



Company HOPE NATURAL GAS CO.
 Address CLARKSBURG, W.VA.
 Farm FEDERAL COAL CO.
 Tract 1 Acres 18348 Lease No. 46408
 Well (Farm) No. _____ Serial No. 7644
 Elevation (Spirit Level) 1272'
 Quadrangle PEYTONA.
 County BOONE District SHERMAN
 Engineer Wm Bowers
 Engineer's Registration No. 900
 File No. _____ Drawing No. _____
 Date 2-20-41 Scale 1" = 1320'

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

WELL LOCATION MAP
 FILE NO. Boo-90A

+ 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.

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

489

WELL RECORD

Permit No. 90-A

Oil or Gas Well Gas
(KIND)

Company Hope Natural Gas Company
Address Clarksburg, W. Va.
Farm Federal Coal Company Acres 18348
Location (waters) 7644
Well No. 7644 Elev. 1272
District Sherman County Boone
The surface of tract is owned in fee by Federal Coal Co.
Address Charleston, W. Va.
Mineral rights are owned by
Address
Drilling commenced 6-26-1930
Drilling completed 9-23-1930
Date shot Not shot Depth of shot
Open Flow /10ths Water in Inch
/10ths Merc. in Inch
Volume Cu. Ft.
Rock Pressure lbs. hrs.
Oil bbls., 1st 24 hrs.
Fresh water 53 feet
Salt water 1539-1635 feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13	31	31	
10	650	650	Size of
8 1/4	1875	Pulled	
6 5/8	2417	2417	Depth set
5 3/16			
3			Perf. top
2	3011	3011	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED SIZE No. Ft. Date
Not cemented
COAL WAS ENCOUNTERED AT 50 FEET 36 INCHES
112 FEET 24 INCHES 216 FEET 24 INCHES
398 FEET 24 INCHES 618 FEET 24 INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Coal			50	53	Water	53	Fresh
Coal			112	114			
Coal			216	218			
Coal			398	400			
Coal			618	620			
Sand			630	668			
Sand			695	710			
Lime			710	727			
Sand			790	835			
Lime			835	845			
Sand			935	1000			
Lime			1000	1045			
Sand			1045	1090			
Lime			1090	1100			
Sand			1100	1218			
Grampus Sand			1218	1386			
Sand			1386	1414			
Salt Sand			1448	1867	Water	1539 & 1635	Salt
Lime			1870	1895			
Red Rock			1925	1955			
Lime			1975	2025			
Maxon Sand			2025	2167			
Lime			2183	2223			
Sand			2244	2260			
Pencil Cave			2290	2300			
Lime			2300	2625			
Keener Sand			2625	2640			
Big Injun Sand			2640	2670			
Weir Sand			2715	2954	Gas	2760-2890-2945-2951-2956	
Total Depth				3011			

