

39°35'60"

Latitude

80°40'00"

Longitude

+ 1.55s  
1.48w

**Topo Location**

7.5' Loc. \_\_\_\_\_ 15' Loc. \_\_\_\_\_  
\_\_\_\_\_ (calc.) \_\_\_\_\_

Company Hope Nat Gas

Farm CA Long # 5645

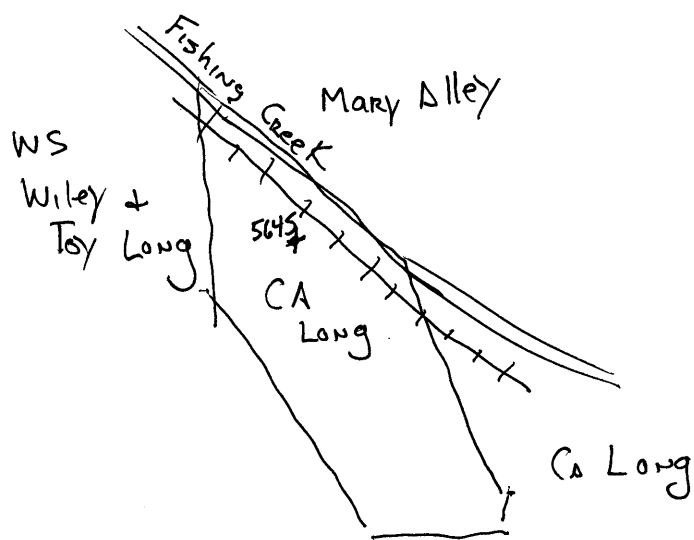
15' Quad \_\_\_\_\_  
(sec.)

7.5' Quad PINE GROVE

District GREEN

**WELL LOCATION PLAT**

County 103 Permit 30920





STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

1350

WELL RECORD

Permit No. Ab 920-A XXXX  
Oil or Gas Well \_\_\_\_\_  
(KIND)

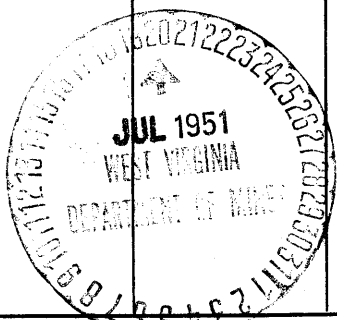
Company Hope Natural Gas Company.  
Address 445 West Main St. Clarksburg, W. Va.  
Farm C.A. Long. Acres 48  
Location (waters) \_\_\_\_\_  
Well No. 5645 Elev. 722  
District Green County Wetzel  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by \_\_\_\_\_  
Address \_\_\_\_\_  
Drilling commenced November 4, 1919  
Drilling completed December 12, 1919  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	305	40	Size of
8 1/4	1044	1044	
6 1/2	1654	1654	Depth set
5 3/16			
3	2626	2626	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
Fresh water 90 885 feet \_\_\_\_\_ feet  
Salt water 1366 feet \_\_\_\_\_ feet

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
COAL WAS ENCOUNTERED AT 386 FEET 48 INCHES  
468 FEET 24 INCHES FEET INCHES  
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Coal			356	360			
Pittsburgh Coal			468	470			
Little Dankard			880	905	water 885	5 bailers per hr.	
Big Dankard			1085	1100			
First Salt			1270	1395	water 1366	7 bailers per hr.	
Second Salt			1435	1495			
Maxon			1520	1535			
Little Lime			1623	1623			
Pencil cave			1633	1638			
Big Lime			1638	1702			
Big Injun			1702	1928	gas	1703	
Berea			2080	2110			
Gordon stray			2502	2533	gas	2502	
Fourth			2560	2572	gas	2570	
Total depth				2626			



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

Date July 16, 1951., 19\_\_

APPROVED Hope Natural Gas Company., Owner

By \_\_\_\_\_ (Title) *[Signature]*