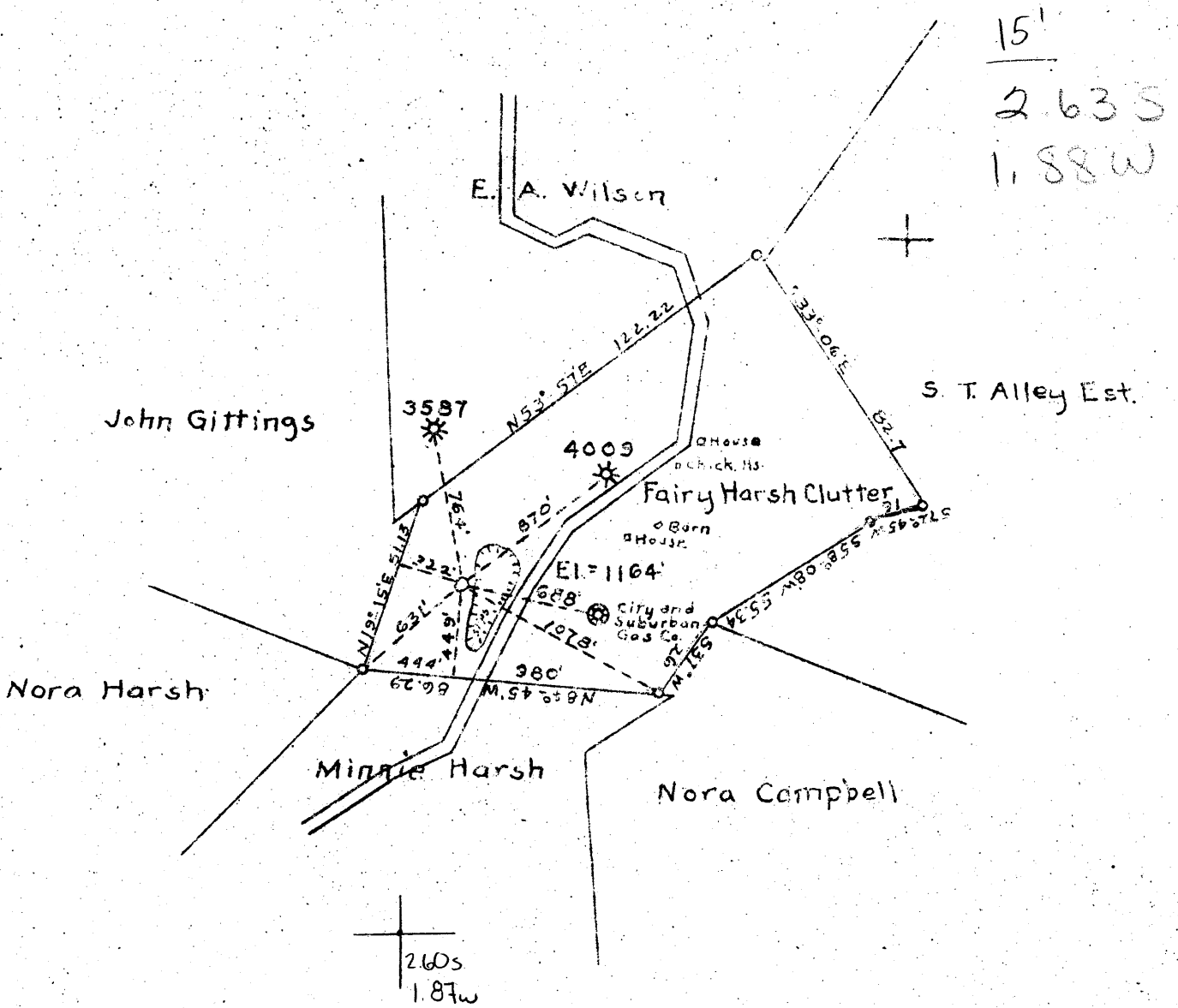


1 2 3

LATITUDE 40 00

LONGITUDE 80 30



OWNED BY *Evelyn Thompson*
 Friendship Hill Farm
 New Geneva, Pa.

WELL LOCATION
 DEEPER
 MORTGAGE

BY *The Manufacturers Light & Heat Co.*
 ADDRESS *800 Union Trust Bldg Pittsburgh Pa.*
 BY *Fairy Harsh Clutter*
 ACRES 59 LEASE NO. 19440
 WELL (FARM) NO. 3 SERIAL NO. 4027
 ELEVATION (SPIRIT LEVEL) 1164'
 COUNTY Cameron
 COUNTY Marshall DISTRICT Sandhill
 ENGINEER'S REGISTRATION NO. _____
 DATE Feb 3 1949 DRAWING NO. Y-13-162
 SCALE 1" = 800'

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

WELL LOCATION MAP

FILE NO. MARS-203

+ 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.

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

Permit No. Mars 203

Cameron Quad.

Company

Address

Farm

Well No.

District

Commenced

Completed

Volume

Rock Pressure

The Manf. Light & Heat Co.

Fairy Harsh Clutter Acres 59

4027-3 Elev.

Sand Hill Marshall County

Feb. 24, 1949

March 15, 1949

54/10 M in 2½", 1,329,000 C.F. Salt Sand

317# 48 hrs.

Gas Well
CASING & TUBING

Cond.	16	16
	10	646
	8½	1214
	4	1389
		1389
	Anchor Packer	
	8½ x 4	Depth 1346

				PRESSURE IN MINUTES					
Conductor		13							
Clay	1	13	1	5	10	30	60	24 hrs.	48hr
Sand	13	27	120	250	269	286	296	317	317
Slate	27	75							
Sand	75	100							
Slate & Shell	100	200							
✓ Coal	200	205							
Slate & Shell	205	318							
✓ Coal	318	324							
Lime	324	335							
Slate	335	340							
Lime	340	502							
Slate	502	518							
Lime	518	580							
Slate & Lime	580	604							
✓ Pittsburgh Coal	604	611							
Slate & Lime	611	625							
Slate & Shell	662	675							
Red Rock	675	740							
Red Rock	740	745							
Slate & Shells	745	751							
Lime	751	780							
Slate	780	785							
Red Rock	785	795							
Slate & Shells	795	911							
Lime	911	920							
Slate & Shell	920	955							
Sand	955	970							
Slate	970	980							
Lime	980	1005							
Slate	1005	1022							
Lime	1022	1060							
Slate & Shell	1060	1080							
Lime	1080	1090							
✓ Big Dunkard	1090	1125							
Slate & Shells	1125	1137							
Lime Gritty	1137	1190							
Slate & Shell	1190	1200							
Sand	1220	1287							
Slate & Shells	1287	1346							
Lime	1339	1349							
Break	1349	1358							
Lime	1358	1368							
✓ Sand Salt Sand	1368	1381	gas						
Total depth		1381							
Gas in coal at 604'									
S.L. measure Pitts. Coal									
Gas at 1372' - 80									
Test completed drilling 60/10 M 2½" , 1,400,957 C.F.									
4" Tubing Record									
Tubing	2'	6							
Perf.	31'	10"							
8½ x 4" Packer									
Tubing 44 jts.	1345	7"							
	1379'	11"							
Add for thds	9'	2"							
Total	1389'	1"							

285