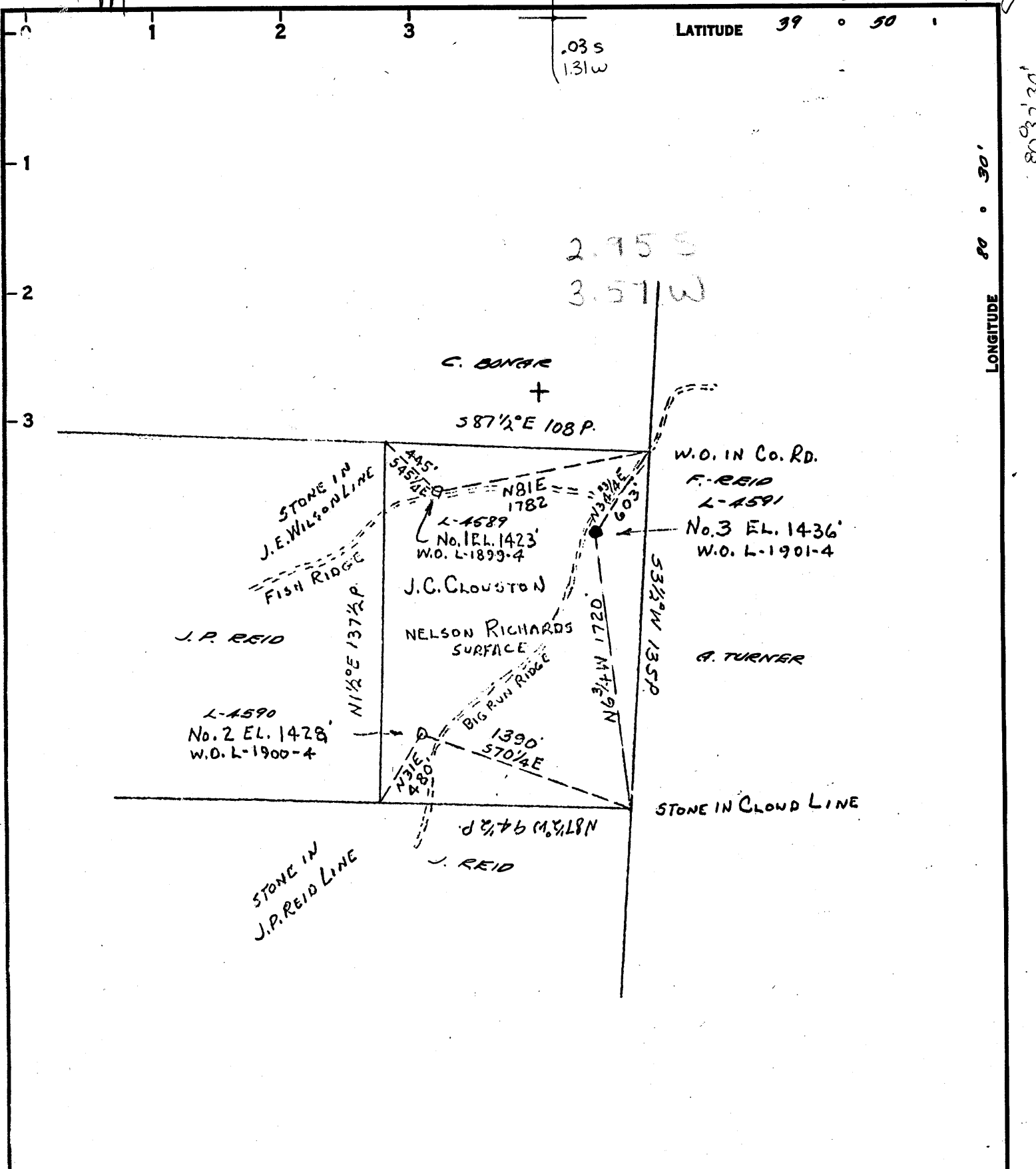


39 4730

LATITUDE 39 ° 50

.03 S
1.31 W

LONGITUDE 80 ° 30'
80° 32' 30"



COAL OWNED BY REDRILL & RECONDITION

NEW LOCATION.....

DRILL DEEPER.....

ABANDONMENT.....

0-25-24 & 29

COMPANY THE MANUFACTURERS LIGHT & HEAT

ADDRESS 800 UNION TRUST BLDG. PGH. PA.

FARM J. C. CLOUSTON

TRACT _____ ACRES 86 LEASE NO. 30513

WELL (FARM) No. 3 SERIAL No. 4591

ELEVATION (SPIRIT LEVEL) 1436

QUADRANGLE CAMERON SE

COUNTY MARSHALL DISTRICT LIBERTY

ENGINEER Thomas E. Virgin Jr.

ENGINEER'S REGISTRATION No. 1509

FILE No. _____ DRAWING No. Y-25-21A

DATE 17 AUG. 1960 SCALE 1" = 800'

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

WELL LOCATION MAP

FILE No. MARS-398-B

Storage

+ 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 CAMRON

Permit No. MARS-398-R

WELL RECORD

STORAGE

Oil or Gas Well Gas
(KIND)

Company The Manufacturers Light and Heat Company
Address 800 Union Trust Building, Pittsburgh, Pa.
Farm James Clouston Acres 86
Location (waters) _____
Well No. L-4591 Elev. 1436'
District Liberty County Marshall
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced August 12, 1960
Drilling completed October 8, 1960
Date Shot 10/11/60 From 2198 Big Injun To 2480
With _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10 3/4"	191'	191'	Size of
8 5/8"	1314'	1314'	
6 7/8"	2198'	2198'	Depth set
5 3/16"			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure 10 lbs. 48 hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet
Salt water _____ feet

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 1079 FEET _____ INCHES
_____ FEET _____ INCHES
_____ FEET _____ INCHES

Formation	Color	Thick/Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
✓Pittsburgh Coal		5	1079	1084			
✓Lower Maxton Sand		4	2186	2190			
✓Big Lime			2194				
✓Big Injun Sand				2494			
Set 7" Casing at Plug Back to				2198 2480	2194 1436 758		

