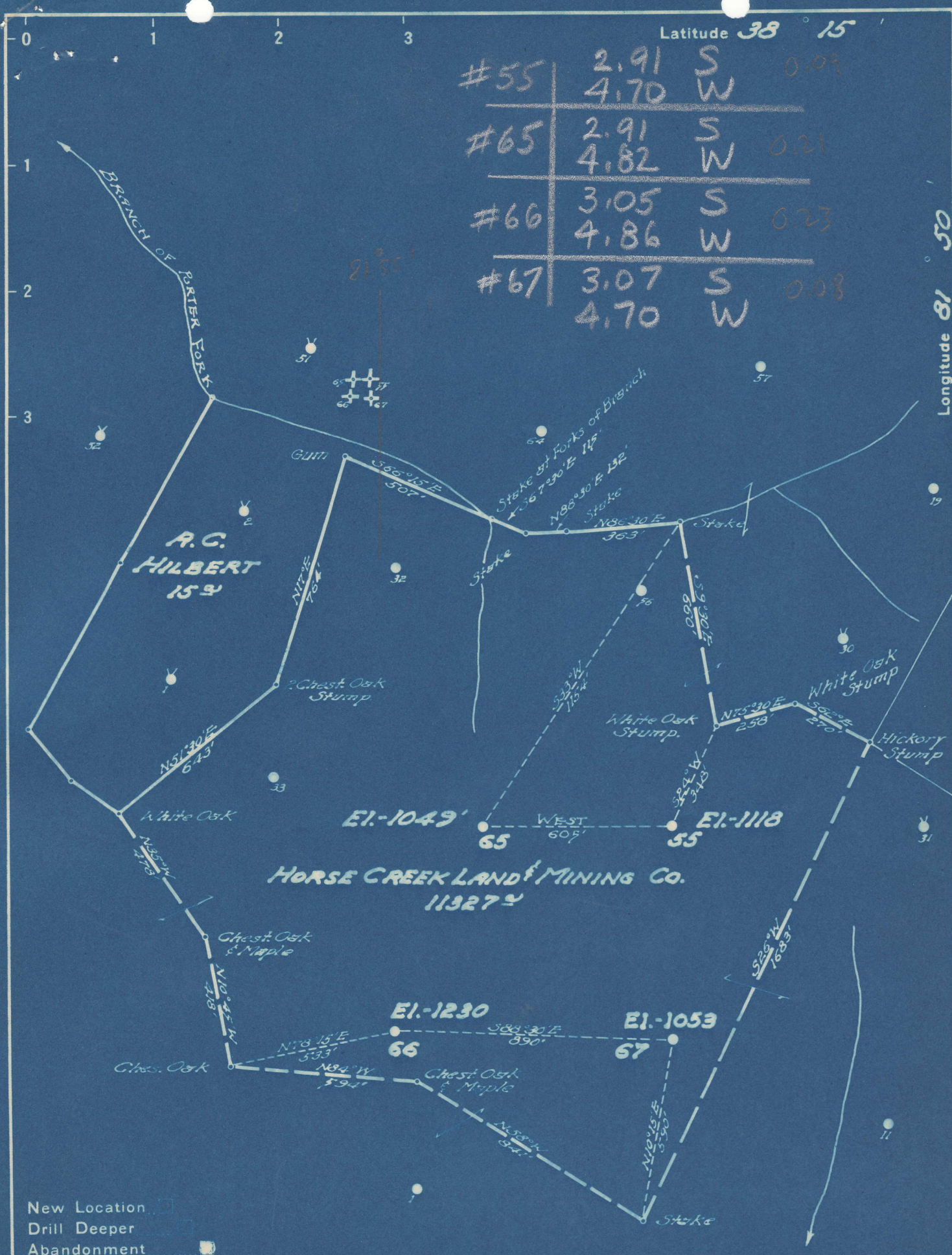


Latitude 38° 15'

#55	2.91 S	0.09
	4.70 W	
#65	2.91 S	0.21
	4.82 W	
#66	3.05 S	0.23
	4.86 W	
#67	3.07 S	0.08
	4.70 W	

Longitude 81° 50'



New Location

Drill Deeper

Abandonment

Company UNITED FUEL GAS CO.

Address CHARLESTON, W.VA.

Farm HORSE CREEK LAND & MINING CO.

Tract _____ Acres 11327 Lease No. 57128
F2251 F2454

Well (Farm) No. 55, 65, 66, 67 Serial No. F630 F2391

Elevation (Spirit Level) SEE ABOVE

Quadrangle MADISON

County LINCOLN District DUVAL

Engineer J. H. WOOD **NC**

Engineer's Registration No. 662

File No. 46-49 Drawing No. _____

Date 3-8-49 Scale 1" = 400'

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

WELL LOCATION MAP
 LIN-641-A-#55
 FILE NO. LIN-642-A-#65
 LIN-643-A-#66
 LIN-644-A-#67

+ 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.

HORSE CREEK LAND & MINING CO. NO. 67 WELL.

644A

Duval District, Lincoln County, W. Va.
 By United Fuel Gas Co., Box 1273, Charleston, 25, W. Va.
 Abandoned under permit Lin-.....-A?
 On 11,327 acres, on Porter Fork.
 Elevation, 1053' L.
 Minerals owned by Horse Creek Land & Mining Co., 1510 Kanawha Valley
 Bldg., Charleston, W. Va.
 Drilling commenced Sept. 11, 1916; completed Oct. 23, 1916.
 Shot Nov. 29, 1916, at 2472-2484', with 60 qts.
 Oil, 7½ bbls., 1st 24 hrs.
 8½" casing, 625' (pulled); 6⅝", 1818'; 2" tubing, 2489'.
 Coal was encountered at 520-525 and 560-564'.
 Oil well. Record to Dept. of Mines dated March 11, 1949.
 Record to RCT from Mrs. Griffith September 14, 1949. Old File No. 1021.

	Top.	Bottom.
Clay	0	55
Slate and shells	55	520
Coal	520	525
Slate	525	560
Coal	560	564
Sand	564	685
Slate	685	750
Sand	750	780
Slate and shells	780	970
Slate	970	1010
Salt Sand	1010	1636
Slate	1636	1650
Red rock	1650	1672
Slate	1672	1753
Little Lime	1753	1783
Pencil Cave	1783	1790
Big Lime	1790	1983
Big Injun Sand	1983	2048
Slate and shells	2048	2444
Brown shale	2444	2469
Berea Sand	2469	2489
Total depth		2489



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Completed no inspection

1021

WELL RECORD

Permit No. 644-A

Oil or Gas Well OIL
(KIND)

-ABANDONMENT-

Company United Fuel Gas Co.
Address P. O. Box 1273, Charleston 25, W. Va.
Farm Horse Creek Land & Mining Co Acres 11,327
Location (waters) Porter Fork
Well No. 67 Elev. 1053
District Duval County Lincoln
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by Horse Creek Land & Mining Co
1510 Kan. Valley Bldg. Address Chas., W. Va.
Drilling commenced 9-11-16
Drilling completed 10-23-16
Date Shot 11-29-16 From 2472 To 2484
With 60 Quarts

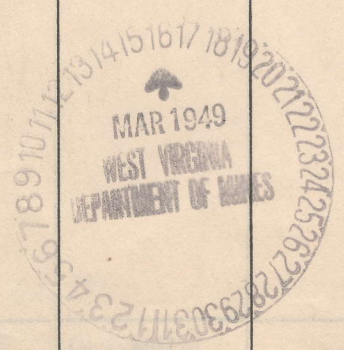
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10			Size of
8 1/4	625	Pulled	
6 5/8	1818	1818	Depth set
5 3/16			
3			Perf. top
2 Tubing		2489	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil 7 1/2 bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT 520 FEET 60 INCHES
560 FEET 48 INCHES FEET INCHES
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Clay			0	55			
Slate & Shells			55	520			
Coal			520	525			
Slate			525	560			
Coal			560	564			
Sand			564	685			
Slate			685	750			
Sand			750	780			
Slate & Shells			780	970			
Slate			970	1010			
Salt Sand			1010	1636			
Slate			1636	1650			
Red Rock			1650	1672			
Slate			1672	1753			
Little Lime			1753	1783			
Pencil Cave			1783	1790			
Big Lime			1790	1983			
Big Injun			1983	2048			
Slate & Shells			2048	2444			
Brown Shale			2444	2469			
Berea			2469	2489			
Total Depth				2489'			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
67							

DEPARTMENT OF MINES
BUREAU OF GEOL. SURV.

Date March 11, 1949

APPROVED United Fuel Gas Co., Owner

By G. J. Moore
Chief Engineer (Title) R.