

LATITUDE 384730

5018

LONGITUDE

→ 7.5' loc
Kla 6/24/91

7'5 OGIS topo location

7.5' loc 1.18 W 15' loc _____
 1.78 S (calc.) _____

Company _____

Farm _____

Quad Millstone Arnoldsburg⁵⁰

County _____

District (Lee - Calhoun)

WELL LOCATION MAP

File No. Rozoo 57-

plots in Calhoun County -
see cal 181, 283, 399 - same
lease

WEST VIRGINIA DEPARTMENT OF MINES

Oil and Gas Section

PRELIMINARY DATA SHEET NO. 1

File No. 57

Well No. 1

Company, of L. T. Townsend and others

on the H. G. Brannon Farm

containing 2.12 acres. Location on waters of west fork

~~Roane~~ Roane District, in Roane County, West Virginia.

The surface of the above tract is owned in fee by N. G. Brannon of Arnoldsburg W. Va address, and the mineral rights are owned by L. T. Townsend and others

The oil and gas privileges are held under lease by the above named company, and this well is drilled under permit No. Roa 67 issued by the West Virginia Department of Mines, Oil and Gas Section, Sept 8 1931.

Elevation of surface at top of well, was 778 Spirit Barometric.

The number of feet of the different sized casings used in the well.

10 feet 13 in size. Wood conductor.

176 feet 10 in size, csg. feet sized csg.

900 feet 8 1/4 size, csg. feet sized csg.

1787 feet 5 3/16 size, csg. feet sized csg.

Set at 1787 packer of 5 3/16 size, set at feet

feet packer of feet size, set at feet

feet in casing perforated at feet to feet

feet in casing perforated at feet to feet

Coal was encountered at non feet; thickness inches; and at feet; thickness inches; and at feet; thickness inches.

Liners were used as follows: (Give details) non

Oct 30 1931 Date.

Approved L. T. Townsend, Owner.

By TT (Title)

See Dist. in Roane Co. Dist. in Roane Co.

11-19-31

L T Townsend Company
 Spencer vada Address
 Roa - 57

COMPLETION DATA SHEET
 NO. 2
 FORMATION RECORD

Name	Color	Character	Oil, Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
Soil	Dark			0	10	10	10	
Slate	Black			10	70	60	70	
Sand	Gray			70	80	10	80	Water 8 1/2
Slate	Black		Water 80	80	110	30	110	12 Hours
Red Rock	Red			110	170	60	170	
Sand	Red			170	190	20	190	
Slate	Gray			190	265	75	265	
Rock	Red		Gas 1905	265	305	40	305	
Sand	White			305	335	30	335	
Rock	Red			335	435	100	435	
Sand	Gray			435	450	15	450	
Rock	Red		Gas 1912	450	455	5	455	
Slate	Black			455	465	10	465	
Sand	Gray		to 1938	465	480	15	480	
Slate	Black			480	630	150	630	
Sand	Gray			630	770	140	770	
Red Rock	Red		Test after	770	825	55	825	
Slate	Brown			825	870	45	870	
Sand	Gray	158 met	shot	870	1090	220	1090	
Slate	White		14/10	1090	1460	370	1460	
Sand	White	Big Dunard						
Slate	Black		Water in	1460	1560	100	1560	
Sand	Dark	salt sand	a inch	1560	1605	45	1605	
Slate	Black			1605	1660	55	1660	
Sand	Gray	salt sand	oil	1660	1690	30	1690	
Slate	Black		Test after	1690	1725	35	1725	
Sand	Brown	maxon	shot	1725	1735	10	1735	
Slate	Black			1735	1763	28	1763	
Lime	Brown	Little	683000	1763	1773	10	1773	
Penal bar	Black	Pencil	thousand	1773	1883	110	1883	
Big Fine	White	Fine		1883	1915	32	1915	
Sand	Blue	Keener		1915	1940	25	1940	
Sand	Blue	Engin		1940	1955	15	1955	
Slate	Black							

Well was ~~not~~ shot at 1903 to 1940 feet; well was shot at _____ feet.

Fresh water at 80 feet; fresh water at 80 feet.

Well was producing hole.

Nov 7 1931 Date Approved L T Townsend and others Owner

NOTE: All bottom formations must be noted as indicated above and all key-rocks and oil and gas sands must be recorded under their proper geological names in the district as well as any local names commonly used in the district for such strata.