

NOTE: Well ties are 1970 magnetic.

1/3 KERMIT MASON - MORGANTOWN
2/3 C.W. CRAIG - KINGWOOD

COAL OWNED BY

- 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 200

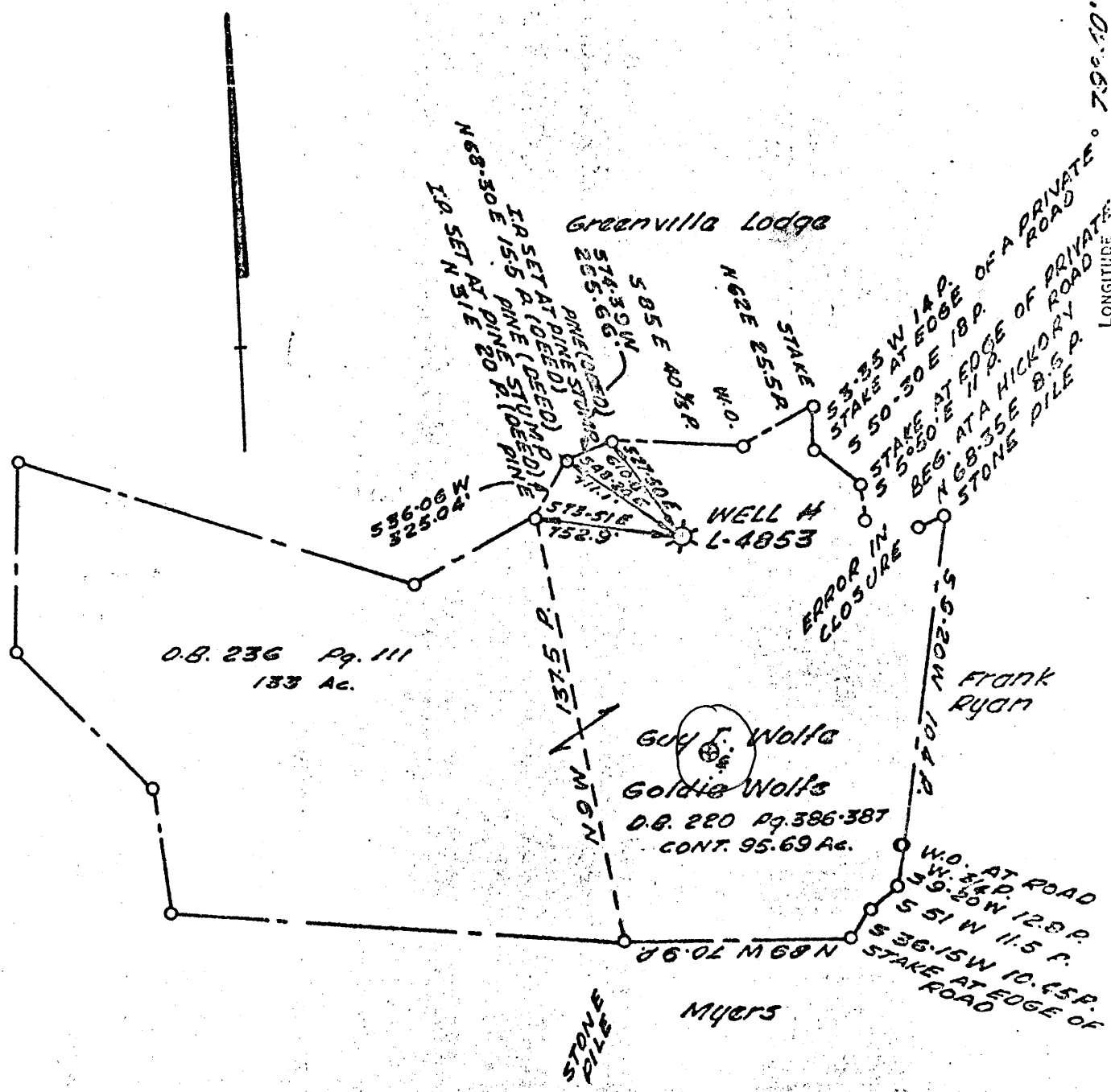
Signed John D. Cole 16236-E
P.A.

COMPANY THE MANUFACTURERS LIGHT & HEAT CO.
 ADDRESS 800 UNION TRUST BLDG. PITTSBURGH PA.
 FARM GUY & GOLDIE WOLFE
 MAP P-29-17 ACRES 228 LEASE NO. 30423
 WELL (FARM) NO. 1 SERIAL NO. L-4853
 ELEVATION (SPIRIT LEVEL) 1794.7
 QUADRANGLE BRUCEYTON MILLS NW
 COUNTY PRESTON DISTRICT GRANT
 POINT OF PROVEN ELEVATION U.S.G.S. BENCH MARK AT HOPEWELL CHURCH
 FILE NO. _____ DRAWING NO. Y-28-774
 DATE SEPT. 28, 1970 SCALE 1" = 800'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
 WELL LOCATION MAP
 FILE NO. PRES-153

1-0 WCD 0

OCT 24 1970



NOTE: Well ties are 1970 magnetic.

5.51-S
2.61-W

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2/3 C.W. CRAIG - KINGWOOD

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COMPANY THE MANUFACTURERS LIGHT & HEAT CO.
 ADDRESS 800 UNION TRUST BLDG. PITTSBURGH PA.
 FARM GUY & GOLDIE WOLFE
 MAP P-29-17 ACRES 220 LEASE NO. 30423
 WELL (FARM) NO. 1 SERIAL NO. L-4853
 ELEVATION (SPIRIT LEVEL) 1794.7
 QUADRANGLE BRUCETON MILLS NW
 COUNTY PRESTON GRANT
 POINT OF PROVEN ELEVATION U.S. GEO. SURV. MARKS AT HOPEWELL CHURCH
 FILE NO. _____ DRAWING NO. Y-28-774
 DATE SEPT 28, 1970 SCALE 1"=800'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
 WELL LOCATION MAP
 FILE NO. PRE-153-P

1 DENOTES LOCATION OF WELL ON UNION STATE PROPERTY
 MAPS, SCALE 1 TO 8000 LENGTH AND ELEVATION DATA
 BEING REPRESENTED BY BORDER LINES AS SHOWN
 --- DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING



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

Rotary
Spudder
Cable Tools
Storage

Fig. 5. 11

Quadrangle **Bruceton Mills**

WELL RECORD

Oil or Gas Well **DRY** HO
(KIND)

Permit No. **PRES-153**

Company	Casing and Tubing	Used in Drilling	Left in Well	Packers
The Manufacturers Light & Heat Company	Size			Kind of Packer
800 Union Trust Building, Pittsburgh, Pa.	16			Size of
Farm Guy I. & Goldie Wolfe Acres 228	13	17'	17'	Depth set
Location (waters)	10			Perf. top
Well No L-1853 Elev.	8 5/8"	809'	809'	Perf. bottom
District Grant County Preston	6 3/4			Perf. top
The surface of tract is owned in fee by Guy I. & Goldie Wolfe	5 3/16			Perf. bottom
Mineral rights are owned by Guy I. & Goldie Wolfe	4 1/2			
Drilling commenced October 22, 1970	3			
Drilling completed October 26, 1970	2			
Date Shot From To	Liners Used			

Attach copy of cementing record.

CASING CEMENTED SIZE No. Ft. Da

Amount of cement used (bags)

Name of Service Co.

COAL WAS ENCOUNTERED AT 69 FEET 36 INCHES

FEET INCHES FEET INCHES

FEET INCHES FEET INCHES

WELL FRACTURED (DETAILS)

RESULT AFTER TREATMENT (Initial open Flow or bbls.)

ROCK PRESSURE AFTER TREATMENT HOURS

Fresh Water @ 73' Feet Salt Water Feet

Producing Sand None - Dry Hole Depth

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sand & Shale			0	69			
Coal			69	72			
Sand & Shale			72	394			
Sand			394	425			
Shale & Red Rock			425	644			
Sand & Shale			644	711			
Red Rock & Shale			711	777			
Big Lime			777	836			
Injun Sand			836	865			
Sand & Shale			865	890			
Sand			890	1025			
Sand & Shale			1025	2172			
Sand			2172	2185			
Shale			2185	2262			
Sand & Shale			2262	2875			
Sand			2875	2992			
Sand & Shale			2992	3771 Total Depth			

Benson

RECEIVED
OCT 28 1970

(over)

NOV 13 1970