



Company PITTSBURGH & W. VA. GAS CO.

Address CLARKSBURG, W.VA.

Farm ELI NUTTER

Tract Acres 615 Lease No. 6125

Well (Farm) No. THREE Serial No. 4711

Elevation (Spirit Level) 965 V.A.

Quadrangle HOLBROOK N.E. 12-4

County DODDRIDGE District SOUTHWEST

Engineer Kenneth B. Moore

Engineer's Registration No.

File No. V-157 P. 61 Drawing No.

Date 5-5-48 Scale 1" = 500'

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

WELL LOCATION MAP
FILE NO. DOD-647-A

+ 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.



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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. 647-A

Oil or Gas Well **"GAS"**
(KRM)

Company Pittsburgh & West Va Gas Company.
Address Clarksburg, West Va.,
Farm Eli Matter Acres 615
Location (waters) Holbrook N/E. 1-4
Well No. 4711 Elev. 965' VA
District Southwest County Doddridge
The surface of tract is owned in fee by Hassol T. Hicks et al.
McDowell Co. Address Welch, W. Va.
Mineral rights are owned by Hassol T. Hicks, et al.
McDowell Co. Address Welch, W. Va.
Drilling commenced April 18, 1919
Drilling completed May 11, 1919
Date 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.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
20	282'	282'	Size of
8 1/4	1060'	1060'	
6 3/8	1282'	1282'	Depth set
5 3/16	1773'	Pulled.	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Da _____
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	Yellow	Soft	0	14			
Lime	Blue	Hard	14	34			
Red Rock	Red	Soft	34	84	Water	50'	
Slate	White	Medium	84	124			
Lime	Blue	Hard	124	154			
Red Rock	Red	Soft	154	214			
Sand	White	Hard	214	245			
Lime Shells	Dark	Hard	245	305	Water	302-305'	
Red Rock	Red	Soft	305	522			
Lime	Blue	Hard	522	537			
Slate	White	Soft	537	567			
"	Dark	Medium	567	600			
Red Rock	Red	Soft	600	645			
Lime	White	Hard	645	665			
Sand	"	"	665	700			
Slate	Gray	Medium	700	710			
Red Rock	Red	"	710	760			
Lime	White	Hard	760	770			
Sand	Gray	Medium	770	790			
Slate Shells	Dark	Hard	790	860			
Little Dunkard	Brown	Medium	860	895			
Slate	Dark	Soft	895	920			
Big Dunkard	Brown	Hard	920	955			
Slate	Dark	Soft	955	958			
Sand	White	Hard	958	965			
Lime	Dark	Medium	965	1000			
Slate	"	Soft	1000	1025			
Pink Rock	Pink	"	1025	1060			
Gas Sand	Dark	Hard	1060	1115			
Lime	White	"	1115	1155			
1st. Salt Sand	Gray	Soft	1155	1215	Water	1160-1165'	
Slate	White	Medium	1215	1235			
2nd. Salt Sand	"	Hard	1235	1255	Water	1240'	
Slate	Dark	Medium	1255	1312			
3rd. Salt Sand	Gray	Soft	1312	1340			
Slate	Dark	"	1340	1360			
4th. Salt Sand	Gray	Medium	1360	1405			
Slate	Dark	Soft	1405	1415			
Sand	"	Medium	1415	1427			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate	Dark	Medium	1427	1490			
5th. Salt Sand	White	Hard	1490	1525	Gas	1512-1516'	7/10 Water 2" 112 mcf
Slate	Dark	Medium	1525	1550			
Lime Shells	"	Hard	1550	1575			
Slate	"	Soft	1575	1621			
Maxon Sand	"	Hard	1621	1654	Gas	1642-1650'	6/10 Mer. 2" 381 mcf
Slate	"	Medium	1654	1670			
Sand	Gray	Hard	1670	1720			
Big Lime	Brown	"	1720	1780			
Big Injun Sand	Light	"	1780	1830			
Slate	Dark	Soft	1830	1835			
Squaw Sand	Gray	Medium	1835	1855	Gas	1841-1845'	
Slate			1855	1886			
Total Depth.....				1886			

Remarks:
Hole filled from 1886-1772'
M.S.P. Wood Plugs 1872'
Filled to 1763'
Present Depth 1763'

January 14, 1946

Date _____, 194

PITTSBURGH & WEST VA GAS COMPANY.

APPROVED _____, Owner

By W. J. McMaster (Title)

FORMATIONS
FORM: Q 32-5170

Well # 4711 Eli Mutter

NAME	TOP	BOTTOM	OIL	GAS	WATER	REMARKS
Clay		214				
Sand	214	245				
Plate & Lime	245	665				
Sand	665	700				
Plate & Lime	700	770				
Sand	770	790				
Little Dumbard	790	860				
Sand	860	895				
Plate	895	920				
Big Dumbard	920	955				
Plate	955	958				
Big Dumbard	958	965				
Lime & Plate	965	1040				
Clay Sand	1040	1115				
Lime	1115	1135				
Sand	1135	1215				
Plate	1215	1235				
2nd. fall sand	1235	1255				
Plate	1255	1312				
3rd. fall sand	1312	1340				
Plate	1340	1360				
4th. fall sand	1360	1405				
Plate	1405	1415				
5th. fall sand	1415	1427				
Plate	1427	1498				
Sand	1490	1525		1512-16		
Plate	1525	1621				
Mass sand	1621	1654		1642-1650		
Plate	1654	1670				
Sand	1670	1720				
Big Lime	1720	1780				
Big Lime	1780	1830				
Plate	1830	1835				
Quartz sand	1835	1838		1841-45		