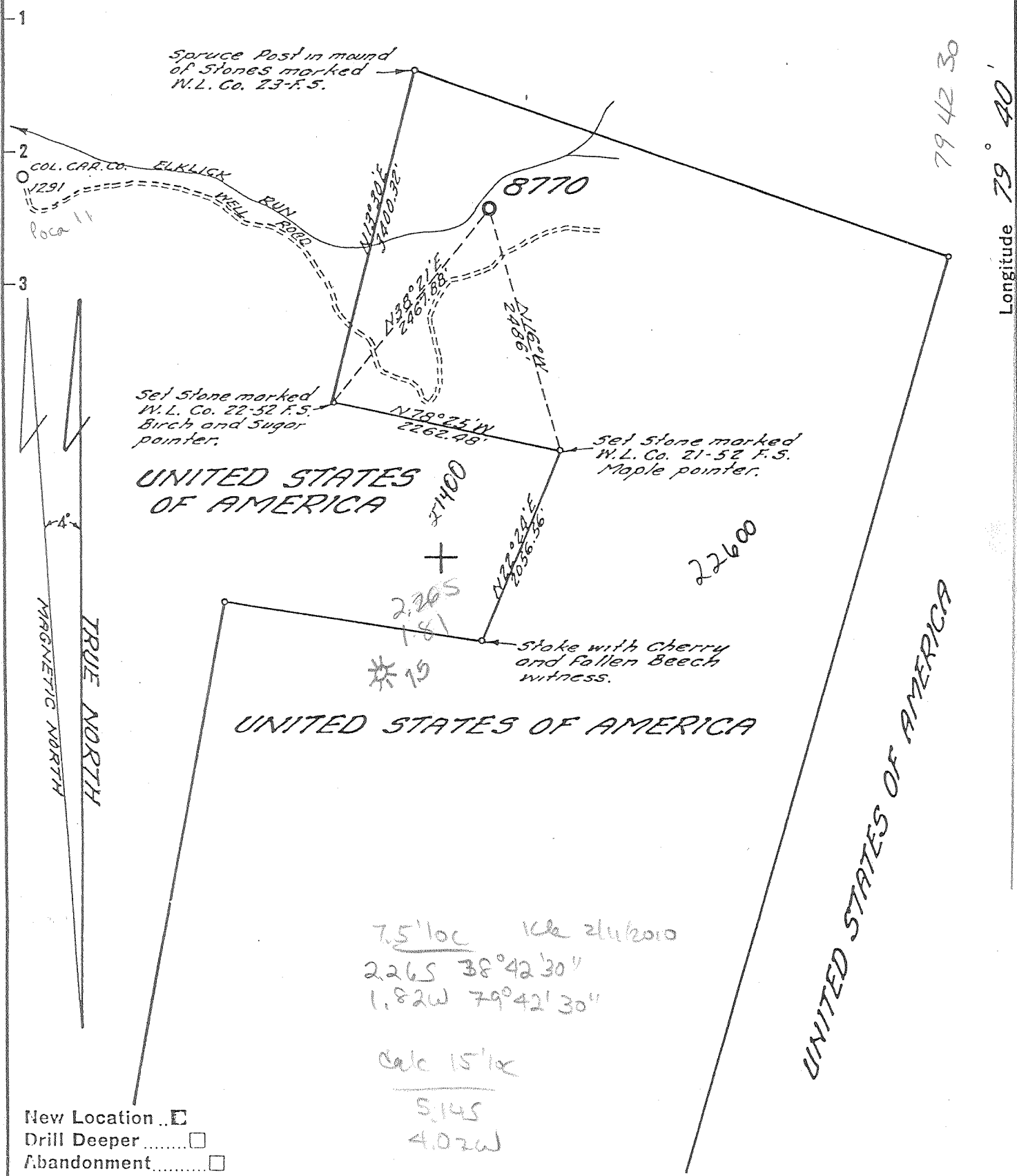


Latitude $38^{\circ} 45'$
 $38^{\circ} 42' 30''$

UNITED STATES OF AMERICA



7.5' loc 1/4 2/11/2010
2265 38°42'30"
1.82W 79°42'30"
Calc 15' loc
5145
4.02W

New Location
Drill Deeper
Abandonment

Company UNITED FUEL GAS CO.
Address CHARLESTON, W. VA.
Farm UNITED STATES OF AMERICA
Tract _____ Acres 2175 Lease No. 52495
Well (Farm) No. _____ Serial No. 8770
Elevation (Spirit Level) 3496 23' 34.39.86
Quadrangle SPRUCE KNOB Sinks of Gandy 7.5' quad
County POCAHONTAS District GREENBANK
Engineer Robert R. Newell
Engineer's Registration No. 2529
File No. 164-81 Drawing No. _____
Date 9-23-53 Scale 1" = 1570'

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

WELL LOCATION MAP

FILE NO. POCA-12

+ 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.

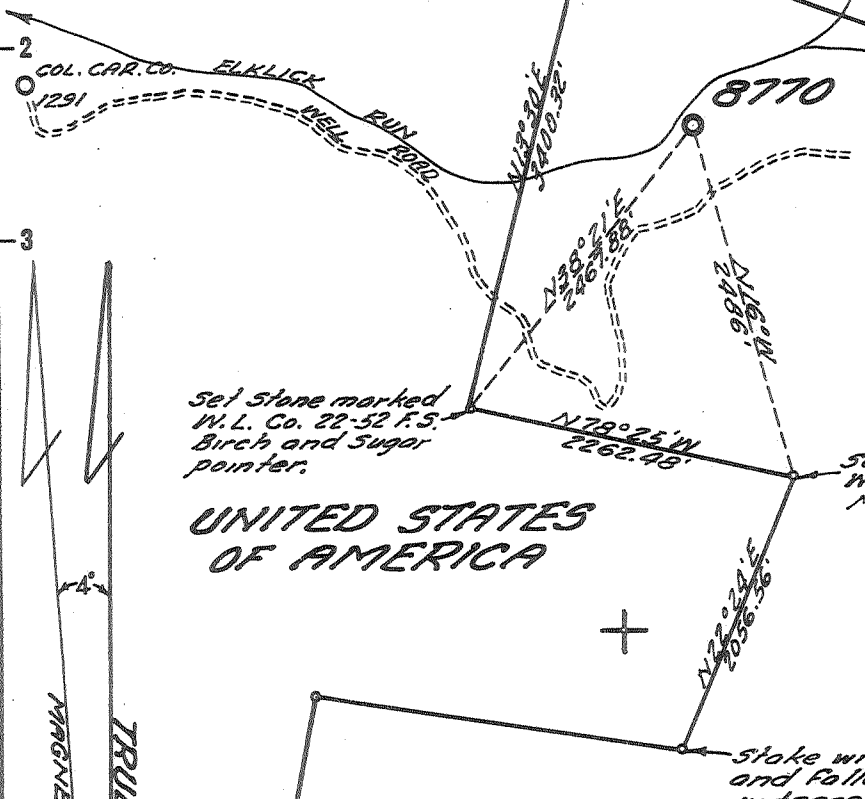
Deep Well

Latitude 38° 45'

UNITED STATES OF AMERICA

Longitude 79° 40'

Spruce Post in mound of Stones marked N.L. Co. 23-F.S.



UNITED STATES OF AMERICA

UNITED STATES OF AMERICA

UNITED STATES OF AMERICA

MAGNETIC NORTH
TRUE NORTH

5.20 S
4.28 W
3 SW. (I-13)

New Location
Drill Deeper
Abandonment

Company UNITED FUEL GAS CO.
 Address CHARLESTON, W. VA.
 Farm UNITED STATES OF AMERICA
 Tract _____ Acres 2175 Lease No. 52495
 Well (Farm) No. _____ Serial No. 8770
 Elevation (Spirit Level) 3426.25 3316.25
 Quadrangle SPRUCE KNOB - NW
 County POCAHONTAS District GREENBANK
 Engineer Seybert R. Howell
 Engineer's Registration No. 2529
 File No. 164-81 Drawing No. _____
 Date 9-23-58 Scale 1" = 1320'

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

WELL LOCATION MAP
FILE NO. POCA-12

+ 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.

6-201

Deep Well



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Spruce Knob

Permit No. Poca-12

WELL RECORD

Oil or Gas Well Dry Hole
(KIND)

Company United Fuel Gas Co.
Address P. O. Box 1273; Charleston 25, W.Va.
Farm United States of America #1 Acres 2175
Location (waters) Elk Lick Run
Well No. 8770 Elev 3316
District Greenbank County Pocahontas
The surface of tract is owned in fee by _____
Address _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13 <u>3/8</u>		<u>40'</u>	
10 <u>3/4</u>		<u>1154</u>	Size of
8 1/4			
5 3/16			Depth set
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Mineral rights are owned by Treasurer of the United States
c/o Director of the Address Washington 25, D.C.
Bureau of Land Management
Drilling commenced 12-10-58

Drilling completed 1-22-59
Date Shot _____ From _____ To _____

With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch

Volume _____ Cu. Ft.

Rock Pressure _____ lbs. _____ hrs.

Oil _____ bbls., 1st 24 hrs.

WELL ACIDIZED _____

WELL FRACTURED _____

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

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

RESULT AFTER TREATMENT _____

ROCK PRESSURE AFTER TREATMENT _____

Fresh Water 1540' Feet _____ Salt Water _____ Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red Rock			0	50	<u>Dhs</u>		
Slate & Shell			50	1200			
Sand			1200	1400	Water show at 1540'		
Slate & Shale			1400	1500			
Sand			1500	1575			
Slate & Shale			1575	2400	Gas blow out at 6147'		
Sand			2400	2490			
Slate & Shale			2490	2850			
Sand			2850	2900			
Slate & Shale			2900	3250			
Sand			3250	3300			
Slate & Shale			3300	4100			
Sand			4100	4150			
Slate & Shale			4150	5640			
Shale			5640	6360			
Tully			6360	6395			
Black Shale			6395	6630			
Onondaga		<u>33/4</u>	6630	6682			
Chert			6682	6792			
Shale			6792	6832			
Oriskany		<u>35/6</u>	6832	7030-3714			
Helderberg			7030	7052			
Total Depth				7052'			

