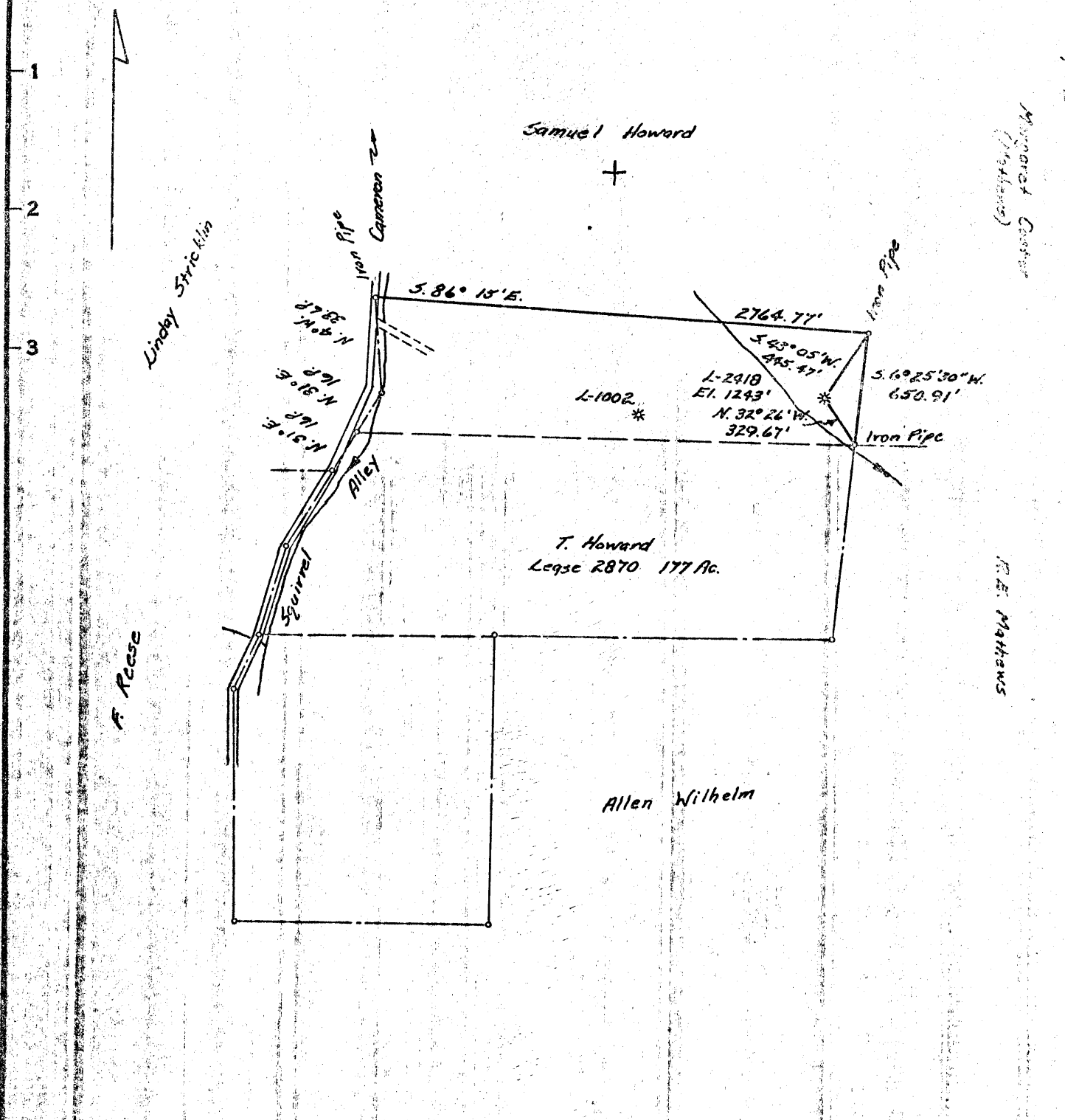


LATITUDE 39° 50'



1.83S  
3.48W

Partially Plugged

COAL OWNED BY M. A. Hanna Coal Company

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT 8-23-69

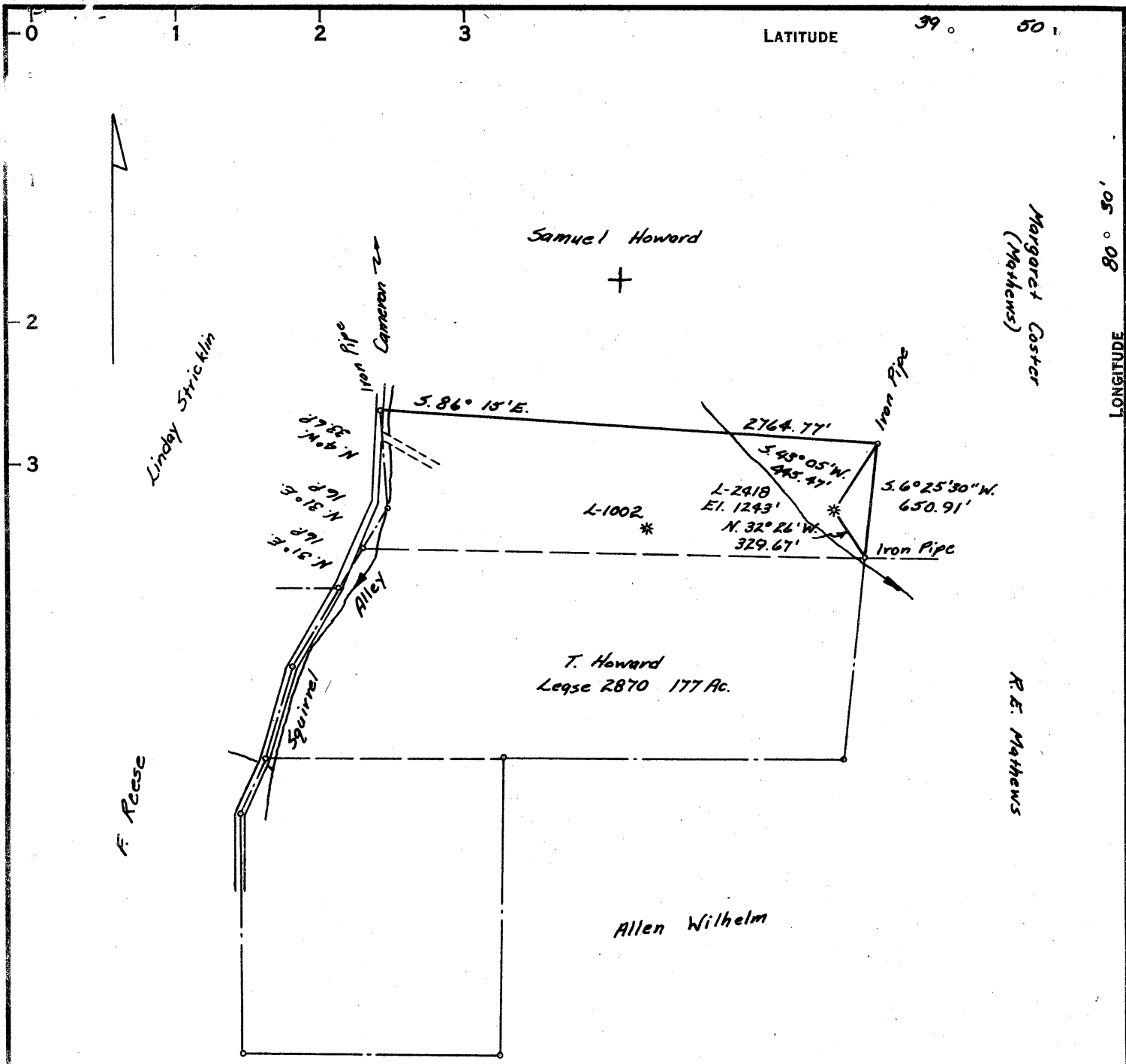
"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."  
Minimum degree of accuracy is one part in 2500

Signed John A. London (J.F.)

COMPANY	<u>The Manufacturers Light And Heat Company</u>		
ADDRESS	<u>800 Union Trust Bldg. Pittsburgh, Pa.</u>		
FARM	<u>T. Howard</u>		
MAP	<u>Q-25129</u>	ACRES	<u>177</u>
WELL (FARM) NO.	<u>R</u>	SERIAL NO.	<u>2418</u>
ELEVATION (SPIRIT LEVEL)	<u>1243'</u>		
QUADRANGLE	<u>Cameron</u>	<u>15'</u>	<u>3E</u>
COUNTY	<u>Marshall</u>	DISTRICT	<u>Liberty</u>
POINT OF PROVEN ELEVATION	<u>U.S.G.S. B.M. D-127</u>		
FILE NO.	<u>Y-25-872</u>		
DATE	<u>March 4, 1964</u>	SCALE	<u>1"=800'</u>

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION  
CHARLESTON  
WELL LOCATION MAP  
FILE NO. MARS-469-APP-P

+ 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



1.86S  
3.45W

Partially Plugged

COAL OWNED BY M. A. Hanna Coal Company

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Minimum degree of accuracy is one part in 2500

Signed John A. London (J.F.)

COMPANY <u>The Manufacturers Light And Heat Company</u>	
ADDRESS <u>800 Union Trust Bldg. Pittsburgh, Pa.</u>	
FARM <u>T. Howard</u>	
MAP <u>0-25124</u>	ACRES <u>177</u> LEASE NO. <u>2870</u>
WELL (FARM) NO. <u>R</u>	SERIAL NO. <u>2418</u>
ELEVATION (SPIRIT LEVEL) <u>1243'</u>	
QUADRANGLE <u>Cameron 15'</u>	
COUNTY <u>Marshall</u>	DISTRICT <u>Liberty</u>
POINT OF PROVEN ELEVATION <u>U.S.G.S. B.M. D-127</u>	
FILE NO. _____	DRAWING NO. <u>Y-25-872</u>
DATE <u>March 4, 1964</u>	SCALE <u>1" = 800'</u>

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION  
CHARLESTON  
WELL LOCATION MAP  
FILE NO. MARS-469-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.

Liberty District, Marshall County, W. Va.  
 By Manufacturers Light & Heat Co.  
 Completed March 6, 1920.  
 Record from Mr. Schillhahn Sept. 30, 1939.

	Top.	Bottom.
Pittsburgh Coal	855	- 861
Murphy Sand	1020	- 1040
Little Dunkard Sand	1240	- 1270
Big Dunkard Sand	1355	- 1395
Gas Sand	1485	- 1570
Salt Sand (pay 1613-1618' and 1630-1635')	1605	- 1639
2nd Salt Sand	1810	- 1920
Big Lime	1958	- 2000
Big Injun Sand (little water)	2000	- 2240
Gantz Sand	2605	- 2618
Gordon Stray Sand	2802	- 2842
Gordon Sand	2863	- 2905
Total depth		2936