

Company Broadwater, Welch & Travis
 Address Pennsboro, W. Va.
 Farm Charles Stewart Hrs.
 Tract _____ Acres 446 1/2 Lease No. _____
 Well (Farm) No. 23 Serial No. _____
 Elevation (Spirit Level) 997
 Quadrangle Centerpoint
 County Tyler & Doddridge District McElroy & Grant
 Engineer R. F. Finckert
 Engineer's Registration No. 648
 File No. _____ Drawing No. _____
 Date Dec. 3, 1940 Scale 1" = 60 Poles

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

WELL LOCATION MAP
 FILE NO. TYL - 645 - 23

+ 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.

Latitude

39°25'

80°42'30"

Longitude

→ 7.5' loc
Kw 8/19/16

Topo Location

7.5' Loc. 1.58S 15' Loc. 1.58S
1.74W (calc.) 3.97W

Company _____

Farm Clay Stewart Tr. 22

15' Quad Centerpoint wc
(sec.)

7.5' Quad Centerpoint

District McElroy

WELL LOCATION PLAT

County 095 Permit 30645



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

509

Permit No. TYL-645-A

WELL RECORD

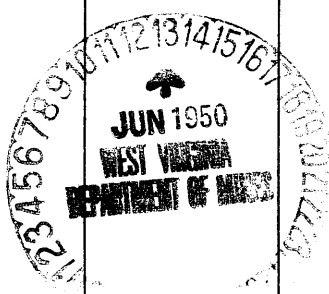
Oil or Gas Well Oil (KIND)

Company Broadwater, Welch, & Travis
 Address West Union, or Pennsboro, W. Va.
 Farm Chas. Stewart Hrs. Acres 446-1/2
 Location (waters) Flint Creek
 Well No. 23 Elev. 997
 District McElroy & Grant County Tyler & Dodd.
 The surface of tract is owned in fee by Chas. Stewart Hrs
West Union, W. Va. Address
 Mineral rights are owned by Chas. Stewart Hrs.
West Union, W. Va. Address
 Drilling commenced no record
 Drilling completed " "
 Date Shot 1-20-10 From 2079 To
 With 60 qts.
 Open Flow /10ths Water in no record Inch
 /10ths Merc. in " " Inch
 Volume " " Cu. Ft.
 Rock Pressure lbs. " hrs.
 Oil " " 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	349	349	Size of
8 1/4	1080	1080	
6 5/8	2015	2015	Depth set
5 3/16			
3			Perf. top
2	2120	pulled	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
 COAL WAS ENCOUNTERED AT 680 FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
<u>Coal</u>			<u>680</u>				
Big Ingun			2030				
Gas			2078				
Oil			2080				
Total Depth			2124				



SEP - 9 1950

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

Date _____, 19____

APPROVED

Jan. 5, 1949

_____, Owner

By Broadwater, Welch, & Travis

(Title)

C. O. Travis, partner

