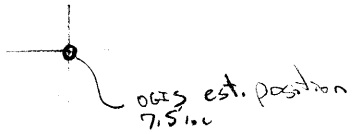


LATITUDE 39° 47' 30"



LONGITUDE 80° 32' 30"

7.5 OGIS topo location

7.5' loc 0.59 S 15' loc 3.02 S  
2.09 W (calc.) 7.20 W

Company Guy Bt A.G. Patterson

Farm J.W. Quigley Heirs

Quad <sup>25'</sup> Cameron Cameron SE

County Marshall

District Liberty

WELL LOCATION MAP

File No. 051-36

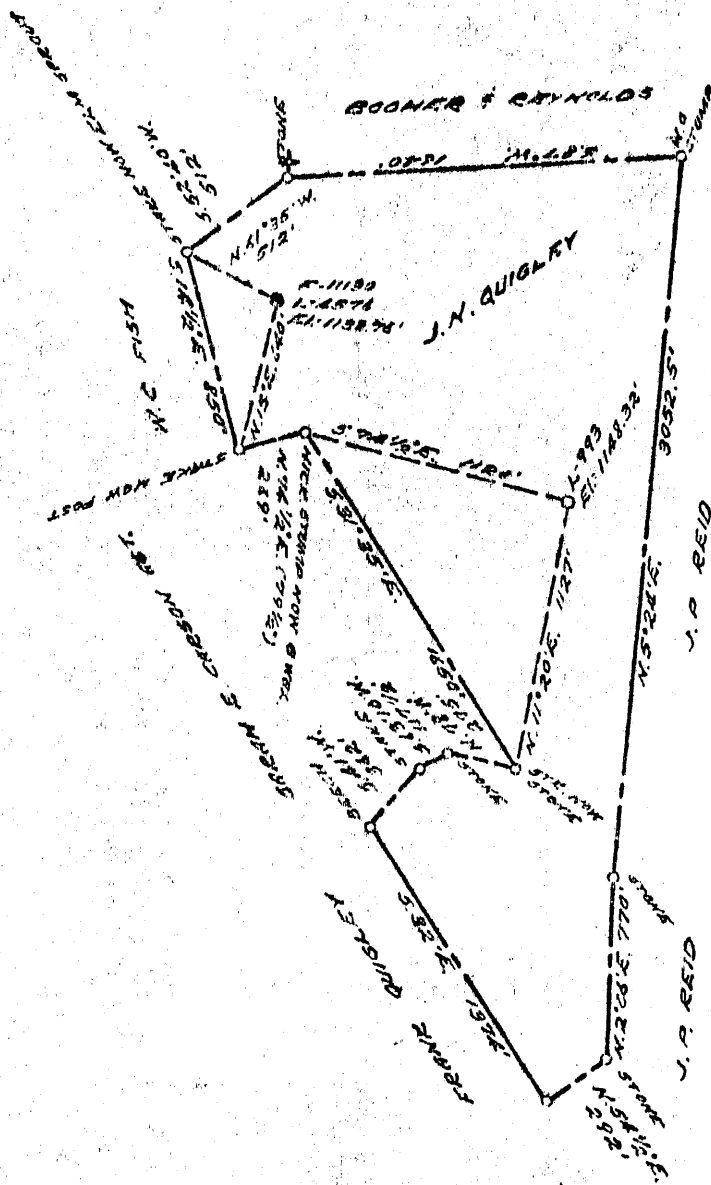
Now 391)

(025) (024)  
(024)

b6

LATITUDE 39 0 50 1

LONGITUDE 80 0 30 1



COAL OWNED BY RECONSTRUCTION

NEW LOCATION

DRILL DEEPER

ABANDONMENT  Issued 2-25-70

0-25-29

COMPANY THE MANUFACTURERS LIGHT & HEAT CO.

ADDRESS 200 UNION TRUST BLDG. 26th. PH.

FARM J.N. QUIBLET

TRACT 118 ACRES LEASE No. 24952

WELL (FARM) No. 2 SERIAL No. 4574

ELEVATION (SPIRIT LEVEL) 1138.76'

QUADRANGLE CHAMBERON SEE

COUNTY MARSHALL DISTRICT LIBERTY

ENGINEER Robert McMillan

ENGINEER'S REGISTRATION No. 3415 (N.P.)

FILE No. 125-175 DRAWING No. 125-175

DATE 2-25-70 SCALE AS SHOWN

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

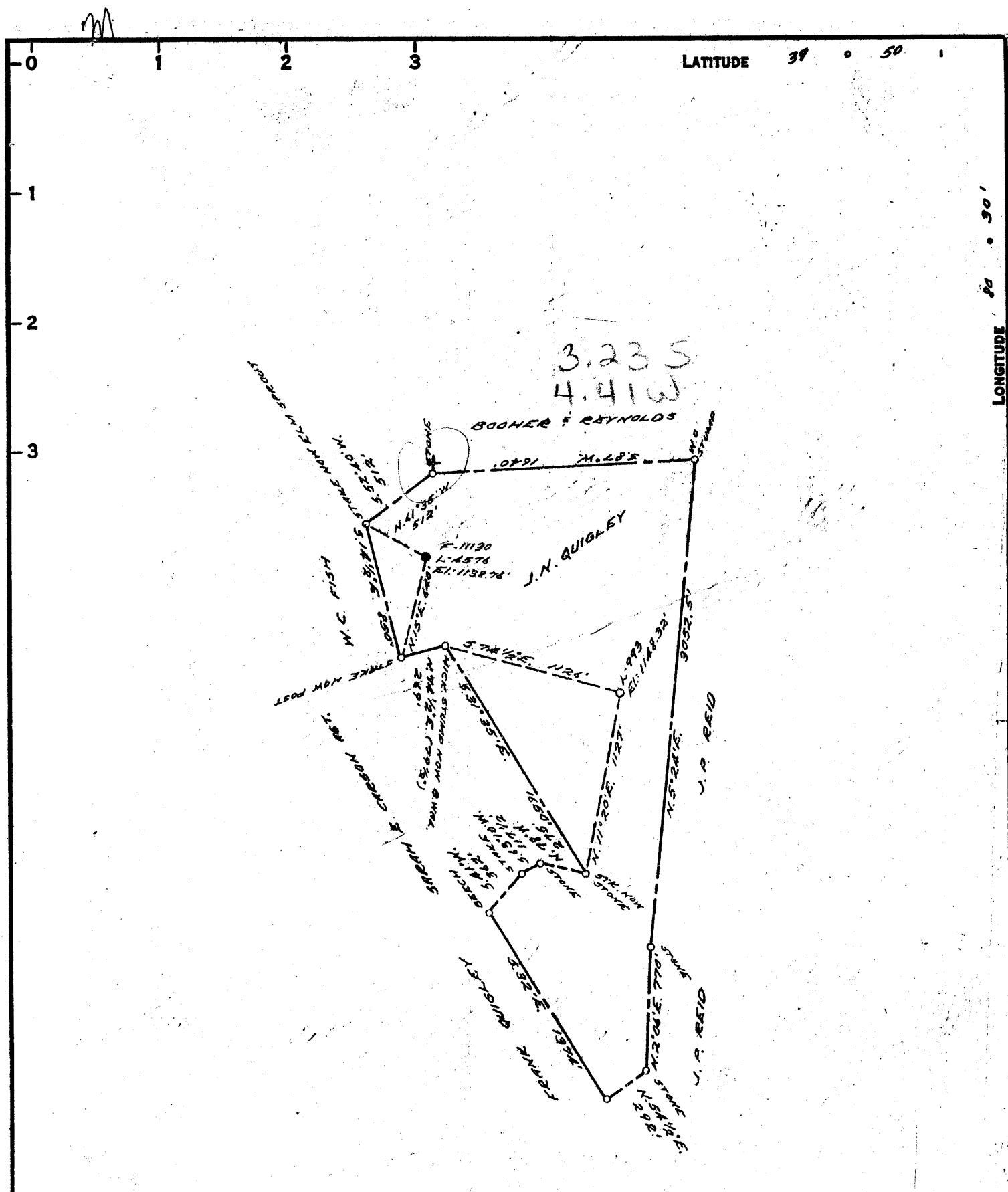
WELL LOCATION MAP  
FILE No. MARS-391-R-P

+ 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.

w/o 9-0 25

MAR 09 1970



COAL OWNED BY \_\_\_\_\_  
 RECONDITION \_\_\_\_\_

NEW LOCATION.....

DRILL DEEPER.....

ABANDONMENT.....

0-25-29

COMPANY THE MANUFACTURERS LIGHT & HEAT CO.

ADDRESS 800 UNION TRUST BLDG. PGH. PA.

FARM J. N. QUIGLEY

TRACT \_\_\_\_\_ ACRES 116 LEASE No. 26952

WELL (FARM) No. 2 SERIAL No. 4576

ELEVATION (SPIRIT LEVEL) 1138.76'

QUADRANGLE CAMERON S.E.

COUNTY MARSHALL DISTRICT LIBERTY

ENGINEER Robert M. Heil

ENGINEER'S REGISTRATION No. 3615 (J.F.)

FILE No. \_\_\_\_\_ DRAWING No. V-25-175

DATE 10 MAY, 1960 SCALE 1" = 800'

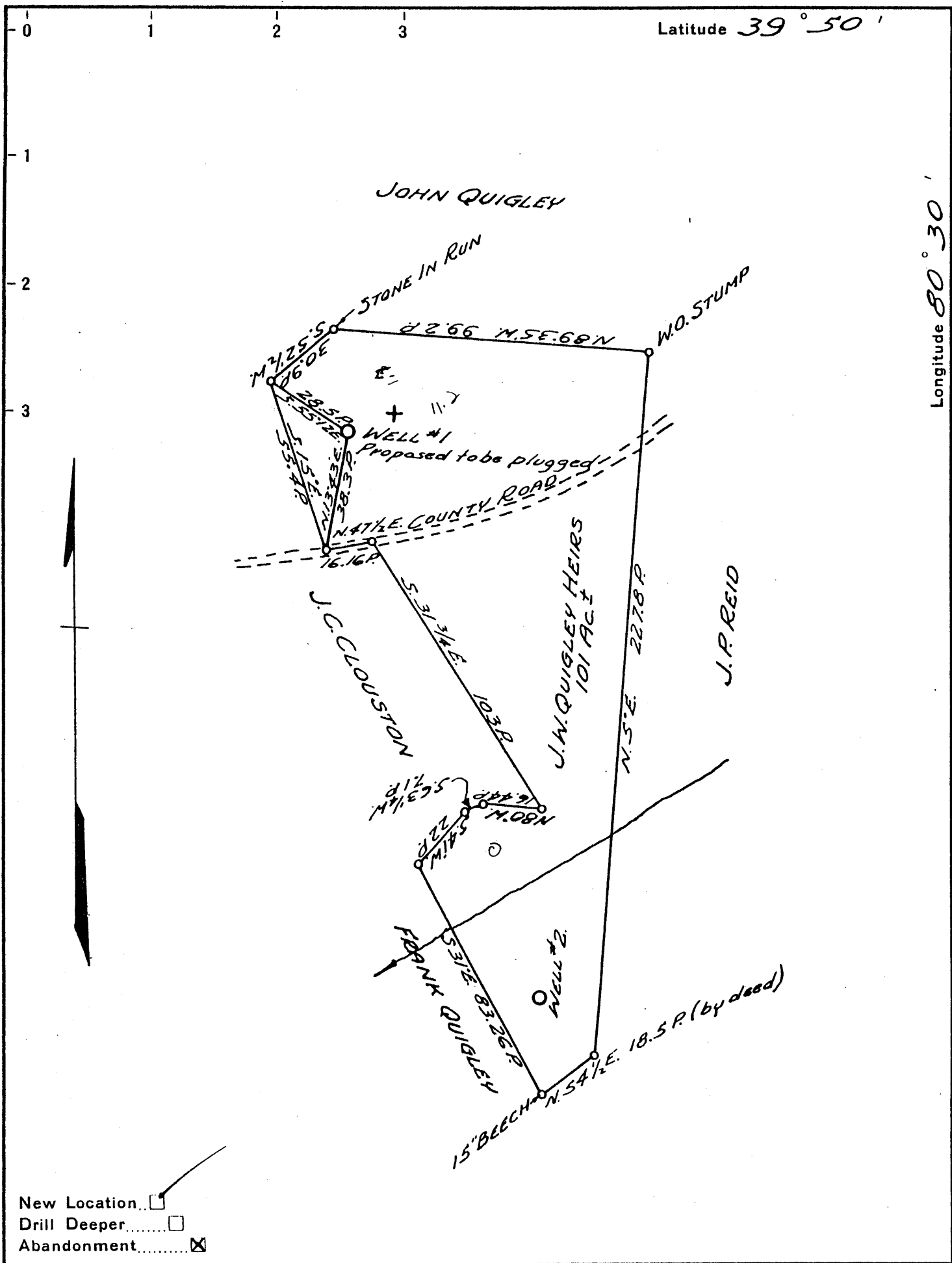
STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON

WELL LOCATION MAP

FILE No. MARS-391-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.



New Location   
 Drill Deeper   
 Abandonment

Company GUY B. & A. G. PATTERSON  
 Address CAMERON, W. VA.  
 Farm J.W. QUIGLEY HEIRS.  
 Tract 1 Acres 101<sup>±</sup> Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 1215.00'  
 Quadrangle CAMERON  
 County MARSHALL District LIBERTY  
 Engineer N. JAMES SCHELLHASE.  
 Engineer's Registration No. 1673.  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date MAR. 8, 1949. Scale 1 INCH = 40 FEET

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

**WELL LOCATION MAP**

FILE NO. MARS-36

Now 391  
 + 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-391-R

WELL RECORD

Storage Oil or Gas Well  
(KIND)

Company <u>The Manufacturers Light and Heat Co.</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>800 Union Trust Bldg., Pittsburgh 19, Pa.</u>				
Farm <u>J. N. Quigley</u> Acres <u>116</u>	Size			
Location (waters)	16			Kind of Packer
Well No. <u>L-4576</u> Elev. <u>1138.76'</u>	13			
District <u>Liberty</u> County <u>Marshall</u>	10 <u>3/4"</u>	<u>200'</u>	<u>200'</u>	Size of
The surface of tract is owned in fee by	<u>8 1/4 5/8"</u>	<u>1164'</u>	<u>1306'</u>	
Address	<u>6 1/4 5"</u>	<u>1925'</u>	<u>1925'</u>	Depth set
Mineral rights are owned by	<u>5 3/16</u>			
Address	<u>3</u>			Perf. top
Drilling commenced <u>June 1, 1960</u>	<u>2</u>			Perf. bottom
Drilling completed <u>August 9, 1960</u>	Liners Used			Perf. top
Date Shot <u>8/12/60</u> From <u>1925'</u> To <u>2200'</u>				Perf. bottom
With				

Open Flow - /10ths Water in - Inch  
/10ths Merc. in - Inch  
Volume No gas to test Cu. Ft.  
Rock Pressure - lbs. 72 hrs.  
Oil - bbls., 1st 24 hrs.  
Fresh water - feet  
Salt water - feet

CASING CEMENTED SIZE No. Ft. Date  
COAL WAS ENCOUNTERED AT 802 FEET INCHES  
FEET INCHES FEET INCHES  
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
		THICKNESS					
✓ Pittsburgh Coal		7	802	809			
✓ Big Dunkard Sand		34	1296	1330			
✓ Maxton Sand		62	1810	1872			
○ Big Lime			1920				
✓ Big Injun Sand				2218			
Old 8" Casing		142	1164	1306	Left in the hole All Pulled Out		1920 1139 781
Old 7" Casing		405	1520	1925			
Present Depth				2350			
Set New 7" Casing Plug Back to				1925 2200			

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD

Permit No. MA-36 → new: 3a1

Oil or Gas Well Gas  
(KIND)

Company Guy B. & A. G. Patterson  
Address Cameron, W. Va.  
Farm J. W. Quigley Acres 101  
Location (waters).....  
Well No. 1 Elev. 1215  
District Liberty County Marshall  
The surface of tract is owned in fee by J. W. Quigley  
Heirs Address Cameron, W. Va.  
Mineral rights are owned by Belton Fuel Co.  
Box 498 Address Uniontown, Pa.  
Drilling commenced Nov. 131  
Drilling completed 12-4-31  
Date shot..... Depth of shot.....  
Open Flow /10ths Water in..... Inch  
/10ths Merc. in..... Inch  
Volume 50,000 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			
10	<u>200'</u>	<u>200'</u>	Size of.....
8 3/4	<u>1295'</u>	<u>1295'</u>	
6 3/4	<u>1920'</u>	<u>1920'</u>	Depth set.....
5 3/16			
3			Perf. top.....
2			Perf. bottom.....
Liners Used			Perf. top.....
<u>5-3/16"</u>			Perf. bottom.....
<u>386'</u>			

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

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Waynesburg	Coal		521	526			
Mapletown	Coal		700	705			
Pittsburgh	Coal		800	807			
Little Dunkard	Sand		1200	1225			
Big Dunkard	Sand		1295	1375			
Gas Sand			1540	1590			
Salt Sand			1670	1730			
Maxon Sand			1830	1870			
Little Lime			1900	1910			
Big Lime			1920	1963			
Big Injun			1963	2224			
30 ft. Sand			2555	2570			
50 ft. Sand			2740	2773			
Gordon Stray			2809	2834			
Gordon Stray			2811	2814	Gas		
Gordon Sand			2836	2846			
4th Sand			2875	2883			
Total Depth?				2850			
				2951			

Shot with 30 qts. in Gordon Stray  
Top of shell 2810  
Bottom of shell 2816 1/2  
11/10 Water in 2" before shot 140 mcf  
20/10 Water in 2" after shot 21300  
50000 cft. in Salt Sand 189 mcf

