

18278

80° 32' 30"

LONGITUDE

Partially Plugged
 COAL OWNED BY Pittsburgh Coal - M.A. Hanna Co.
 All Other - State of West Virginia

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

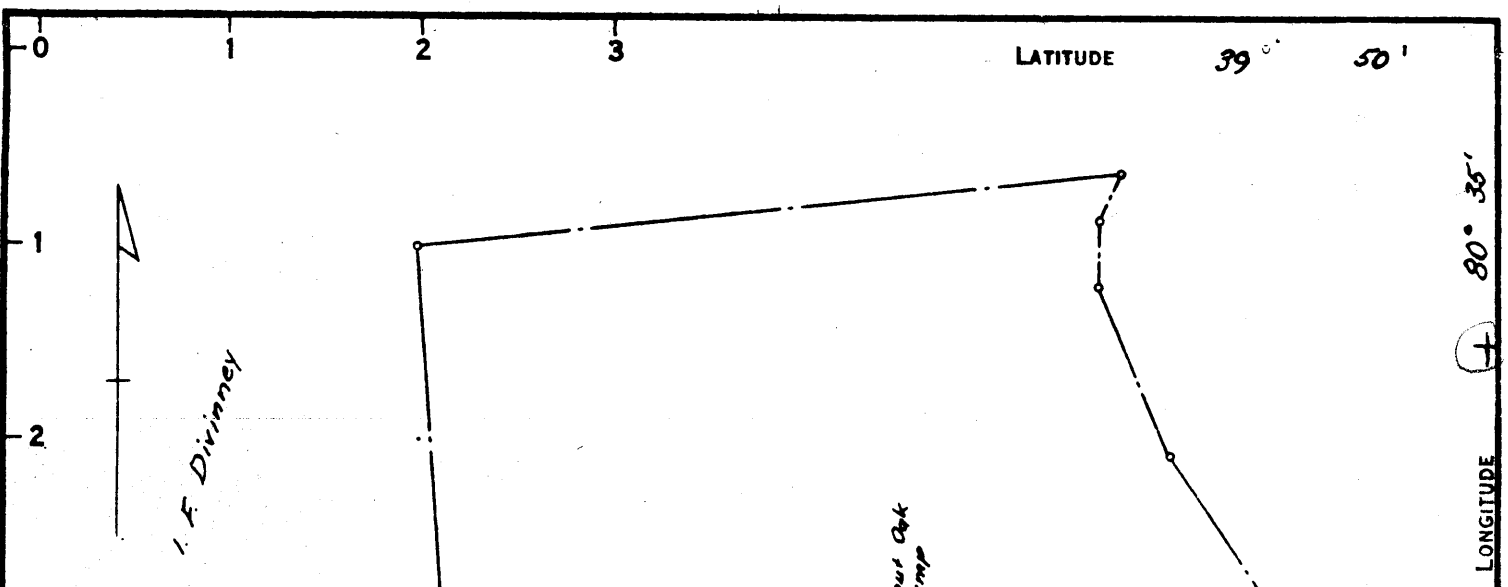
"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."
 Minimum degree of accuracy is one part in 2500

Signed John A. Loudon 12710
 J.F.

COMPANY The Manufacturers Light And Heat Company
 ADDRESS 800 Union Trust Bldg. Pittsburgh, Pa.
 FARM J. Jones
 MAP 0-25/24 ACRES 92 LEASE NO. L-2196
 WELL (FARM) NO. 1 SERIAL NO. L-2645
 ELEVATION (SPIRIT LEVEL) 1333'
 QUADRANGLE Cameron 15'
 COUNTY Marshall DISTRICT Liberty
 POINT OF PROVEN ELEVATION U.S.G.S. B.M. D-127

FILE NO. _____ DRAWING NO. Y-25-985
 DATE March 29, 1965 SCALE 1"=400'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
 WELL LOCATION MAP
 FILE NO. MAR-477A PP
see: 051-0782-T
 + 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.
 PR 6482-383



I. F. Divinney

J. Jones
Lease R196 - 92 Ac.

Chestnut Oak Swamp

Chestnut Oak

John Burford

Swamp

S. 80° E.

106 P.

N. 88° E.

53 P.

129.8 P.

L-2645
El. 1333'

971.42'

N. 57° 03' 45" E.
480.84'

N. 5° 03' E.

Iron Pipe

Road

Cameron P.M. 7-7

N. 48° 15' E.
5.06° E.
398.91'

N. 58° 12' E.
457.82'

N. 64° 04' E.
360.59'

T. B. Clark

1.675
0.04W

Partially Plugged

Pittsburgh Coal - M.A. Hanna Co.

COAL OWNED BY All Other - State of West Virginia

- NEW LOCATION
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 QUADRANGLE Cameron 15' - SC
 COUNTY Marshall DISTRICT Liberty
 POINT OF PROVEN ELEVATION U.S.G.S. B.M. D-127

FILE NO. _____ DRAWING NO. Y-25-985
 DATE March 29, 1965 SCALE 1" = 400'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
 WELL LOCATION MAP
 FILE NO. MAR-477A-982

+ 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.

Now Gas Storage



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle Cameron

Permit No. MAR-479-PP → 782

WELL RECORD

Oil or Gas Well Storage
(KIND)

Company The Manufacturers Light & Heat Company
Address 800 Union Trust Building
Pittsburgh 19, Pennsylvania
Farm J. R. Jones Acres 92

Location (waters) Maggoty Run
Well No. 2615 Elev. 1383.00'
District Liberty County Marshall

The surface of tract is owned in fee by Guy Buzzard
R D # 2 Address Cameron, W. Va.

Mineral rights are owned by J. R. Jones Hrs.
James E. Kinsey Agt. Address 19 Church Street
Cameron, W. Va.

Drilling commenced May 4, 1965

Drilling completed May 26, 1965

Date Shot Not Shot From N/A To N/A

With N/A

Open Flow 0 /10ths Water in 1/4" Inch

0 /10ths Merc. in 0 Inch

Volume None Cu. Ft.

Rock Pressure 11 Lb. lbs. 5 Days hrs.

Oil No Oil bbls., 1st 24 hrs.

WELL ACIDIZED No

WELL FRACTURED No

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size <u>10-3/4"</u>			
16			Kind of Packer _____
13			<u>Anchor</u>
10 <u>10-3/4"</u>		<u>330'</u>	Size of <u>1/2-2017"</u>
8 1/2 <u>8-5/8"</u>		<u>1465'</u>	
6 3/4 <u>7"</u>		<u>2118'</u>	Depth set <u>2118'</u>
5 3/16			
3 <u>1/2-1/2"</u>		<u>212'</u>	Perf. top <u>2360'</u>
2 <u>2-3/8"</u>		<u>2148'</u>	Perf. bottom <u>2355'</u>
Liners Used			Perf. top <u>2175'</u>
			Perf. bottom <u>2170'</u>

CASING CEMENTED SIZE No. Ft. Date
No Casing or Tubing Cemented.

COAL WAS ENCOUNTERED AT 993 FEET 00 INCHES
993 FEET 00 INCHES 996 FEET 00 INCHES
0 FEET 0 INCHES 0 FEET 0 INCHES

RESULT AFTER TREATMENT N/A

ROCK PRESSURE AFTER TREATMENT N/A

Fresh Water N/A Feet N/A Salt Water N/A Feet N/A

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Pittsburgh Coal			993'	996'			
Murphy Sand			1100'	1115'			
Big Dunkard			1480'	1536'			
1st Salt			1795'	1852'			
Maxton Sand			1970'	2018'			
L. Lime			2090'	2098'			
Big Lime			2102'	2140'			
Big Injun			2140'	2400' (Assumed)			
Total Depth				2367'			2242' to 2260', 11% Porosity & 31% Water Saturation. 2258' to 2260', 7% Porosity & 48% Water Saturation.

The Original 10-3/4", 8-5/8" and 7" Casings were not disturbed, not cemented. First and sixth joints of the 1/2-1/2" Tubing was ~~XX~~ perforated. Well plugged back from original total depth of 2957' as follows: 2957' to 2865' Aquagel, 2865' to 2805' Cement, 2805' to 2420' Aquagel, 2420' to 2367' Cement. All plugging material was run by Well Service Inc., using the original 1/2-1/2" Tubing.

(over)

NO. 4
APPROVED BY
D. T. Cable
D. T. CABLE
GEN. SUPT.

atg

JAS. R. JONES NO. 2645 WELL.

Liberty District, Marshall County, W. Va.
By Manufacturers Light & Heat Co.
Completed March 21, 1921.
Record from Mr. Schillhahn Sept. 30, 1939.

→ 782

	Top.	Bottom.
Pittsburgh Coal	995	1003
Big Dunkard Sand	1480	1520
Salt Sand	1950	2020
Big Lime	2098	2138
Big Injun Sand	2138	2408
30-Foot? Sand	2740	2770
50-Foot Sand	2942	2957
Total depth		2957