



COAL OWNED BY Chas. E. Hackney

STORAGE...

NEW LOCATION...

DRILL DEEPER...

ABANDONMENT...

COMPANY The Manufacturers Light & Heat Co.

ADDRESS 800 Union Trust Bldg. Pittsburgh Pa.

FARM John Gittings

TRACT _____ ACRES 133 LEASE NO. 1940?

WELL (FARM) NO. 6 SERIAL NO. 4147

ELEVATION (SPIRIT LEVEL) 1231

QUADRANGLE Cameron

COUNTY Marshall DISTRICT Sandhill

ENGINEER A.C. Streator E.L.

ENGINEER'S REGISTRATION NO. _____

FILE NO. _____ DRAWING NO. Y-13-645

DATE Apr. 23, 1952 SCALE 1" = 800'

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP

FILE NO. MARS-235

+ DENOTES LOCATION OF WELL ON UNITED STATES GEOGRAPHIC 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.

6-6 22

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
W E L L R E C O R D

Storage

Gas Well
CASING & TUBING

Permit No. Mars 235

Cameron Quad.

Company

The Manf. Light & Heat Co.

Address

Farm

John Gittings A 133

Location

Well No.

4147 Elev.

District

Sandhill Marshall County

Surface

Mineral

Conductor 16	16
10	726
8 1/4	1365
5 3/16	1477

Anchor Packer
8 1/4 x 5 3/16
1356

Commenced

June 6, 1952

Completed

July 9, 1952

Open flow

18/10 M Pit. Tube 4", 2,724,000 Salt Sand 7-9-52

10/10 M " " " 2,217,600 " 7-14-52

Rock Pressure

541# 24 hrs.

Clay	0	20	Casing cemented 200,000 C.F. gas in coal
Slate	22	80	
Sand	80	95	Cemented in 10" casing June 16, with 195 bags cement
Slate & Shells	95	150	
Sand	150	170	
Slate & Lime	170	200	Run 8" casing 1342' cemented with 185 bags cement SLM 1421
Sand	203	220	
Slate	220	228	
Lime	228	270	Gas 1421 to 1433
Coal	270	273	Test at 1434' 18/10 M in 4" Pit Tube 2,724,440
Slate & Shells	273	300	
Lime	300	325	
Slate	335	345	
Lime	345	380	5 3/16 casing record (thds. off)
Slate	380	388	Perf. 10' 8"
Coal	388	391	Perf. 32' 8"
Slate	391	415	Perf. 31' 9"
Lime	415	575	Tubing 1 jt. 32' 5"
Slate	575	595	8 1/4" x 5 3/16 " Packer 3' 10"
Lime	595	660	tubing 42 jts. 1354' 9"
Slate	660	684	1466' 1"
Pittsburgh Coal	684	690	Add for thds. 11' 9"
Lime	690	740	Total 1477' 10"
Slate & Shells	740	760	
Red Rock	760	780	
Lime	780	795	
Slate & Shells	795	850	
Red Rock	850	855	
Slate	855	882	
Red Rock	882	892	
Slate & Shells	892	992	
Lime	992	1021	
Slate	1021	1028	
Sand	1028	1039	
Slate & Shells	1039	1050	
Lime	1050	1055	
Sand	1055	1060	
Lime	1060	1110	
Slate	1110	1160	
Lime	1160	1195	
Slate & Shells	1195	1225	
Lime	1225	1240	
Slate	1240	1257	
Coal	1257	1260	
Slate	1260	1277	
Lime	1277	1318	
Slate	1318	1324	
Sand	1324	1360	
Slate	1360	1420	
Sand Salt	1420	1440	
Lime	1440	1455	
Sand - Salt	1455		
T.D.		1465	SLM