

Company Hope Natural Gas Co.  
 Address Clarksburg, W. Va.  
 Farm Federal Coal Co.  
 Tract. Acres 18348 Lease No. 7618-7619-7620-7621-7622-7623-7624  
 Well Serial No. 7625-7626-7638-7639-7640-7641-7642  
 Elevation (Spirit Level) see above  
 Quadrangle Peytona  
 County Boone District Sherman  
 Engineer [Signature]  
 Engineer's Registration No. 744  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 9-11-37 Scale 1" = 1320'

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

WELL LOCATION MAP  
 FILE NO B00-50 A 185A  
 WELL 7641

+ 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.  
 see pg. # F-17

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

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WELL RECORD

Permit No. 85-A

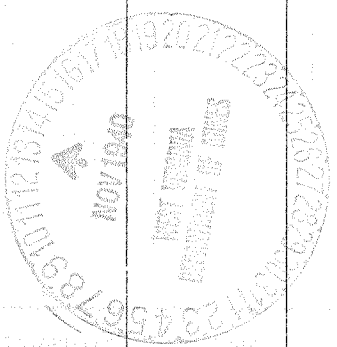
Oil or Gas Well Gas  
(Kind)

Company Hope Natural Gas Company  
Address Clarksburg, W. Va.  
Farm Federal Coal Company Acres 18348  
Location (waters).....  
Well No. 7641 Elev. 1038  
District Sherman County Boone  
The surface of tract is owned in fee by Federal Coal Company  
Address Charleston, W. Va.  
Mineral rights are owned by.....  
Address.....  
Drilling commenced 1-24-30  
Drilling completed 3-22-30  
Date shot 3-25-30 Depth of shot 2574-2588  
2682-2692  
Open Flow /10ths Water in..... Inch  
/10ths Merc. in..... Inch  
Volume..... Cu. Ft.  
Rock Pressure..... lbs..... hrs.  
Oil..... bbls., 1st 24 hrs.  
Fresh water 85-165 feet..... feet  
Salt water 1265 feet..... feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16.....			
13.....			
10.....	30	30	Size of
8 1/4.....	490	490	
6 5/8.....	1628	Pulled	Depth set
5 3/16.....	2173	2173	
3.....			Perf. top
2.....	2681	2681	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED..... SIZE  No. Ft..... Date  
Not cemented  
COAL WAS ENCOUNTERED AT 268 FEET 36 INCHES  
375 FEET 36 INCHES..... FEET..... INCHES  
..... FEET..... INCHES..... FEET..... INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Coal			268	271	Water	85-165	
Coal			375	378			
Grampus Sand			980	1145			
Salt Sand			1175	1320	Water	1265	
Second Salt Sand			1324	1520			
Maxon Sand			1800	1920			
Little Lime			2042	2076			
Big Lime			2078	2375			
Big Injun Sand			2375	2405			
Sand			2475	2500			
Weir Sand			2525	2694	Gas	2578 2692	
Total depth-----			2730				



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks

Date **November 12, 1940.**, 19.....

APPROVED **Hope Natural Gas Company**, Owner

By **W.P. Roll** General Supt.  
(Title)