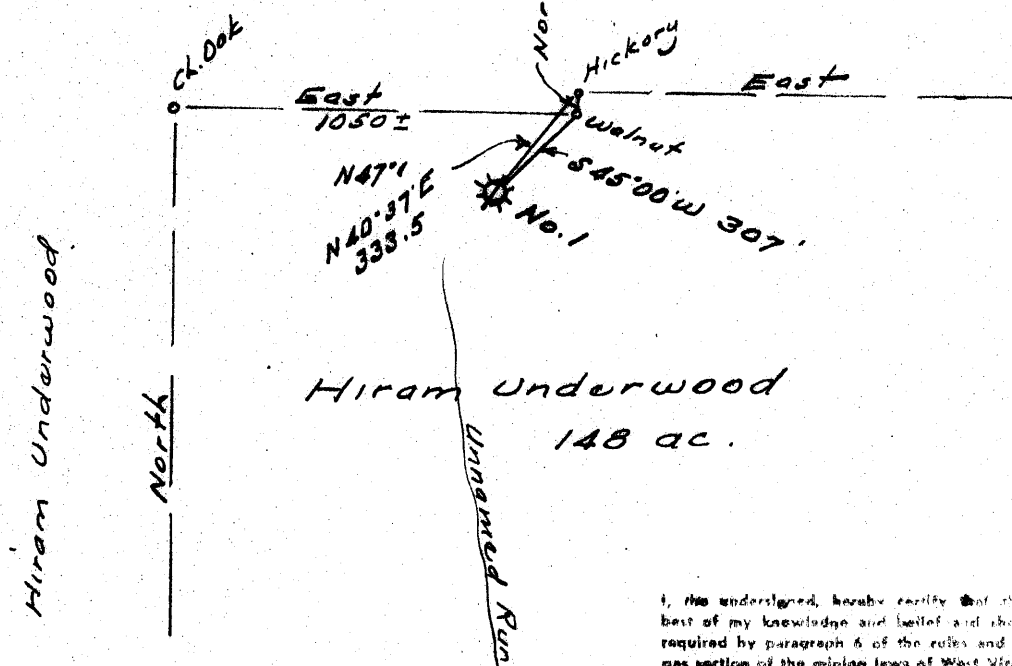


LATITUDE 39 ° 25 '

1.05 S
0.46 W

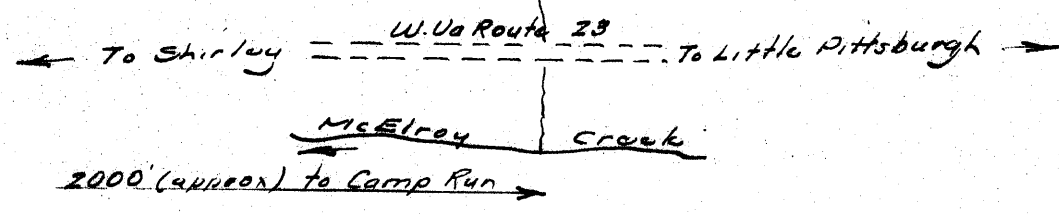
LONGITUDE 80 ° 45 '

Samuel Duckworth



I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all of the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

W. A. Stewart
R. P. S. No. 1227



New Location..... J. G. Underwood Hrs.
 Drill Deeper.....
 Abandonment..... 8-868

Elev ref :- Elev. at Shirley = 728
 Error :- Less than 1' in 300'

Company Prior Oil Co.
 Address 224 Washington Bud., Balgra, O.
 Farm Hiram Underwood
 Tract _____ Acres 148 Lease No. _____
 Well (Farm) No. One Serial No. _____
 Elevation (Spirit Level) 867
 Quadrangle West Union EC
 County Tyler District McElroy
 Engineer W. A. Stewart
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date Aug. 31, 1966 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. Ty-403-DD-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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle TYL 403

WELL RECORD

Permit No. none

Oil or Gas Well Oil
(KIND)

Company Philadelphia Gas Company
Address now Equitable Gas Company
Farm Hiram Underwood Acres 148
Location (waters) _____
Well No. 4582 Elev. _____
District McElroy County Tyler
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by Underwood Heirs
Address Shirley, W. Va.
Drilling commenced _____
Drilling completed August 5, 1917
Date Shot _____ From _____ To _____
With _____
Open Flow 5/10ths Water in 2" Inch
_____/10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil 5 barrells _____ bbls., 1st 24 hrs.
WELL ACIDIZED no
WELL FRACTURED no

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer _____
16			
13			
10			Size of _____
8 1/4			
6 5/8			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 no FEET _____ INCHES
____ FEET _____ INCHES FEET _____ INCHES
____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT _____

ROCK PRESSURE AFTER TREATMENT _____

Fresh Water _____ Feet _____ Salt Water _____ Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Big Lime	White	Hard					
Injun Sand	Gray	Hard	1829'	1927'	Show of gas @1890' to 1910'		5/10" of water in 2"
Squaw Sand	Gray	Soft	1927'	2026'	Show of oil	2010' to 2024'	
Slate Shells	Black	Soft	2028	2140			
Gantz Sand	White	Hard	2140	2256			
Slate Shells	Gray	Soft	2256	2400			
Soft Sand	Gray	Soft	2400	2436			
TOTAL DEPTH				2438			

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
<p>NOTE: This record was prepared from the old records held by Equitable Gas Company in their Clarksburg Division Office, and was copied by C. W. Kelly.</p>							

Date _____, 19____

APPROVED _____, Owner

By _____
(Title)