

Company HOPE NATURAL GAS CO.

Address CLARKSBURG, W. VA.

Farm A. AMOS HRS

Tract _____ Acres 214 Lease No. 61814

Well (Farm) No. _____ Serial No. 9508

Elevation (Spirit Level) 1352'

Quadrangle BLACKSVILLE

County MARION District LINCOLN

Engineer Guy A. Bradley

Engineer's Registration No. 2425

File No. _____ Drawing No. _____

Date 10-31-60 Scale 1" = 40 p.

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

WELL LOCATION MAP
FILE NO. MAR-903-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.



935

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle BLACKSVILLE

Permit No. 903-A

WELL RECORD

Oil or Gas Well Gas
KIND

Company Hope Natural Gas Company
Address Clarksburg, W. Va.
Farm A. Amos Heirs Acres 2 1/4

Location (waters) _____
Well No. 9508 Elev. 1352
District Lincoln County Marion

The surface of tract is owned in fee by _____
Address _____

Mineral rights are owned by _____
Address _____

Drilling commenced 9-2-09
Drilling completed 11-4-09

Date Shot NO record From _____ To _____
With _____

Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch

Volume Exhausted Cu. Ft. _____
Rock Pressure _____ lbs. _____ hrs.

WELL ACIDIZED NO _____
_____ bbls., 1st 24 hrs.

WELL FRACTURED NO

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
18			<u>6-5/8x2 set 3060?</u>
10			Size of
8 1/2	<u>1680'</u>	<u>1680'</u>	<u>6-5/8x2 set 2096'</u>
6 3/4	<u>1941'</u>	<u>1941</u>	Depth set
5 3/16			
3			Perf. top
2	<u>3102'</u>	<u>3102</u>	Perf. bottom
			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No Ft. _____ Date _____
No cementing

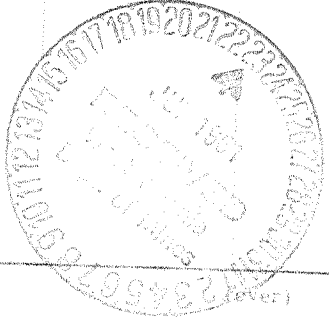
COAL WAS ENCOUNTERED AT 560 FEET 22 INCHES
672 FEET 22 INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

RESULT AFTER TREATMENT

ROCK PRESSURE AFTER TREATMENT

Fresh Water _____ Feet _____ Salt Water _____ Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Mapletown Coal			560				
Pitts. Coal			672				
Big Dunkard			1195				
Gas sand			1395	1460	Gas	1420-Show	
1st & 2nd. salt			1472	1710	Water	1638	
Pencil Cave			1907	1917			
Big Lime			1917	2000			
Injun			2000	2130	Gas	2104	
50 ft. sand			2600	2665			
30 ft. sand			2680	2705			
Sand			3034	3038			
5th. sand			3052	3054	Gas	3053	
Total Depth				3102			



APR 6 1962
6-22-61
Fred M. Cottrill, Jr.