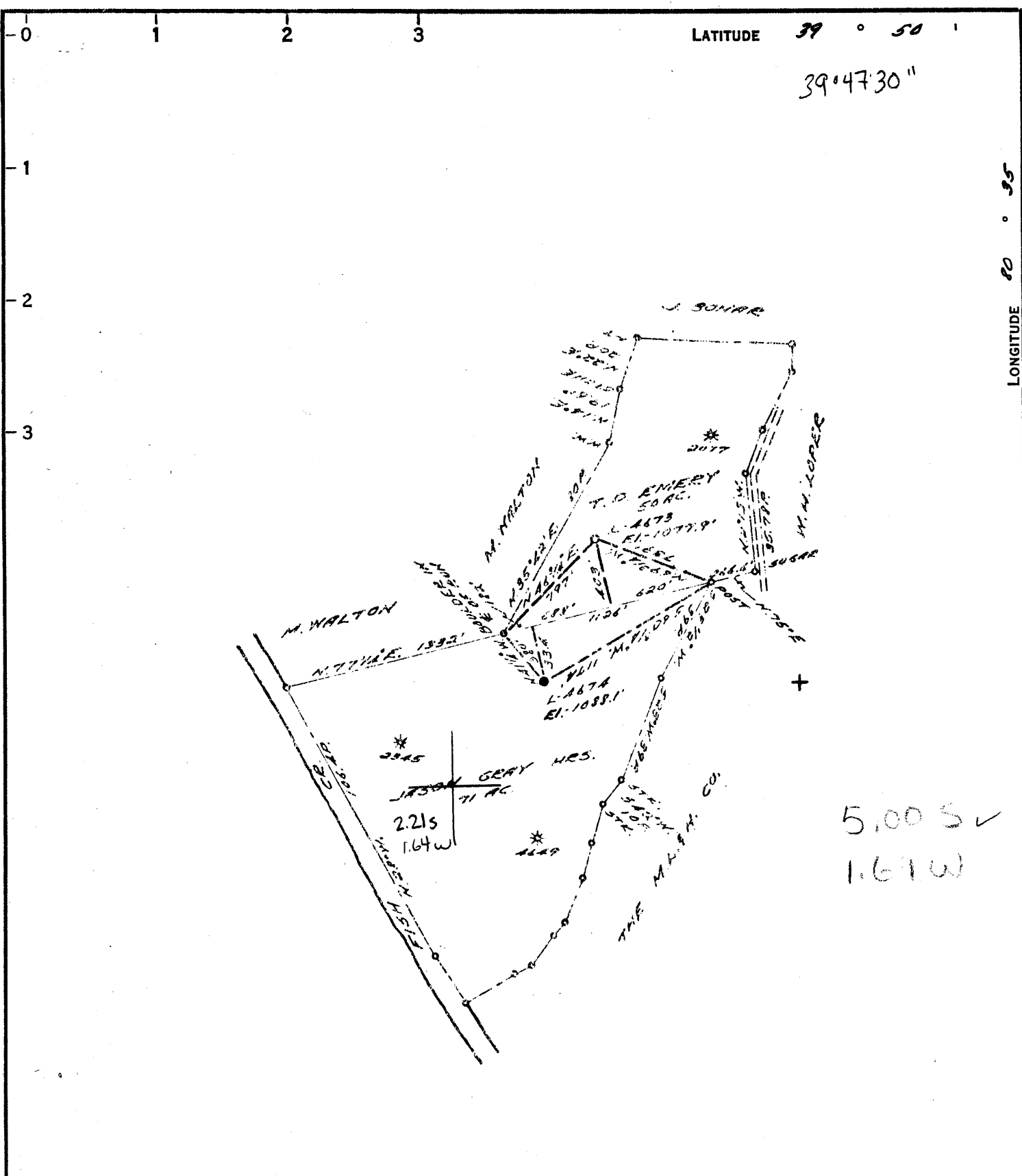


M



COAL OWNED BY _____

NEW LOCATION FOR STORAGE
 DRILL DEEPER
 ABANDONMENT

0-25-28

COMPANY THE MANUFACTURERS LIGHT & HEAT
 ADDRESS 800 UNION TRUST BLDG., PGM. PA.
 FARM JASON GRAY
 TRACT _____ ACRES 71 LEASE No. 2262
 WELL (FARM) No. 3 SERIAL No. 4674
 ELEVATION (SPIRIT LEVEL) 1088.1'
 QUADRANGLE CAMERON 5C
 COUNTY MARSHALL DISTRICT LIBERTY
 ENGINEER Robert M. Neill
 ENGINEER'S REGISTRATION No. 361 E (J.F.)
 FILE No. _____ DRAWING No. Y-25-500
 DATE 12 MAR. 62 SCALE 1" = 800'

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

WELL LOCATION MAP

FILE No. MARS-436

+ 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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Cameron

Permit No. MARS-436

WELL RECORD

Oil or Gas Well GAS
(KIND)

Company The Mfrs. Lt. and Ht. Co.
Address 800 Union Trust Bldg., Pittsburgh 19, Pa.
Farm Jason Gray Acres 71
Location (waters) _____
Well No. L-4674 Elev. 1088.1'
District Liberty County Marshall

The surface of tract is owned in fee by _____
Address _____

Mineral rights are owned by _____
Address _____

Drilling commenced May 9, 1962

Drilling completed May 24, 1962

Date Shot 5/24/62 From Maxton To Big Injun
With Pitot Tube

Open Flow /10ths Water in _____ Inch
21.2/10ths Merc. in 4-1/2 Inch

Volume 12,882,000 Cu. Ft.

Rock Pressure 510 lbs. 24 hrs.

Oil _____ bbls., 1st 24 hrs.

Fresh water _____ feet

Salt water _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
18 3/8"	34'	34'	
10			Size of
8 5/8"	779'	779'	
6 3/4"			Depth set
5 1/2"	1896'	1896'	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT 746 FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	THICKNESS	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
✓ Pittsburgh Coal		7	746	753			
✓ Murphy Sand		9	836	845			
✓ Big Dunkard		26	1247	1273			
✓ 1st Salt Sand		8	1560	1568			
✓ 2nd Salt Sand		27	1680	1707			
✓ Maxton Sand		42	1758	1800			
✓ Big Lime		31	1844	1875			
✓ Big Injun Sand		148	1880	2028			
5-1/2" Formation Packer					Not drilled through		
Shoe set @				1898'			
Total Depth				2034'			

Max. depth logged by Schlumberger Well Survey Corp., 2028'

