Lime			474	484			
Slate			484	573			
Sand			573	584			
Red Shale			584	625			
Blue Shale			625	713			
Sand			713	724			
Blue Shale			724	820			
Red Rock			820	840			
Slate			840	849			
Red Rock			849	864			
Blue Shale			864	1020			
Sand			1020	1070			
						1020'DLM=1020'SLM	

(over)

Formation	Color	Hard or Soft	Top 15	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate			1070	1117			
Lime			1117	1136			
Sand			1136	1198			
Slate			1198	1225			
Sand			1225	1250			
Slate			1250	1255			
Sand			1255	1350	S. water	1300'	
Slate and Shells			1350	1374			
Lime			1374	1398			
Slate			1398	1485			
Black Lime			1485	1500			
Slate and Shells			1500	1609			
Salt Sand			1609	1651	S. water	1634'	hole full
Lime			1651	1665			
Big Lime			1665	1798			
Slate break			1798	1799			
Big Injun Sand			1799	1860	S. water	1837'	
Slate break			1860	1862			
Gray Sand - Squaw R Well			1862	1948			
Lime			1948	2011	1956'DLM=1977'SLM		
Slate and Shells			2011	2274			
Brown Shale - Coffee Sh.			2274	2295			
Shale and Shells			2295	3510	Gas	3400'	show
Brown Shale - 441			3510	3560			
Slate and Shells			3560	3755			
Brown Shale			3755	3850			
Slate and Shells			3850	3880	Gas	3874'	show
Brown Shale			3880	3970			
Slate and Shells			3970	4394			
Brown Shale			4394	4591			
Corniferous Lime - 413			4591	4725	4640'DLM=4657'SLM		
Oriskany Sand			4725	4757			
Lime - Helderberg			4757	4788			
Total depth-----				4788'			
Plugged back-----				4705'	see note below		
Casing Record				485			
5-23-60 Ran 10-3/4" casing with shoe 463'DLM=468'SLM-8 sacks Aquagel. Circulation & returns.							
5-29-60 Ran 8s-5/8" casing with shoe 1020'DLM=1020'SLM--8 sacks Aquagel							
6-11-60 Ran 7" casing with shoe 1956'DLM=1977'SLM-14 sacks Aquagel-no returns.							
7-15-60 Ran 5-1/2" casing 4640'DLM=4657'SLM-cemented with 10 sacks.							
FRACTURING RECORD							
Fractured the Oriskany Sand 7-28-60. Breakdown pressure 3700#. Pumped in 500 gallons acid at 2900# pressure. Started sand 1/4#/gallon-increased to 1#/gallon with 1/4# increases. Pumped in at 2900-3000#. Pressure started going up-cut off sand and displaced with 10 bbls. Used 540 barrels water and 12,000# sand.							
11-15-60. Killed well with 9# mud. Cemented from 4788' to 4680' - drilled out to 4705' and dried up hole on 11-21-60. Gas gauging 15M-making salt water.							
Plugged and abandoned 12-8-60.							

Date December 16, 19 60

APPROVED Columbian Carbon Company, Owner

By W. S. Moore, Mgr. of Prod.
(Title)