

Company TILLER GAS CO.
 Address HAMLIN, W. VA
 Farm ELIZABETH BROWN ET. AL.
 Tract _____ Acres 119 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 680
 Quadrangle GUYANDOT C
 County CABELL District GUYANDOTTE
 Engineer G. C. Ewing
 Engineer's Registration No. 309
 File No. _____ Drawing No. _____
 Date 4-29-54 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. CAB-474

+ 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.

No samples 3-2-54 Deep Well



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Guyandotte

WELL RECORD

Permit No. Cal-474

Oil or Gas Well

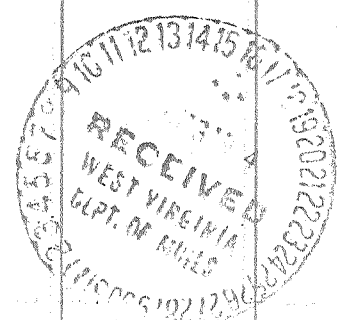
(KIND)

Company Tiller Gas Co.
Address Hamlin, W.Va.
Farm Elizabeth Brown Acres 114 1/3
Location (waters) Fourpole Creek
Well No. 1 Elev. 680'
District Guyandotte County Cabell
The surface of tract is owned in fee by Elizabeth Brown
Address Greenfield, Ohio
Mineral rights are owned by Elizabeth Brown
Address Greenfield, Ohio
Drilling commenced 4-29-1954
Drilling completed 6-15-1954
Date Shot 6-16-54 From 2600 To 3282
With 4,600 Lb of Gelatin.
Open Flow 7/10ths Water in 1'' Inch
/10ths Merc. in Inch
Volume 30,000 Cu. Ft.
Rock Pressure 500 lbs. 72 hrs.
Oil bbls., 1st 24 hrs.
Fresh water 600 feet
Salt water feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
18			
10		22'6"	Size of
8 3/4		22'5"	
6 5/8			Depth set
5 3/16		2185'	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

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

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Clay			0	20			
Blue mud			20	35			
Red Rock			35	100			
Slate			100	146			
Sand			146	160			
Red Rock			160	200			
Slate			200	240			
Broken Sand			240	270			
Slate			270	290			
Sand			290	340			
Slate			340	390			
Sand			390	412			
Slate			412	436			
Sand			436	500			
Slate			500	540			
Sand			540	555			
Black Slate			555	590			
Salt Sand			590	735			
Slate			735	850			
Lime Shell			850	910			
Hard Sand			910	980			
Slate & Shells			980	1105			
Sand			1105	1136			
Slate			1136	1284			
Little Lime			1284	1293			
Big Lime			1293	1454			
Slate			1454	1466			
Injun Sand			1466	1496			
Slate			1496	1540			
Shale			1540	1662			
Slat in Shale			1662	2012			
Sand			2012	2024			
Lime & shale			2024	2031			
Slate			2031	2070			
Shale			2070	2093			
Berea Sand			2093	2113			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate & Shells			2113	2180			
Brown Shale			2180	2273			
Slate			2273	2580			
Brown Slate			2580	2620			
Gray Slate			2620	2772			
Slate & Shells			2772	2833			
Brown Shale			2833	2895			
Slate			2895	2930			
Brown Shale			2930	3035			
White Slate			3035	3195			
Gray Shale			3195	3223			
Brown Shale			3223	3280			
Conniferous Lime			3280	3282			
				3280			

Ala

3280

Date _____, 19__

APPROVED _____