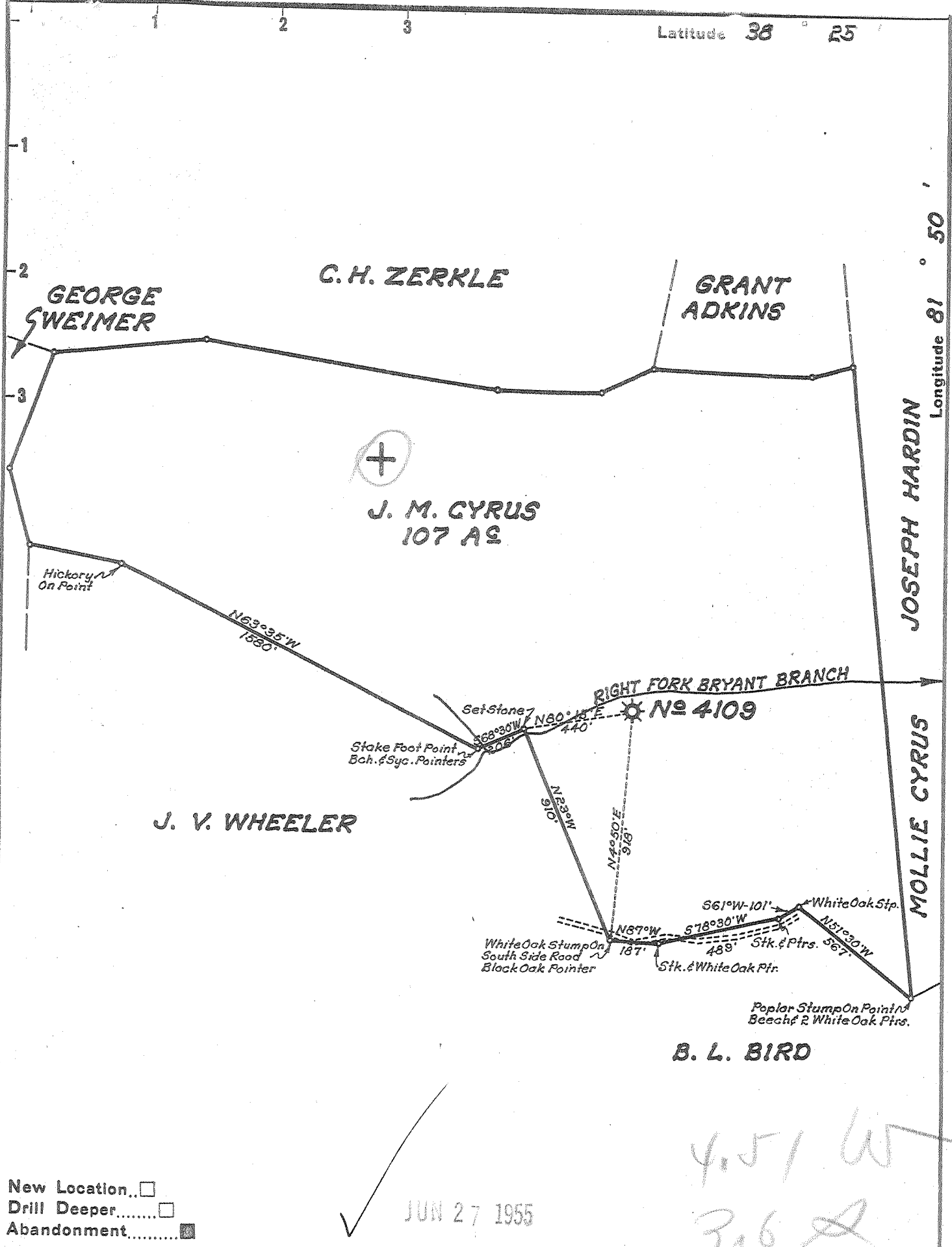


Latitude 38° 25'

Longitude 81° 50'



New Location
 Drill Deeper
 Abandonment

JUN 27 1955

4.51 W
 3.6 A

Company UNITED FUEL GAS CO.
 Address CHARLESTON, W. VA.
 Farm J. M. CYRUS
 Tract _____ Acres 107 Lease No. 30424
 Well (Farm) No. 1 Serial No. 4109
 Elevation (Spirit Level) 748.66'
 Quadrangle SAINT ALBANS
 County PUTNAM District CURRY
 Engineer Paul E. Oastin
 Engineer's Registration No. 669
 File No. 46-59 Drawing No. _____
 Date 5-18-55 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. PUT-101-A

+ 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.

J. M. CYRUS No. 1 (4109) — 4-6 Burdett-St. Albans (211) U. F. G. Co. — PUT-101-A



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Handwritten initials

Quadrangle St. Albans

WELL RECORD

Permit No. 618

Oil or Gas Well Gas
(KIND)

Company UNITED FUEL GAS CO.
Address P.O. Box 1273, Charleston 25, W. Va.
Farm J. M. Cyrus Acres 57
Location (waters) Bryant Br.
Well No. 4109 Elev. 748.66'
District Curry County Putnam
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by M. S. Cyrus, et al
Rt. 1 Address St. Albans, W.Va.
Drilling commenced 12-27-15
Drilling completed 2-18-16 *ABANDONED 8/30/55*
Date Shot _____ From _____ To _____
With _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer <u>Anchor</u>
13			
10		<u>30'</u>	Size of <u>2x5-3/16</u>
8 1/4	<u>1465'</u>		Depth set <u>2149'</u>
6 5/8		<u>1754'</u>	
5 3/16			
3			Perf. top
2		<u>2203'</u>	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume 553,279 Cu. Ft.
Rock Pressure 228 lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet 1680 feet
Salt water 1070 feet _____ feet

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 192 FEET 36 INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Gravel			0	14			
Slate & Lime			14	192			
Coal			192	195			
Slate			195	201			
Sand			201	222			
Slate			222	275			
Sand (Broken)			275	320			
Slate			320	332			
Sand (Broken)			332	350			
Slate			350	395			
Sand			395	480			
Slate			480	486			
Sand			486	600			
Slate			600	640			
Sand			640	670			
Slate			670	680			
Gritty Lime			680	705			
Slate			705	750			
Sand			750	784			
Slate			784	835			
Sand			835	860			
Slate			860	870			
Sand			870	885			
Slate			885	895			
Sand			895	930			
Slate			930	938			
Salt Sand			938	1434			
Slate			1434	1435			
Little Lime			1435	1455			
Pencil Cave			1455	1460			
Big Lime			1460	1658			
Slate			1658	1670			
Big Injun			1670	1720			
Slate			1720	1754			
Slate & Shells			1754	2116			
Coffee Slate			2116	2147			
Berea Grit			2147	2172			
Slate			2172	2203			
Total depth			2203'				

Gas in Berea Grit 2160' 2170'

