



New Location...
 Drill Deeper...
 Abandonment... X

JUL 11 1946

4.0 W
 2.8 Q

Company CUMBERLAND GAS CORPN.
 Address P.O. BOX 2386 Charleston, W.VA.
 Farm BRADFORD HRS.
 Tract _____ Acres 4730 Lease No. _____
 Well (Farm) No. 22 Serial No. _____
 Elevation (Spirit Level) 754
 Quadrangle PEYTONA
 County KANAWHA District LOUDON
 Engineer J. D. Moore
 Engineer's Registration No. 159
 File No. _____ Drawing No. _____
 Date JUNE 17-46 Scale 1" = 1320'

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

WELL LOCATION MAP
 FILE NO. KAN-448-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

BRADFORD HRS. NO. 22 - CUMBERLAND GAS CORP. - KAN-448-A



COPY

1197

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. Kan-448 A

Oil or Gas Well Gas
(KIND)

Company Cumberland Gas Corporation
Address Charleston, W. Va.
Farm Bradford Heirs Acres 4730
Location (waters) _____
Well No. BR-22 Elev. 754
District London County Kanawha
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced October 2, 1922
Drilling completed November 20, 1922
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume 80 MFC _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water 960 feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size		All	
16			Casing pulled
13 1/2"	9		Kind of Packer _____
10-3/4"	99		Size of _____
8-5/8"	1005		Depth set _____
7"	1238		Perf. top _____
5 3/16			Perf. bottom _____
3			Perf. top _____
2-3/8"	1870		Perf. bottom _____
Liners Used _____			Perf. top _____
			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 85 FEET 60 INCHES
240 FEET _____ INCHES 60 FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Gravel			0	5			
Rock	white	hard	5	85			
Coal	black	soft	85	90			
Slate	black	"	90	100			
Sand	white	"	100	130			
Slate	black	soft	130	145			
Sand	white	"	145	160			
Slate	white	"	160	175			
Sand	white	"	175	200			
Slate	black	"	200	225			
Sand	white	"	225	240			
Coal	black	"	240	245			
Slate	white	"	245	275			
Sand	white	"	275	300			
Slate and shell			300	365			
Lime	white	hard	365	385			
Sand	white	"	385	420			
Slate	slate	soft	420	430			
Sand	white	hard	430	445			
Slate	black	soft	445	465			
Sand	dark	hard	465	556			
Slate	white	soft	556	580			
Slate and shell			580	590			
Lime	white	hard	590	644			
Slate	black	soft	644	670			
Sand	white	hard	670	785			
Slate	white	soft	785	800			
Lime and slate white		soft	800	828			
Sand	white	hard	828	848	Lime cave	848'	
Lime and slate black		hard	848	878			
Sand	grey	hard	878	990	Water	960'	
Red rock	red	soft	990	1025			
Maxton	gray	hard	1025	1061			
Red rock	red	soft	1061	1038			
Sand	gray	gas	1088	1092			
Slate	black	soft	1092	1138			
Little lime	black	hard	1138	1158			
Pencil cave	black	soft	1197	1200			
Big lime	black	hard	1200	1395			

(Over)

NOV 20 1922

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Keener	white	hard	1395	1405	Small show	Gas 1395	
Big Injun	red	hard	1400	1440	Break 1433'	to 1435'	
Slate and shell			1440	1595			
Weir	black	hard	1595	1690	Small show	gas 1600'	1605'
Slate and shell		hard	1690	1848	Small show	gas 1630'	1635'
Coffee slate	brown	soft	1848	1856			
Berea Grit	white	hard	1856	1861			
Shell	lime	light	1861	1870 $\frac{1}{2}$	1870' 2" tubing		
Total Depth				1870 $\frac{1}{2}$			

Date _____, 194__

APPROVED _____, Owner

By _____ (Title)