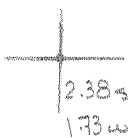


**Latitude**

**Longitude**



**Topo Location**

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

Company \_\_\_\_\_

Farm \_\_\_\_\_

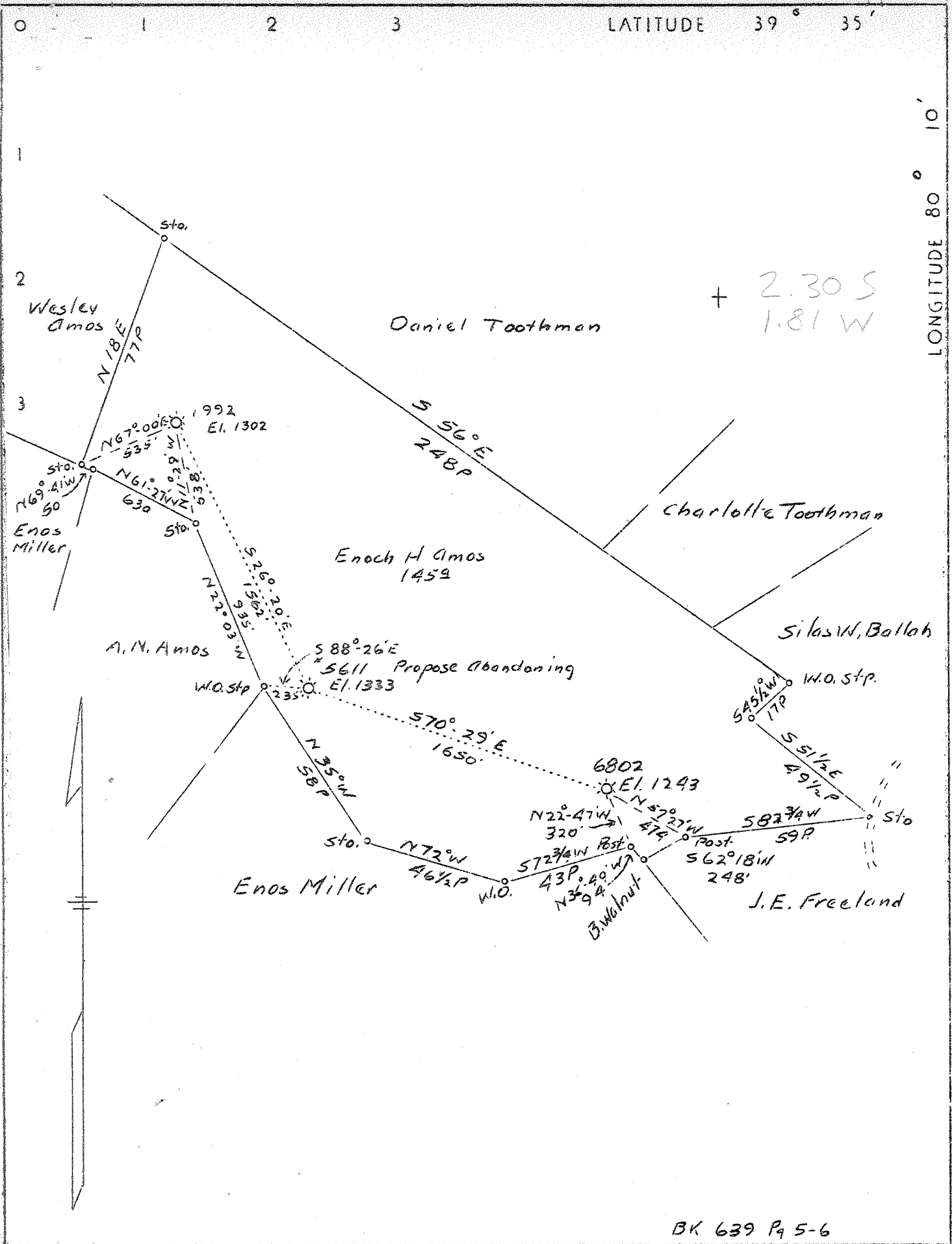
15' Quad \_\_\_\_\_  
    (sec.)

7.5' Quad Grant Town

District Paw Paw

**WELL LOCATION PLAT**

County 049 Permit 30157



BK 639 P 5-6

Company	Hope Natural Gas Co.
Address	Clarksburg, W. Va.
Farm	Enoch H. Amos
Tract	1 Acres 145 Lease No.
Well (Farm) No.	2 Serial No. 5611
Elevation (Spirit Level)	1333
Quadrangle	Blacksville W. Va.-Pa.
County	Marion District Paw Paw
Engineer	S. H. Bradley
Engineer's Registration No.	135
File No.	Drawing No.
Date	12-16-36 Scale 1"-40 poles

STATE OF WEST VIRGINIA  
 Department of Mines  
 OIL AND GAS DIVISION  
 CHARLESTON

WELL LOCATION MAP  
 File No. MAR-157A

+ Denotes location of well on U. S. 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.

Paw Paw District, Marion County, W. Va.

By Hope Natural Gas Co., 145 W. Main St., Clarksburg, W. Va.

On 145 acres, on Paw Paw Creek.

Elevation, 1322' L.

Drilling commenced May 13, 1920; completed, Sept. 16, 1920.

Shot Sept. 22, 1920, at 2089'.

Salt water at 1575'.

10" casing, 711'; 8½", 1414'; 6¾", 1497'; 5½", 1958'; 2" tubing, 2139'  
(pulled).

10" casing cemented, 699', 5-4-20.

Coal was encountered at 640-649'.

Gas well. Abandonment reported to Dept. of Mines Dec. 17, 1936.

Record to RCT from D. C. Courtney (Dept. of Mines) 5-5-37.

	Top.	Bottom.
Pittsburgh Coal	640	- 649
Little Dunkard Sand	995	- 1025
Big Dunkard Sand	1133	- 1158
Gas Sand (gas, 1340-1343')	1325	- 1355
Sand	1362	- 1376
1st Salt Sand	1392	- 1449
Sand	1473	- 1500
2nd Salt Sand (water, 1575')	1565	- 1720
Little Lime	1900	- 1916
Pencil Cave	1916	- 1920
Big Lime	1920	- 1979
Big Injun Sand (gas, 2092')	1979	- 2117
Total depth		2137

WEST VIRGINIA DEPARTMENT OF MINES  
OIL AND GAS DIVISION

564

WELL RECORD

Permit No. MAR-157-A

Oil or Gas Well Gas  
(Kind)

Company Hope Natural Gas Company  
 Address 445 West Main St., Clarksburg, W. Va.  
 Farm E. H. Amos Acres 145  
 Location (waters) Paw Paw Creek  
 Well No. 5611 Elev. 1822'  
 District Paw Paw County Marion  
 The surface of tract is owned in fee by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Mineral rights are owned by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Drilling commenced May 13, 1920  
 Drilling completed Sept. 16, 1920  
 Date shot Sept. 22, 1920 Depth of shot 2039  
 Open Flow /10ths Water in \_\_\_\_\_ Inch  
 /10ths Merc. in \_\_\_\_\_ Inch  
 Volume \_\_\_\_\_ Cu. Ft.  
 Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
 Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
 Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
 Salt water 1575' feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	711	711	Size of
8 1/4	1414	1414	
6 5/8	1497	1497	Depth set
5 3/16	1958	1958	
3			Perf. top
2	2139	None	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 10" SIZE 699 No. FT-6-4-20 Date \_\_\_\_\_  
 COAL WAS ENCOUNTERED AT 640 FEET 108 INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
<del>Pitts. Coal</del>			640	649			
<del>Little Dunkard</del>			995	1025			
<del>Big Dunkard</del>			1133	1158			
<del>Gas Sand</del>			1325	1355	Gas	1340-1343	Sand 1362- 1376
<del>1st Salt Sand</del>			1392	1449			
<del>Sand</del>			1473	1500			
<del>2nd Salt Sand</del>			1565	1720	Water	1575	
<del>Kittle Line</del>			1900	1916			
<del>Pencil Cove</del>			1916	1920			
<del>Big Line</del>			1920	1979			
<del>Big Injun Sand</del>			1979	2117	Gas	2092	
<del>Total Depth</del>				2137			

