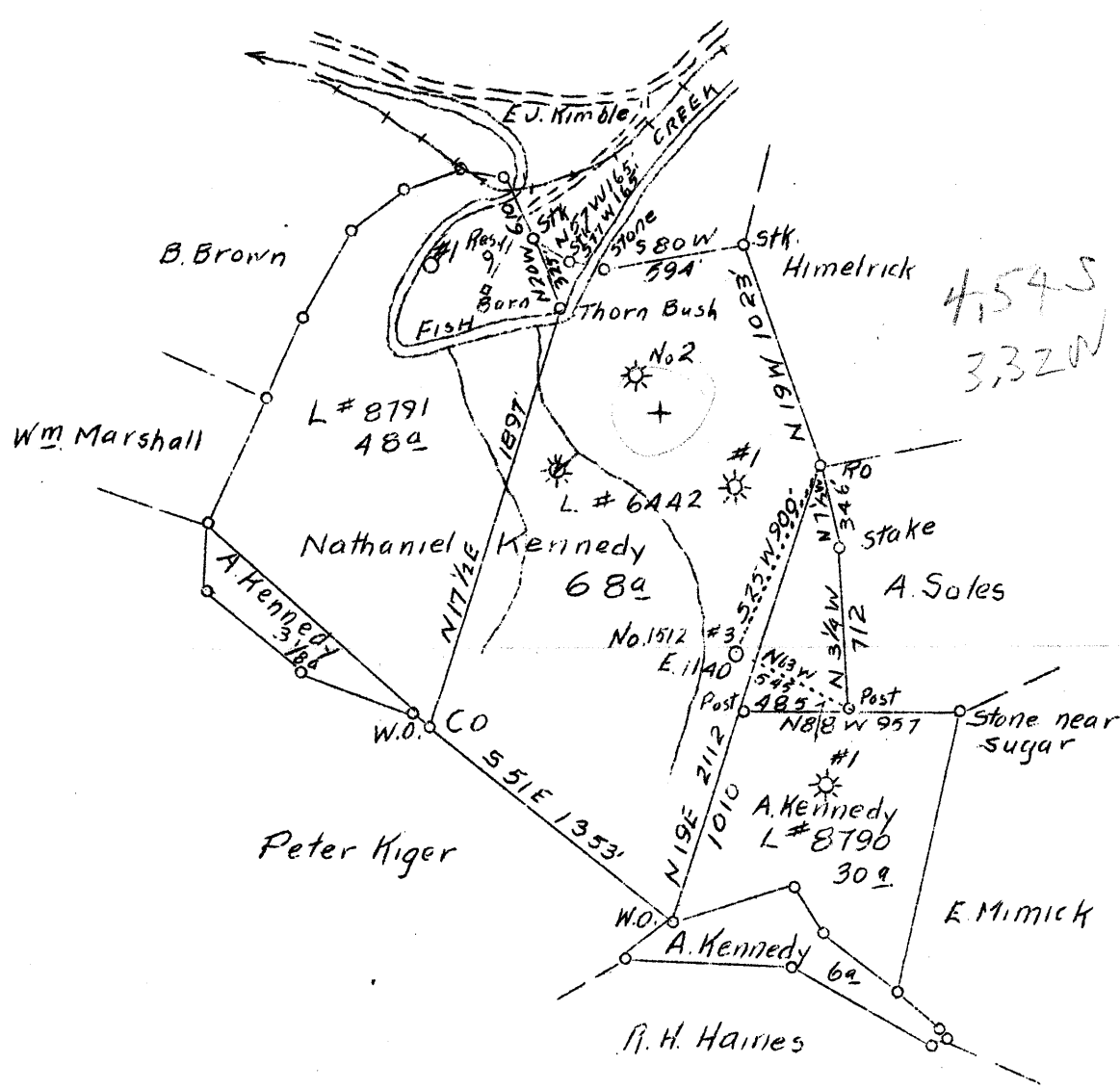


m

LATITUDE 39° 45'

LONGITUDE 80° 25'



Company Carnegie Natural Gas Co.
 Address Pittsburgh, Pa.
 Farm Nathaniel Kennedy
 Tract 2 Acres 68 Lease No. 6442-72
 Well (Farm) No. 3 Serial No. 1512
 Elevation (Spirit Level) 1140
 Quadrangle Mannington *NW*
 County Wetzel District Church
 Engineer O. D. Nutter
 Engineer's Registration No. _____
 File No. _____ Drawing No. _____
 Date Sept. 2, 1936 Scale 1"=800'

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

WELL LOCATION MAP
 File No. Wet-148 D

+ 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.

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

WELL RECORD

Permit No. Wet-148

Gas Well

Mannington Quad.

Company - Carnegie Natural Gas Co.
 Address - Pittsburgh, Pa.
 Farm - N. Kennedy. Acres- 68
 Location - Branch Fish Creek
 Well No. - 3-1512. Elev. 1140'
 District - Church. County- Wetzel
 Surface & Mineral - N. Kennedy, Hundred, W. Va.
 Drilling - Commenced- 2-4-37
 Completed- 3-14-37

CASING & TUBING

8 1/4 166'6"
 6-5/8 808'

Coal was encountered at 552' & 778' & 888'

Date Shot -
 Open Flow - 6/10ths water in 1"
 Rock Press.- 33 lbs. 24 hrs.
 Oil -
 Fresh Water -
 Salt Water -

FORMATION	COLOR	H ^{or} S ^h	TOP	BOTTOM	RESULT	FORMATION	COLOR	H ^{or} S ^h	TOP	BOTTOM	RESULT
Clay	Red	S	0	35		Lime	White	H	894	905	
Slate	Dark	S	35	45		Slate	Dark	S	905	940	
Lime	Whi.	H	45	60		Lime	White	H	940	952	
Clay	Whi.	S	60	70		Rock	Red	S	952	965	
Rock	Red	S	70	80		Lime	White	H	965	975	
Mud	Blue	S	80	120		Slate	Light	S	975	1000	
Lime	Whi.	H	120	135		Rock	Red	S	1000	1035	
Slate	Blue	S	135	150		Shale	Black	S	1035	1060	
Lime	Whi.	H	160	210		Rock	Red	S	1060	1090	
Slate	Dark	S	210	230		Slate	White	S	1090	1125	
Lime	Whi.	H	230	260		Mud	Blue	S	1125	1135	
Slate	Dark	S	260	275		Slate	Light	S	1135	1158	
Lime	Whi.	H	275	290		Rock	Red	S	1158	1195	
Slate	Dark	S	290	300		Lime	Dark	H	1195	1198	
Rock	Red	S	300	310							
Lime	Light	H	310	320		Total Depth				1199	
Slate	Dark	S	320	330							
Sand	Light	H	330	340							
Slate	Dark	S	340	345							
Lime	White	H	345	380							
Slate	Dark	S	380	405							
Lime	Light	H	405	455							
Sand	Light	H	455	485							
Slate	Dark	S	485	493							
Coal	Black	S	493	495							
Lime	White	H	495	535							
Sand	White	H	535	552							
Coal	Black	S	552	555	Waynesburg						
Slate	Dark	S	555	575							
Lime	Light	H	575	600							
Slate	Dark	S	600	606							
Lime	Light	H	606	620							
Slate	Dark	S	620	635							
Lime	White	H	635	670							
Slate	Dark	S	670	675							
Lime	White	H	675	705							
Slate	Dark	S	705	710							
Lime	White	H	710	774							
Shale	Dark	S	774	778							
Coal	Black	S	778	781	Show gas not enough to test. Mapletown.						
Slate	Dark	S	781	802							
Lime	White	H	802	820							
Slate	Light	S	820	826							
Lime	White	H	826	838							
Slate	Dark	S	838	852							
Lime	Light	H	852	864							
Slate	Dark	S	864	888							
Coal	Black	S	888	894	Gas 888 to 894 Pittsburgh 6/10 W. in 1'						