

THE MANUFACTURERS LIGHT AND HEAT COMPANY
COMPANY

Location for Well No. L-4568 Budget No. 1052 RE Drilled Gas
 Drilled Deeper for Storage
 Reconditioned

Lease No. 19447 for 300 Acres, Washington District

Well No. 11 on farm of May Elder Bounded on the North by

J. W. Church and A. C. Cain; on the East by J. E. & Emma Crow & Harry Crow; on the South

by Harry Crow, H. Koontz; and on the West by H. Sammons, E. and C. Hartley

in Webster District Marshall County W. Va. State

Location Made 10-13 19 58 Field Book 937 Page 14 Scale 1" equals 800 feet

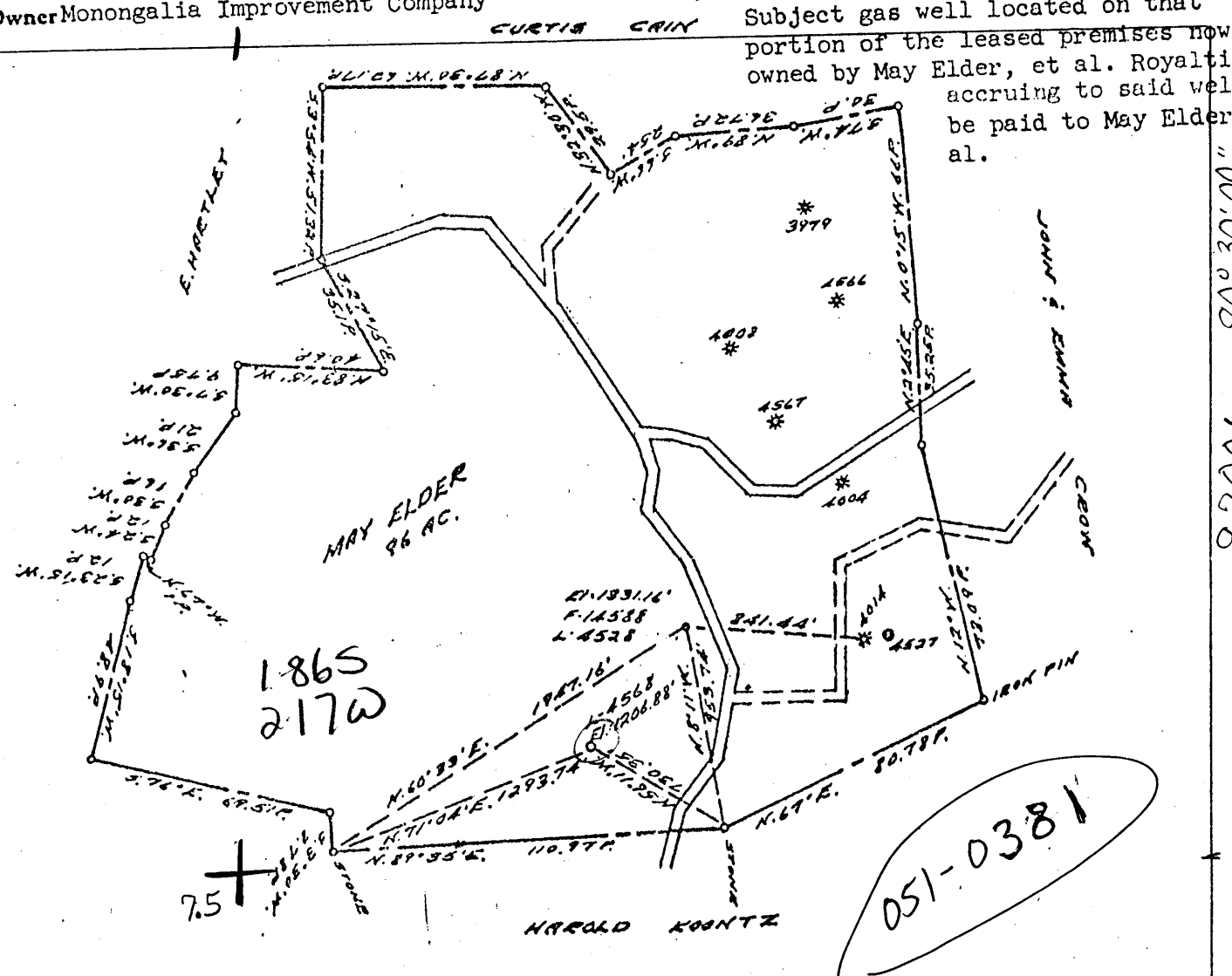
Reservation 200' Signed A. C. Streator Engineer

Storage Privilege Yes No
 Royalty \$200.00 Annually, payable \$50.00 Quarterly

Right to Drill Thru Coal Yes No
 Coal Owner Monongalia Improvement Company

R. S. Bauman
 Div. Supt. or Field Rep.
 Y-25-159
 0-25-10

11,500'
39°57'30"
 Subject gas well located on that portion of the leased premises now owned by May Elder, et al. Royalties accruing to said well be paid to May Elder, et al.



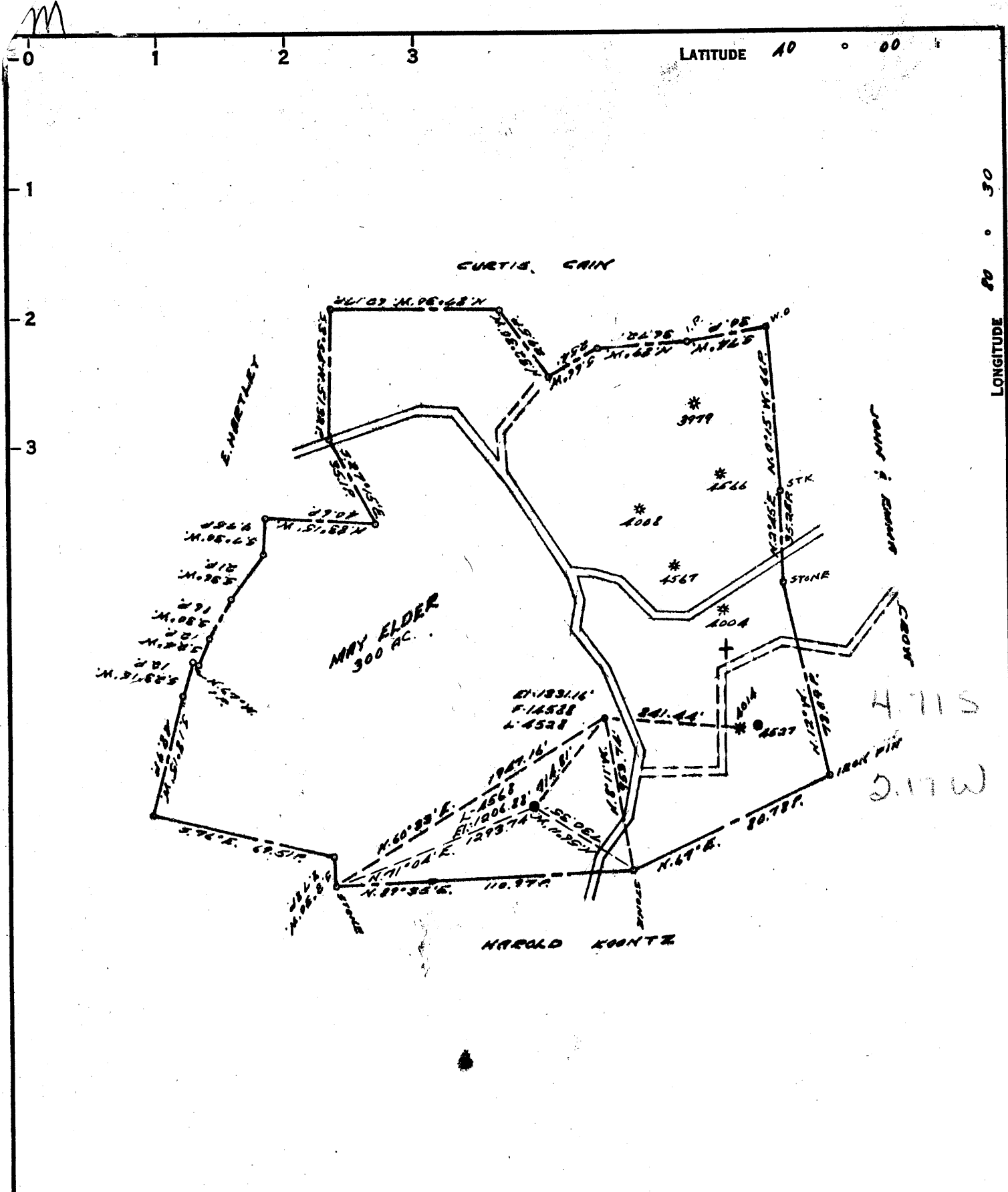
Abandoned well to be redrilled and reconditioned for storage purposes on WO 1052-L-2110

Pittsburgh, Pa., _____ 19____

R. S. Bauman Division Superintendent
Washington

You are hereby authorized to commence work on above well at once.
 All charges for labor and material incident to above well must be charged to this Well No. L-4568
 and when work is completed, report must be filled out on Final Report of Material Form P-923
 Pittsburgh Office. Retain one copy of this order for your files.

[Signature]
 Superintendent of Production



COAL OWNED BY _____
 RECONDITION _____
 NEW LOCATION.....
 DRILL DEEPER.....
 ABANDONMENT.....

0-25-10

COMPANY THE MANUFACTURERS LIGHT & HEAT
 ADDRESS 800 UNION TRUST BLDG. PGH. PA.
 FARM MAY ELDER
 TRACT _____ ACRES 300 LEASE No. 19447
 WELL (FARM) No. 11 SERIAL No. 4568
 ELEVATION (SPIRIT LEVEL) 1206.88'
 QUADRANGLE CAMERON-NE
 COUNTY MARSHALL DISTRICT WEBSTER
 ENGINEER A. C. Streaton M
 ENGINEER'S REGISTRATION No. 9442
 FILE No. _____ DRAWING No. Y-25-159
 DATE 26 APR. 1960 SCALE 1" = 800'

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

WELL LOCATION MAP

FILE No. MARS-381-R

+ 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.

Too crowded to plot

9-0 22



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Cameron

WELL RECORD

DRY

Permit No. MARS-381-R-F

Oil or Gas Well DRY
(KIND)

Company The Manufacturers Lt. and Ht. Co.
Address 800 Union Trust Bldg., Pittsburgh 19, Pa.
Farm May Elder Acres 300

Location (waters)
Well No. L-4568 Elev. 1206.88'
District Webster County Marshall

The surface of tract is owned in fee by
Address

Mineral rights are owned by
Address

Redrilling commenced June 9, 1960 Red. completed May 10, 1961
Plugging completed October 13, 1961

Date Shot - From - To -

With

Open Flow - /10ths Water in - Inch

- /10ths Merc. in - Inch

Volume - Cu. Ft.

Rock Pressure - lbs. - hrs.

Oil - bbls., 1st 24 hrs.

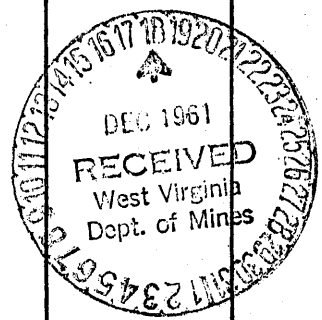
Fresh water - feet - feet

Salt water - feet - feet

| Casing and Tubing | Used in Drilling | Left in Well | Packers |
|-------------------|------------------|--------------|----------------|
| Size | | | |
| 16 | | | Kind of Packer |
| 18 3/8" | 160'3" | 160'3" | |
| 10 3/4" | - | - | Size of |
| 8 5/8" | 905'10" | 1135' | |
| 6" | | | Depth set |
| 5 3/16" | | | |
| 3" | | | Perf. top |
| 2" | | | Perf. bottom |
| Liners Used | | | Perf. top |
| | | | Perf. bottom |

| CASING CEMENTED | SIZE | No. Ft. | Date |
|-------------------------------------------------------|------|---------|------|
| COAL WAS ENCOUNTERED AT <u>665</u> FEET <u>INCHES</u> | | | |
| | | | |
| | | | |
| | | | |

| Formation | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|----------------------------------------------------------------------|-------|--------------|------|--------|------------------------------------------------------------------------------------------------------|-------------|---------|
| ✓Pittsburgh Coal | | | 665 | 670 | Determined by correlation and Record of Well # + on B. B. Elder drilled 9/11/08 to a depth of 1415'. | | |
| 1st Salt Sand | | | 1407 | 1415 | | | |
| Redrilled to Original depth of 1415' and plugged as follows: | | | | | | | |
| Natural Fill | | | 1235 | 1415 | | | |
| Neat Cement | | | 700 | 1235 | | | |
| The 8 5/8" Casing is being used as the vent thru workable Coal Seam. | | | | | | | |
| 8 5/8" Casing - 905 10" (new) Screwed on and Cemented to Surface | | | | | | | |
| Bottom of Original 8" Casing - 1135' | | | | | | | |



State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

Well Operator's Report of Well Work

Farm name: ELDER, MARY Operator Well No.: L-4568

LOCATION: Elevation: 1,206.88 Quadrangle: CAMERON

District: WEBSTER County: MARSHALL
Latitude: 9700 Feet South of 39 Deg. 57Min. 30 Sec.
Longitude 11500 Feet West of 80 Deg. 30 Min. 0 Sec.

Company: COLUMBIA GAS TRANSMISSION
P.O. BOX 1273
CHARLESTON, WV 25325-1273

| | | | |
|-----------------|------------------|--------------|------------------------|
| Casing & Tubing | Used in Drilling | Left in Well | Cement Fill Up Cu. Ft. |
| Size | | | |

Agent: RICHARD L. COTY

Inspector: RANDAL MICK
Permit Issued: 06/09/61

Well work Commenced:

Well wo

Verbal

Permiss

Rotary

Total D

Fresh w

Salt wa

Is coal

Coal De

OPEN FL

Pr

Ga

St

Se

Ga

St

CSO FARM Mau Elder **NO. 11-381-R** **COMPANY** Manufacturers L&H **NO. 4568**

TWP. Webster **COUNTY** Marshall **STATE** WVA **MAP** Cameron NE

COM. DR. 10-13-61 **COMP. DR.** 10-13-61 **ABD.** 10-13-61 **ELEV.** 1206.88

INIT. VOL. Dry hole **INIT. R. P.** 1415 **FIN. VOL.** Dry hole **T. D.** 1415

| PIPE SIZE | FEET LEFT IN | PACKER SIZE | SHOT VOL. A.S. | QTS. @ | VOL. B.S. | TYPE | SET @ |
|-----------|--------------|-------------|----------------|--------|-----------|------|-------|
| | | | | | | | |

| DATE | DEPTH | STATUS | DATE | DEPTH | STATUS | AUTHORITY |
|-------|-------|------------------------------------|-------|-------|---------------------|---------------------------------------|
| 5-11 | 1415 | Redrill abandoned well | 5-11 | 1415 | To plug | Completion slip |
| 5-18 | | for Majorville Storage | 5-18 | | Await plug permit | LEASE NO. 19447 ACS. 300 |
| 6-1 | 1415 | SD to plug | 6-1 | 1415 | SD to plug | CONTRACT NO. |
| 6-15 | | Rim hole | 6-15 | | on bottom | MINUTE PRESSURE TEST |
| 7-6 | 1415 | " | 7-6 | 1415 | CO & SD | 1 2 3 4 5 10 15 20 30 |
| 10-12 | 1250 | Run Schlumberger fish oil & csing. | 10-12 | 1250 | CO | |
| 10-13 | 0 | " | 10-13 | 0 | Plug back Completed | REMARKS |
| 10-13 | 1180 | " | | | | Redrilled to 1415' (into 1 3/4" Salt) |
| 1-5 | 975 | Run 8" mandvell | | | | Plugged & abandoned. |
| 1-12 | 119.3 | fish 5" Ebng | | | | |
| 2-9 | 117 | Dry iron | | | | |
| 2-23 | 118.5 | CO on iron | | | | |
| 3-25 | 128.6 | Dry iron | | | | |
| 4-13 | 130 | CO fish 5" | | | | |
| 5-4 | 130 | " " " | | | | |

This card information was condensed from 2 original drilling progress cards information

NOTE: O
INTERVA

LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: COLUMBIA GAS TRANSMISSION CORP.

By: _____
Date: _____

bl/d
ours
ours
ours
ours

ATED
WELL

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
SECTION OF OIL AND GAS

WELL WORK PERMIT

This permit, issued to COLUMBIA GAS TRANSMISSION CORP. is evidence of permission granted to perform the specified well work at the location described on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the _____ pages attached hereto. Notification shall be given to the Oil and Gas Inspector RANDAL MICK at 304-986-3324 prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be reported to 1-800-654-3312.

Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and in addition may result in civil and/or criminal penalties.

Well work to be conducted under this permit shall be commenced within two (2) years from date of issue.

Theodore M. Streit
Chief

By: T.M. Streit

Title: _____

Operator's Well No: L-4568

Farm Name: ELDER, MARY

API Well Number : 47- 51-00381 T

Date Issued : 06/09/61

Expires two (2) years from issue date.

Plugged
10/13/61