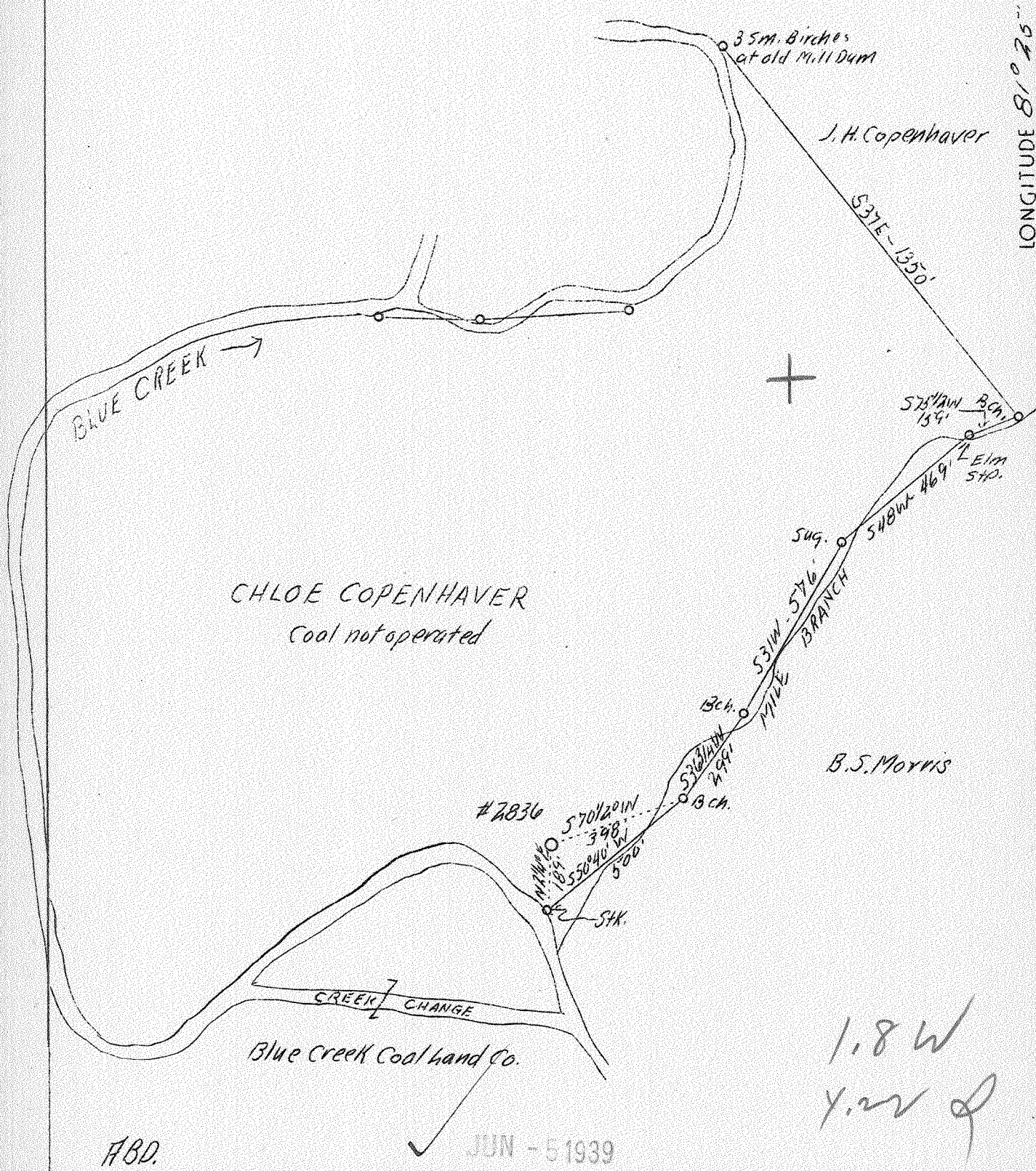


LATITUDE 38° 30'

LONGITUDE 81° 25'



Company Virginian Gasoline & Oil Co.
 Address Charleston, W.Va.
 Farm Chloee Copenhaver
 Acres 97
 Lease No. 7425
 Serial No. 2836
 Well (Farm) No. 4
 El. (S.L.) 745
 Quadrangle Clendonin
 County Kanawha
 District Elk
 Eng. G.A. Cunningham
 Eng. Reg. No. 659
 File No. 70 - 65
 Date 5/24/39
 Scale 1" - 400'

STATE OF WEST VIRGINIA
 Department of Mines
 OIL AND GAS DIVISION
 Charleston

WELL LOCATION MAP

File No. Kan-267-A

x Denotes location of well on U.S. 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.

NW

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

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WELL RECORD

Permit No. *257-A*
Clayton NW

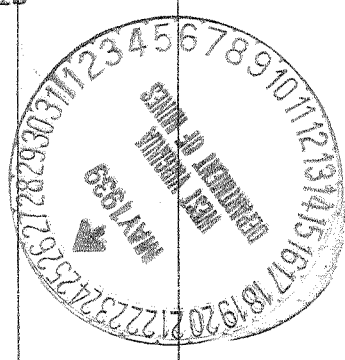
Oil or Gas Well OIL
(Kind)

Company Virginian Gasoline & Oil Company
Address Charleston, W. Va.
Farm Chloe Copenhaver Acres .95
Location (waters) Blue Creek
Well No. 2836 Elev. 645
District Elk County Kanawha
The surface of tract is owned in fee by Chloe Copenhaver Address Blue Creek, W. Va.
Mineral rights are owned by Same Address _____
Drilling commenced May 23, 1912
Drilling completed June 24, 1912
Date shot _____ Depth of shot 1621
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil 10 bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10			Size of
8 1/4	<u>368</u>	<u>---</u>	
6 5/8	<u>1405</u>	<u>1405</u>	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 225 FEET 60 INCHES
_____ FEET _____ INCHES 600 FEET 120 INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Slate & Shells				112			
Slate			112	122			
Lime Rock			122	170			
Slate			170	225			
Coal			225	230			
Slate			230	250			
Sand			250	265			
Slate			265	290			
Sand			290	335			
Slate & Shells			335	570			
Sand			570	600			
Coal			600	610			
Slate			610	630			
Lime Stone			630	645			
Slate			645	660			
Sand			660	675			
Slate & Shells			675	725			
Salt Sand			725	1140			
Slate			1140	1195			
Red Rock			1195	1205			
Slate & Shells			1205	1250			
Red Sand			1250	1270			
Slate & Shell			1270	1295			
Maxon			1295	1325			
Slate			1325	1350			
Little Lime			1350	1390			
Big Lime			1390	1545			
Slate & Shells			1545	1560			
Red Sand			1560	1570			
Slate & Shells			1570	1618			
Oil Sand			1618	1639			
Total depth				1639			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks

Date May 24, 1939

APPROVED VIRGINIAN GASOLINE & OIL COMPANY, Owner

By G.A. Cunningham
 (Title) Chief Engr.