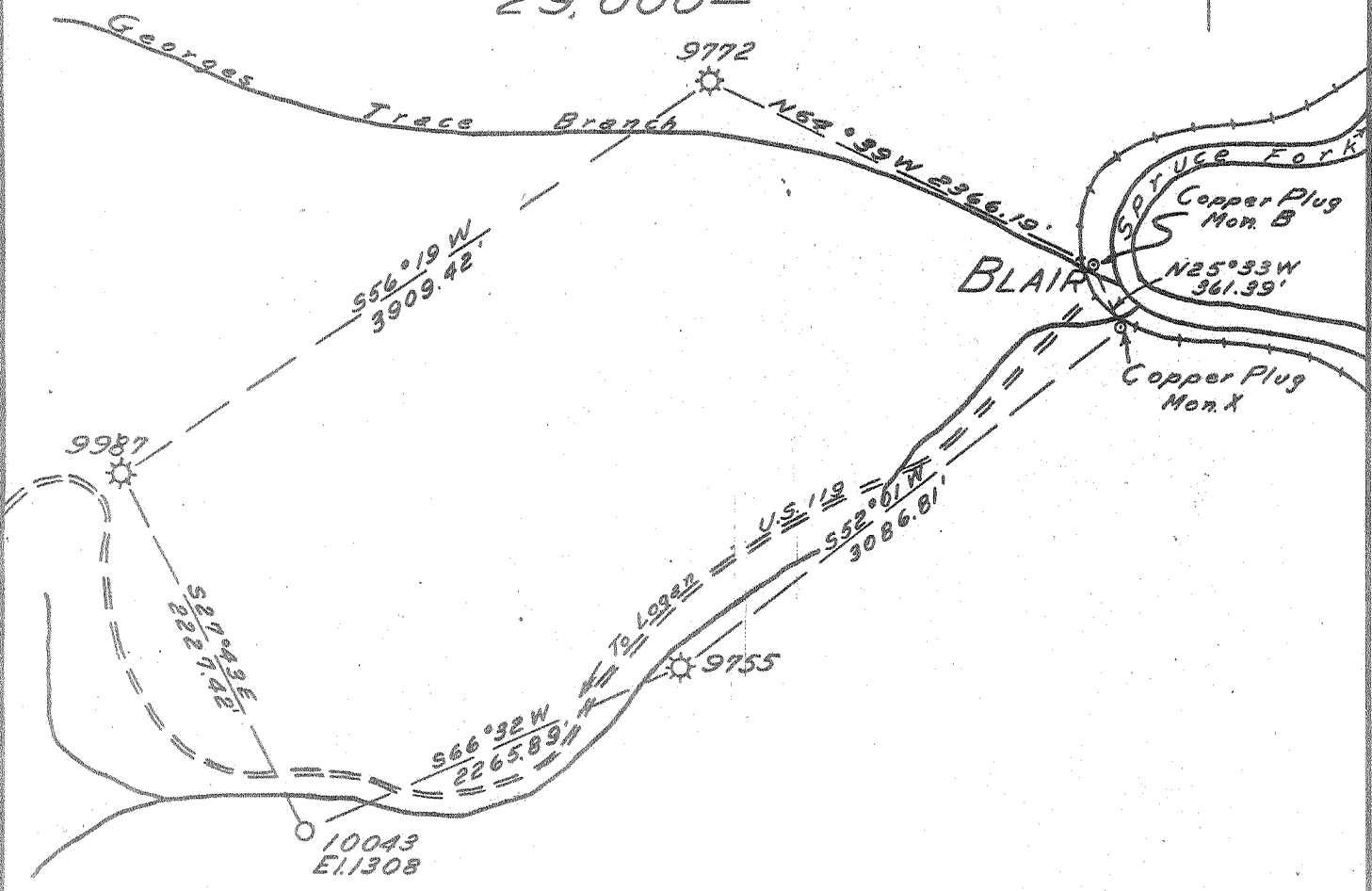
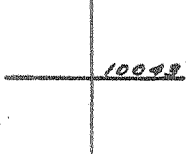


Latitude 37° 55'

Longitude 81° 50'

3.43 S
0.81 W

BOONE COUNTY COAL CORP
29,000±



New Location
Drill Deeper
Abandonment

MAP SHEET 174W S-108 W-72, FB 1154 P. 36-37

Company HOPE NATURAL GAS CO.
Address CLARKSBURG, W.VA.
Farm BOONE COUNTY COAL CORP
Tract _____ Acres 29,000 Lease No. 60352
Well (Farm) No. _____ Serial No. 10043
Elevation (Spirit Level) 1308
Quadrangle LOGAN
County LOGAN District LOGAN
Engineer Guy H. Bradley
Engineer's Registration No. 2425
File No. _____ Drawing No. _____
Date 12-19-56 Scale 1"=1000'

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

WELL LOCATION MAP
FILE NO. LOG-603

+ 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.

60212



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Logan

Permit No. LOG-603

WELL RECORD

Oil or Gas Well Gas
(KIND)

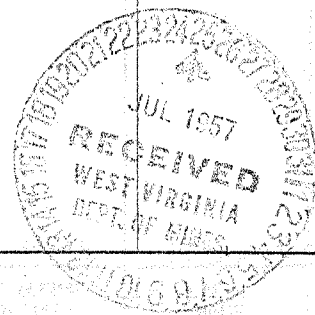
Company Hope Natural Gas Company
Address Clarksburg, W. Va.
Farm Boone County Coal Corp. Acres 27000
Location (waters) _____
Well No. 10043 Elev. 1308
District Logan County Logan
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced 1-15-57
Drilling completed 5-6-57
Date Shot Not shot From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume 69 M _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED 4-3-57

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
18	17	17	
10	765 X	765 X	Size of
8 1/4	1942	1942	
6 3/4	2482	2482	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
7" Casing set in 25 bags cement
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
See log below
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

WELL FRACTURED _____
RESULT AFTER TREATMENT 510 M
ROCK PRESSURE AFTER TREATMENT _____
Fresh Water _____ Feet Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface			0	17			
Sand			17	37			
Slate			37	40			
Sand			40	83			
Coal			83	84			
Sand			84	110			
Slate			110	135			
Coal			135	138			
Slate			138	195			
Sand			195	250			
Coal			250	252			
Sand			252	283			
Slate			283	285			
Coal			285	287			
Slate			287	340			
Sand			340	384			
Slate			384	395			
Sand			395	423			
Slate			423	451			
Sand			451	485			
Slate			485	503			
Sand			503	531			
Slate			531	548			
Coal			548	549			
Slate			549	600			
Sand			600	631			
Slate			631	651			
Sand			651	656			
Slate & Shells			656	692			



(over)

Formation	Color	Hard or Soft	Top $\bar{5}$	Bottom	Oil, Gas or Water	Depth Found	Remarks
Coal			692	693	Water	1438' & 180'	
Slate & Shells			693	720			
Coal			720	723			
Slate & Shells			723	729			
Sand			729	812			
Lime			812	836			
Slate & Shells			836	877			
Sand			877	916			
Slate & Shells			916	966			
Sand			966	997			
Slate & Shells			997	1044			
Lime			1044	1061			
Slate & Shells			1061	1142			
Sand			1142	1185			
Slate & Shells			1185	1207			
Sand			1207	1418			
Slate & Shells			1418	1572			
Sand			1572	1735			
Slate & Shells			1735	1760			
Sand			1760	1936	Water	1610' & 1850'	
Lime			1936	1950			
Slate & Shells			1950	2000			
Lime Shell			2000	2047			
Red Rock			2047	2097			
Slate & Shells			2097	2277			
MAXON			2277	2298			
Red Rock			2298	2307			
Slate & Shells			2307	2372			
Red Rock			2372	2376			
Slate & Shells			2376	2390			
BIG LIME			2390	2780	Gas	2740 to 2761	
Sand			2780	2801			
Total Depth				2801'			

2300
1308
1062

Date July 24, 1957, 19

APPROVED Hope Natural Gas Company, Owner

By Jack G. Bailey
(Title)