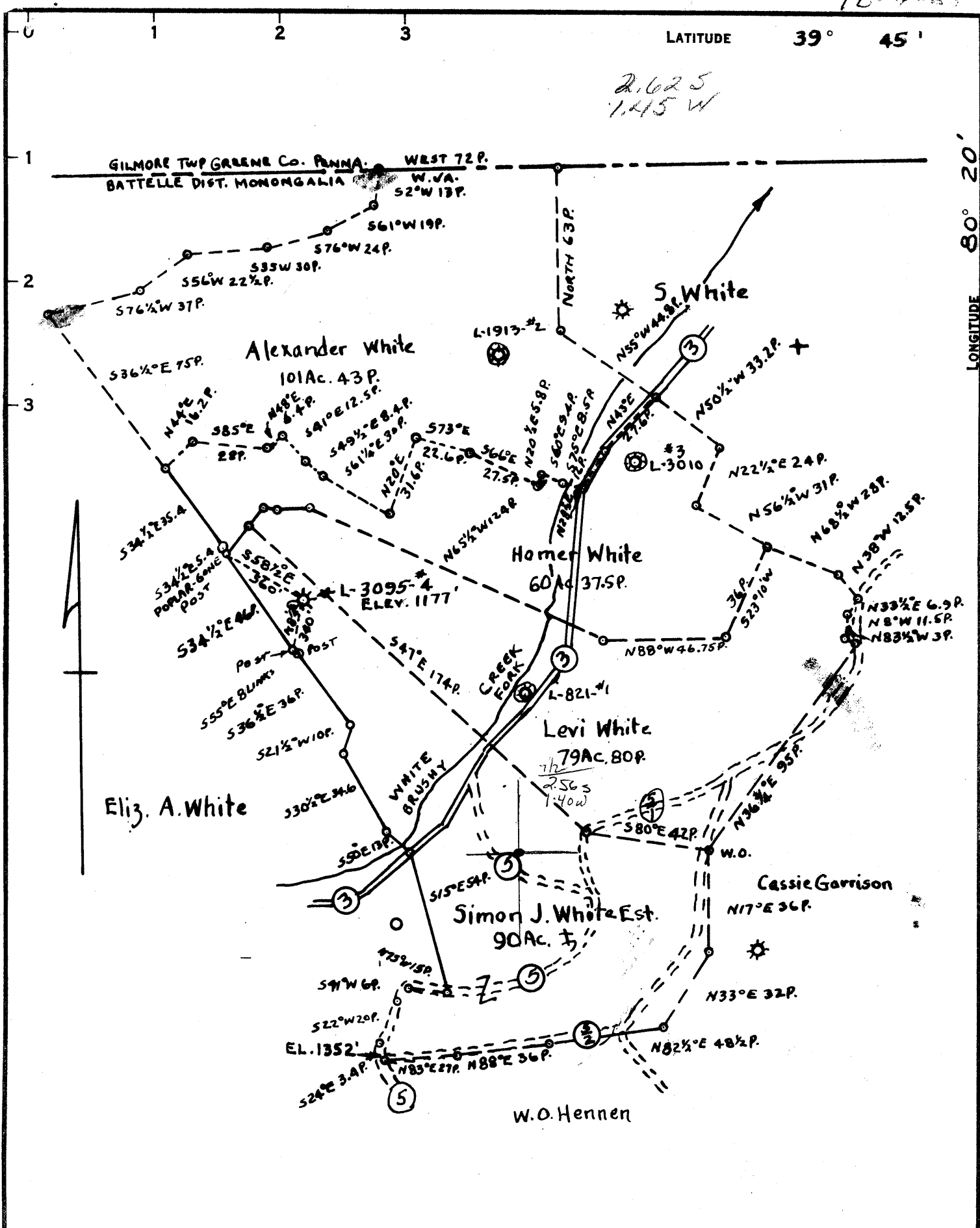


10-7-65

LATITUDE 39° 45'

LONGITUDE 80° 20'

2.625
1.415 W



COAL OWNED BY **BERNARD G. SAMPSON, 200 GASTON AVE., FAIRMONT, W. VA.**

- 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 500

Signed *Thomas E. Virgin P.E. 1503*

COMPANY	HUNDRED GAS COMPANY		
ADDRESS	HUNDRED, W. VA.		
FARM	THOMAS WHITE HEIRS		
MAP	P-26-3	ACRES	331
		LEASE NO.	2906
WELL (FARM) NO.	4	SERIAL NO.	L-3095
ELEVATION (SPIRIT LEVEL)	1177'		
QUADRANGLE	MANNINGTON - (NC)		
COUNTY	MONONGALIA	DISTRICT	BATTELLE
POINT OF PROVEN ELEVATION	ROAD JCT. W. VA. RTE. 5 AND 5/2		
ELEV. 1352'			
FILE NO.	B-3-27	DRAWING NO.	
DATE	SEPTEMBER 18, 1965	SCALE	1" = 800'

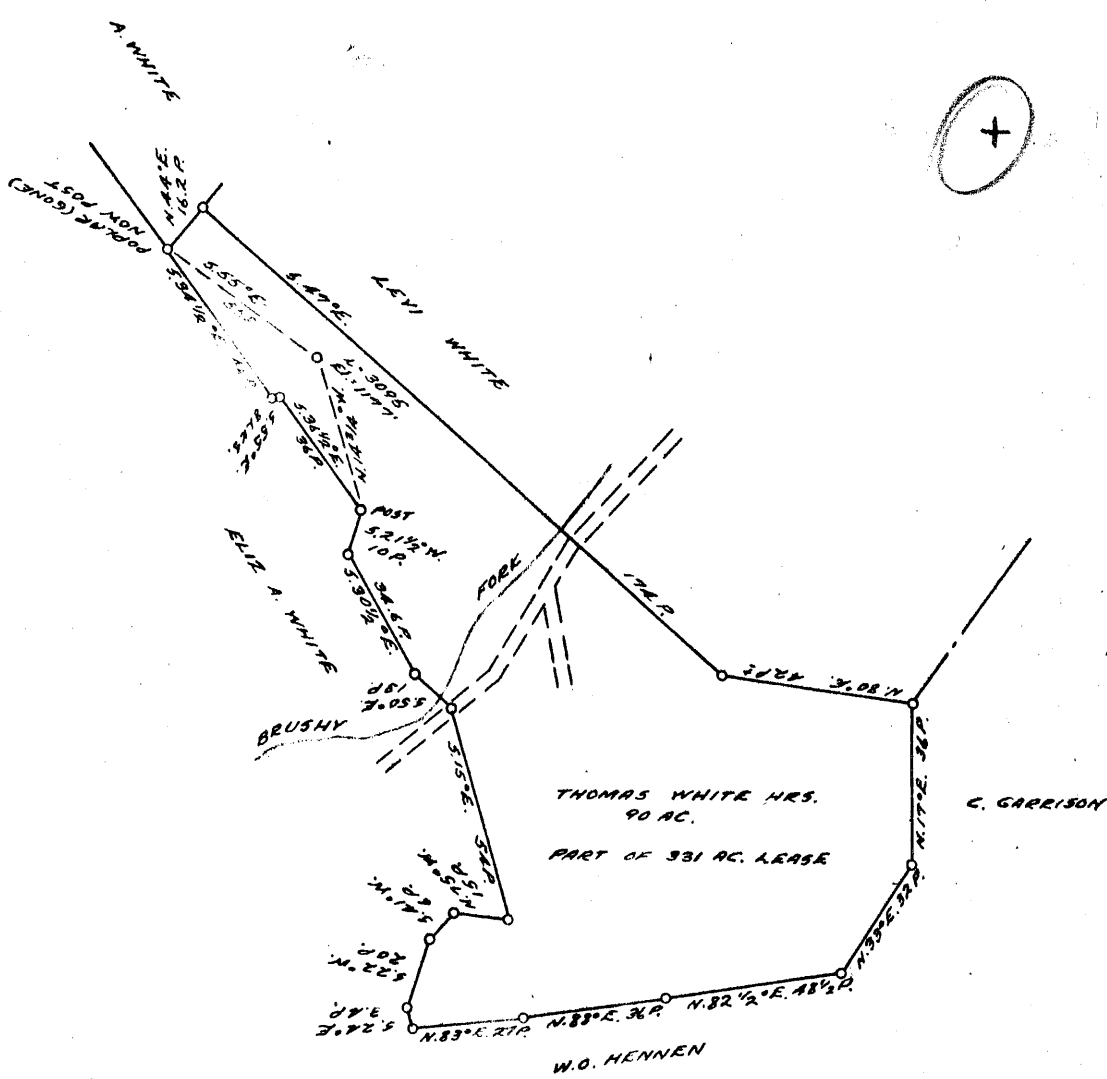
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. *MON-665-A*

+ 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.

LATITUDE 39 ° 45 ' 1

2.59 S
1.43 W

LONGITUDE 80 ° 20'



COAL OWNED BY BLUGGING.

NEW LOCATION.....

DRILL DEEPER.....

ABANDONMENT.....

✓ NOV 22 1955

1.45 W
2.6 A

COMPANY THE MANUFACTURERS LIGHT & HEAT CO.

ADDRESS 800 UNION TRUST BLDG. PGH. PENNA.

FARM THOMAS WHITE HRS.

TRACT _____ ACRES 90 (331) LEASE NO. 2906-331 AC.

WELL (FARM) NO. 1 SERIAL NO. 3095

ELEVATION (SPIRIT LEVEL) 1177'

QUADRANGLE MANNINGTON

COUNTY MORGANLIA DISTRICT BAYELLE

ENGINEER Thomas C. Virgin - J.M.

ENGINEER'S REGISTRATION NO. 1503

FILE NO. _____ DRAWING NO. Y-15-319

DATE 7 NOVEMBER 1955 SCALE 1"=800'

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

WELL LOCATION MAP

FILE NO. MON-594-A

now 665A

+ 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.

THOMAS WHITE HEIRS NO. 1 (3095) - M. L. & H. Co., - MON-594-A



658

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Quadrangle
Permit No. 594-A

Oil or Gas Well (KIND)

Company THE MANUFACTURERS LIGHT AND HEAT CO.
 Address 800 UNION TRUST BLDG., PGH., PENNA.
 Farm Thos. White Hrs. Acres 331
 Location (waters)
 Well No. 3095 Elev. 1177'
 District Battelle County Monongalia
 The surface of tract is owned in fee by
 Address
 Mineral rights are owned by
 Address
 Drilling commenced June 8, 1926
 Drilling completed July 27, 1926
 Date Shot From To
 With
 Open Flow 58/10ths Water in 2 Inch
 /10ths Merc. in Inch
 Volume 176,000 Cu. Ft.
 Rock Pressure 62 1/2 lbs. 30 hrs.
 Oil bbls., 1st 24 hrs.
 Fresh water feet feet
 Salt water feet feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
18			
10	1172		Size of <u>6-5/8 x 4</u>
8 1/4	1756' 4"	1756' 4"	Depth set <u>2140</u>
6 3/4	2120	2120	
5 3/16			
4	2226' 3"	2226' 3"	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED SIZE No. Ft. Date

COAL WAS ENCOUNTERED AT 580 FEET INCHES

825 FEET INCHES 900 FEET INCHES

 FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Clay			5	25			Well tubed with 4" tubing. 57' 11" of anchor under packer. 1.4" x 24" nipple on top of packer.
Sand			150	160			
Red Rock			225	235			
Buff Sand			545	580			
Fairview Coal			580	587			
Red Rock			650	660			
Red Rock			680	690			
Mapletown Coal			825	832			
Pittsburgh Coal			900	903			
Sand			910	920			
Red Rock			1000	1020			
Red Rock			1050	1090			
Murry Sand			1100	1120			
Red Rock			1135	1150			
Red Rock			1180	1220			
Little Dunbar			1300	1325			
Gas Sand			1600	1680			
1st Salt Sand			1730	1850			
Maxon Sand			1950	1980			
Little Line			2070	2085			
Pencil Cave			2085	2095			
Big Line			2095	2165			
Big Injun Sand			2165	2198			
Total depth			2198				

SEP 1927
RECEIVED
WEST VIRGINIA
DEPT. OF MINES

NOV 1927
RECEIVED
WEST VIRGINIA
DEPT. OF MINES

3. bailer water at 902

Water at 1810 bailer per Hr

~ 321 Mo
Gas at 2172-2
Test. 58/10
Water in 2" or
ing

DRILL DEPPER

Drilling Commenced September 14, 1927 - Drilling Completed October 6, 1927
 Rock Pressure 350 in 1 Hr. 385,000 cu. ft. Packer 6-5/8 x 4" set at 3077'
 Casing left in well 8 1/4--1753' 8" 6-5/8--2120' 0" 4"--3252' 1"

DEC 6 1927

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Big Injun Sand			2165	2410	Commenced drilling deeper at 2198'		Gas at 2884 to 2893, 6/10 water 2"
Fifty Foot Sand			2871	2925			
Thirty Foot Sand			2932	2972			403 mcs
Gordon Stray Sand			3010	3037			
Gordon Sand			3060	3112			133 mcs
Fourth Sand			3145	3168	Gas at 3150 to 3155 10/10		Water 2"
Fifth Sand			3189		Gas at 3194 to 3198 22/10		Mercury 2"
Total Depth			3204				730 mcs

Date November 8, 1955

APPROVED THE MANUFACTURERS LIGHT & HEAT CO., Owner

By Walter A. Quinn
 (Title)
 ASSISTANT LAND AGENT