

SURVEY - JAN. 13, 1959 - W.S. GRAVELY - N.B. No. 85 PAGE 64

Company	COMMONWEALTH GAS CORPORATION		
Address	P.O. BOX 1433 CHARLESTON, W. VA.		
Farm	SAM DOCK M ^c GEE		
Tract	Acres	124	Lease No. 1935
Well (Farm) No.	1	Serial No.	651
Elevation (Spirit Level)	661.22'		
Quadrangle	LOUISA-N.E.-NE		
County	WAYNE	District	BUTLER
Engineer	J.E. BILLINGSLEY		
Engineer's Registration No.	757		
File No.	Drawing No.		
Date	JAN. 15, 1959	Scale	1" = 660'

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

WELL LOCATION MAP
FILE NO. WAY-1165

+ 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.

Deep Well



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 14

Quadrangle Louisa N. E.

Permit No. Wayne-1165

WELL RECORD

Oil or Gas Well Dry
(KIND)

Company Commonwealth Gas Corporation
Address P. O. Box 1433, Charleston 25, W. Va.
Farm Sam Dock McGee Acres 124
Location (waters) Black Fork of Gragston Creek
Well No. 651 Elev. 661.22
District Butler County Wayne
The surface of tract is owned in fee by Sam Dock McGee
Route #2 Address Prichard, W. Va.
Mineral rights are owned by Same
Address Same
Drilling commenced January 28, 1959
Drilling completed April 27, 1959
Date Shot 4/29/59 From 2200 To 2650
With 3000 lbs. of gelatin
Open Flow /10ths Water in Inch
/10ths Merc. in Inch
Volume 15,000 Cu. Ft.
Rock Pressure lbs. hrs.
Oil bbls., 1st 24 hrs.
WELL ACIDIZED
WELL FRACTURED

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			None
18			Size of
10	21' 5"	21' 5"	Depth set
8 1/4	229'	229'	Perf. top
6 3/4	1445'	1445'	Perf. bottom
5 3/16			Perf. top
3			Perf. bottom
2			
Liners Used			

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

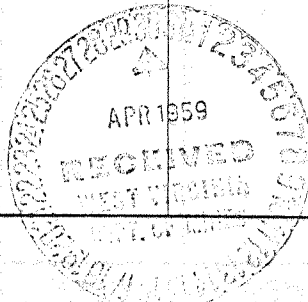
RESULT AFTER TREATMENT

ROCK PRESSURE AFTER TREATMENT

Fresh Water 60 Feet Salt Water 795 Feet 3078

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface			0	15			
Slate			15	114	Water	60	Hole full
Sand			114	155			
Slate			155	200			
Sand			200	228			
Slate			228	278			
Sand			278	305			
Slate			305	490			
Sand			490	525			
Slate			525	635			
Sand			635	725			
Slate			725	780			
SALT SAND			780	882	Water	795	
Slate			882	897			
MAXTON SAND			897	1065			
LITTLE LIME			1065	1080		1089	S. L. M.
BIG LIME			1080	1235			
KUENER SAND			1235	1253			
Slate			1253	1285			
INJUN SAND			1285	1442			
Shell			1442	1460		1445	S. L. M.
Slate			1460	1735			
Shell			1735	1745			
Slate			1745	1800			
Shell			1800	1825			
Slate			1825	1845			
Brown Shale			1845	1860			
BERRA SAND			1860	1862			
Black Lime			1862	1880			
Slate			1880	1948			

(over)



Formation	Color	Hard or Soft	Top <i>14</i>	Bottom	Oil, Gas or Water	Depth Found	Remarks
<u>BROWN SHALE</u> Slate			1948	1990			
<u>BROWN SHALE</u> Slate			1990	2200			
<u>BROWN SHALE</u> Slate			2200	2330			
<u>BROWN SHALE</u> Slate			2330	2360			
<u>BROWN SHALE</u> Slate			2360	2650			
<u>BROWN SHALE</u> Black Lime			2650	2825			
<u>CORNIFEROUS</u>			2825	2860			
			2860	2870			
			2870	3126		2875	S. L. M.
<u>TOTAL DEPTH</u>				3126	Gas & Water	3078	Not enough gas to gauge; 1 bailer of water every 3 hours.
					<p>Note: There are 2 strings of 6" tools in this hole. We were unable to drill by. Hole was filled back to 2650'. Brown Shale was shot from 2200' to 2650'. 4 hours after shot, well gauged 15,000 cu. ft. Will plug and abandon.</p>		

Date April 30, 18 59

APPROVED Commonwealth Gas Corporation, Owner
 By W. S. Gravely, Land & Eng. Dept.
 (Title)