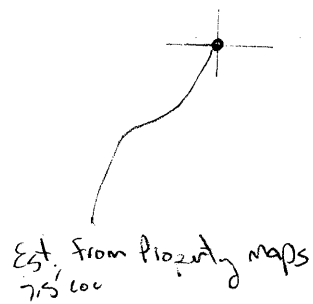


LATITUDE

39° 42' 30"



79° 57' 30"

LONGITUDE

7.5 OGIS topo location

7.5' loc	<u>0.545</u>	15' loc	<u>3.425</u>
	<u>0.41W</u>	(calc.)	<u>2.63W</u>

Company _____

Farm _____

Quad Morgantown North Morgantown

County Tyler

District Cass

WELL LOCATION MAP

File No. 061 - 9

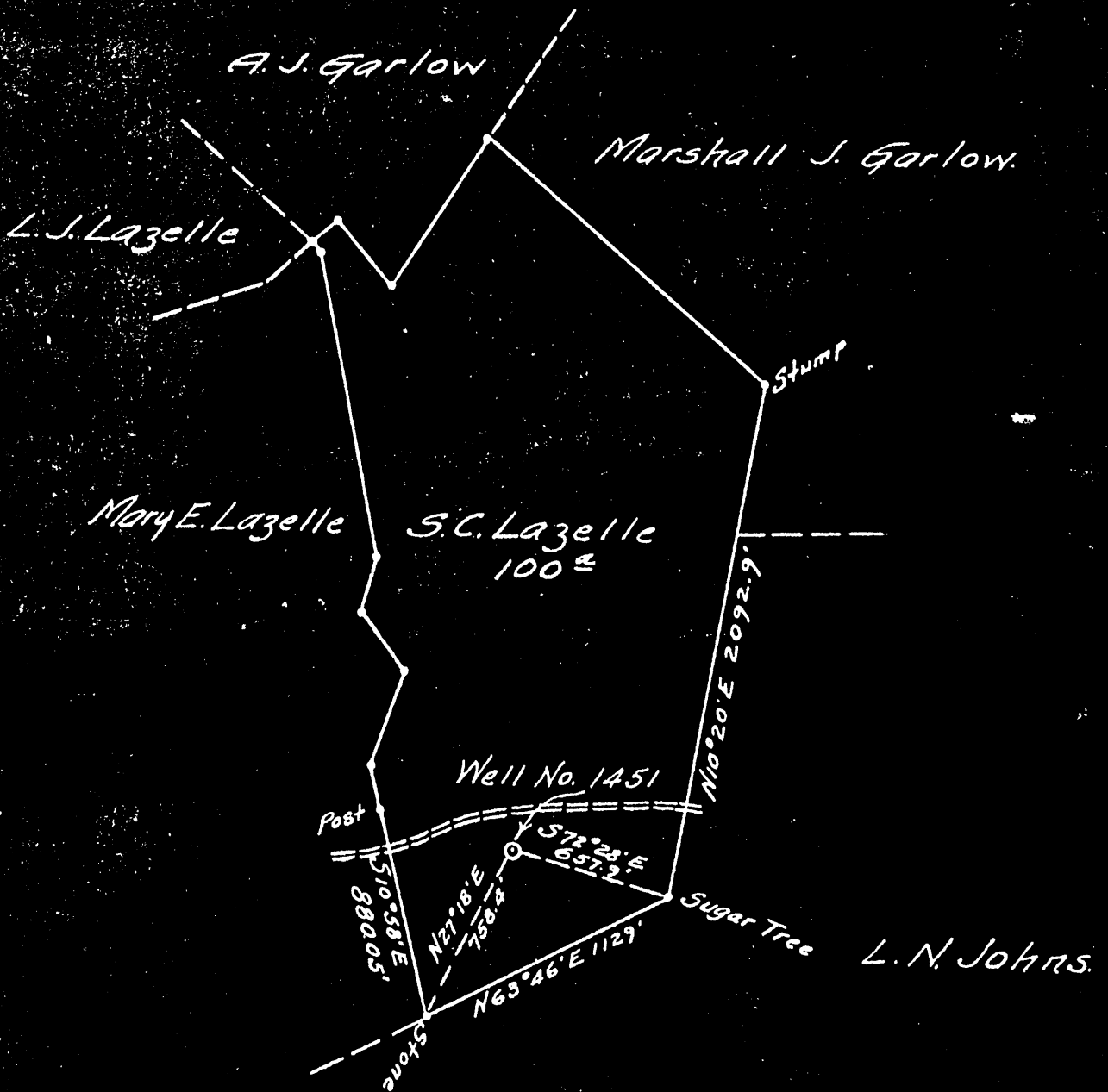
Mon-9

Mon 9

6

Plat of the Proposed Location of Well No. 1451 of the
 CARNEGIE NATURAL GAS COMPANY of Pittsburgh, Penna., on
 the S. C. Lazelle farm, consisting of 100 Acres.
 Located in Cass Dist., Monongalia County,
 West Virginia Morgantown NW Quadrangle.

7-11-29 Date 1010' Elevation 1"=40 P. Scale.
660'



I, the undersigned, hereby certify that this map is correct and shows all the information to the best of my knowledge and belief, required by the oil and gas section of the Mining Laws of West Virginia.

H. T. Hamilton Engineer.

State of Pennsylvania }
 County of Allegheny } S. S.

Acknowledged before me a Notary Public this 11th day of October 1929

HENRY T. HAMILTON, N. P.

NOTARY PUBLIC

Case District, Monongalia County, W. Va.
 By Carnegie Natural Gas Co., 962 Frick Bldg. Annex, Pittsburgh, Pa.
 On 100 acres (Lease No. 13153), surface owned by S. C. Lazzell et al.,
 Morgantown, W. Va., and mineral rights by Kellys Creek Coal Co.,
 W. A. Paisley, Cleveland, Ohio.
 Drilled under permit issued October 26, 1929.
 Elevation, 1010' B.
 1 3/8" conductor, 14'; 10" casing, 126'; 8", 876'; 6-5/8", 1241';
 2" tubing, 1977'.
 Spang anchor packer, 6-5/8 x 2, set at 1443'.
 No coal was encountered.
 Well located 20' below level of Pittsburgh Coal.
 Gas well.
 Completion reported to Dept. of Mines June 19, 1930.

	Top.	Bottom.
Murphy Sand	250	278
Little Dunkard Sand	450	475
Big Dunkard Sand	575	600
Gas Sand	690	695
1st Salt Sand (hole full water, 874')	860	930
2nd Salt Sand	943	1040
Marion Sand	1075	1110
Little Lime (broken)	1202	1214
Pencil Cave	1214	1220
Big Lime	1235	1312
Big Injun Sand (gas show at 1375'; gas at 1429' -- 8/10 water in 1") ^{30 mcf}	1312	1483
Square Sand (gas at 1535'; 10/10 water in 1") ^{33 mcf} ; gas at 1612-16', blew down to 20/10 water in 1") ^{47 mcf}	1532	1640
Gantz Sand	1680	1890
50-Ft. Sand (gas at 1903'; 28/10 water in 1"; all gas blew down to 20/10 water in 1" in 10 days) ^{47 mcf}	1903	1995
30-Ft. Sand	2022	2040
Gordon Stray Sand	2073	2098
Gordon Sand	Lime and shells	
4th Sand	2288	2310
5th Sand (break at 2355')	2340	2378
Bayard Sand	2412	2428
Elizabeth Sand	2453	2475
Hole filled up to (Red mud behind 6-5/8" casing to top hole (2578) (1977))		1977

TD?