

ACCURACY: 1/200
 EL. SOURCE: UPPER FORK OF WOODRUM BRANCH 792.

- New Location
- Drill Deeper
- Redrill
- Abandonment

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

J. S. Shuck

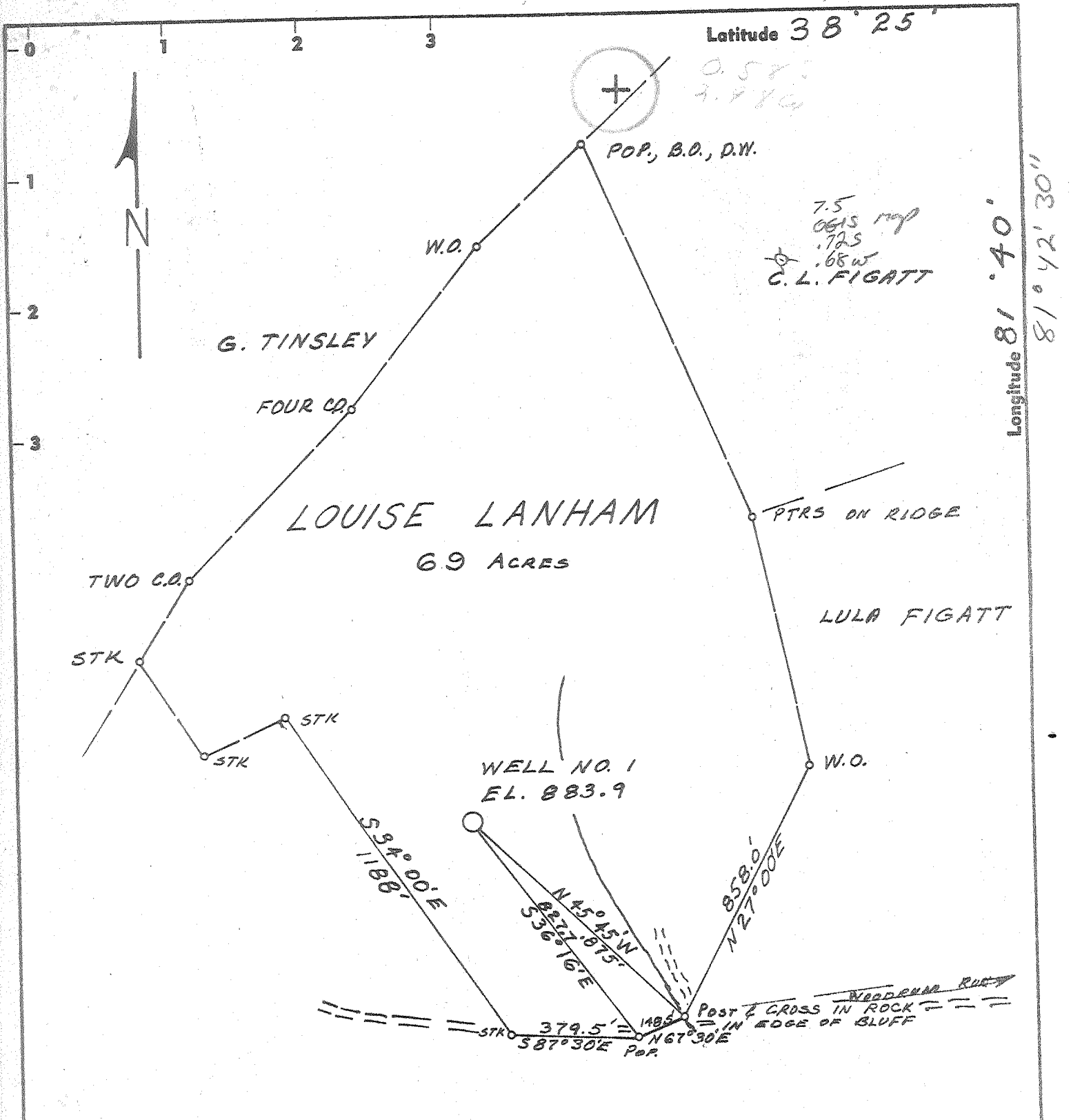
Company STONE STREET LANDS CO.
 Address BOX 350, SPENCER, W.VA.
 Farm LOUISE LANHAM
 Tract _____ Acres 69 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 883.9
 Quadrangle CHARLESTON Wc
 County KANAWHA District UNION
 Engineer L. Z. SHUCK
 Engineer's Registration No. 4596
 File No. _____ Drawing No. _____
 Date 10-18-67 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. KAN-2188

+ 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.



Partial Plugging issued 11/15/67

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 Date 10-18-67 Scale 1" = 400'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. KAN-2188-PP

+ 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.

38-30
4-2



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage C-NOLL

Quadrangle Charleston

Permit No. KAN=2188

WELL RECORD

Oil or Gas Well DRY
(KIND)

Company Stonestreet Lands Co.
Address Spencer, W. Va.
Farm Herbert Lanham Acres 69
Location (waters) Woodrum Branch
Well No. 1 Elev. 883.9
District Union County Kanawha
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by Carl Figgatt et al
Address Charleston, W. Va.
Drilling commenced 10/9/67
Drilling completed 11/15/67
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure 450 lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS) No
WELL FRACTURED (DETAILS) No

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16	60	60	Kind of Packer
13			
10			Size of
8 1/4	1955	1955	Depth set
6 3/4			
5 3/16	5575	5575	
4 1/2			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Attach copy of cementing record.
CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
Amount of cement used (bags) _____
Name of Service Co. _____
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.) _____
ROCK PRESSURE AFTER TREATMENT _____ HOURS _____
Fresh Water No Feet _____ Salt Water 1870 Feet _____
Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Top soil			0	20			
Sand and shale			20	570			
Sandy lime and shale			570	1022			
Sand and lime			1022	1065			
Shale			1065	1170			
Broken sand			1170	1210			
Sand and shale			1210	1292			
Sand			1292	1778			
B. Lime			1778	1865			
B. Injun			1865	1965	Water	1870	
Shale			1965	2344	Gas	2185-2200	
Shale and lime			2344	4855			
Oriskany			4855	4920			
Lime			4920	5556			
Newburg			5556	5734	Dry		

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OIL & GAS DIVISION
DEPT. OF MINES



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle *Charleston*

WELL RECORD

Permit No. KAN-2188PP

Oil or Gas Well *GAS*
(KIND)

Company *Stonestreet Lands Co.*
Address *Spencer, W. Va.*
Farm *Herbert Lanham* Acres *69*
Location (waters) *Woodrum Branch*
Well No. *1* Elev. *883.9*
District *Union* County *Kanawha*
The surface of tract is owned in fee by _____
Mineral rights are owned by *Carl Figgatt et al*
Address *Charleston, W. Va.*
Drilling commenced *10/9/67*
Drilling completed *11/15/67*
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 (DETAILS) *30 qt.*
WELL FRACTURED (DETAILS) _____
RESULT AFTER TREATMENT (Initial open Flow or bbls.) *50,000*
ROCK PRESSURE AFTER TREATMENT *450* HOURS *24*
Fresh Water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand *Devonian* Shale Depth *2185-2220*

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16	60	60	
13			Size of
10			Depth set
8 1/4	1955	1955	
6 3/4	5575	1575	
5 3/16			Perf. top
4 1/2			Perf. bottom
3			Perf. top
2			Perf. bottom
Liners Used			

Attach copy of cementing record.
CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
Amount of cement used (bags) _____
Name of Service Co. _____
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
B. Lime			1778	1865			
B. Injun			1865	1965			
Shale			1965	2344			

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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage
Oil or Gas *Dry*

WELL RECORD

Quadrangle *Charleston*
Permit No. *KAN-2188*

Company *Stonestreet Lands Co.*
Address *Spencer, W. Va.*
Farm *Herbert Lanham* Acres. *69*
Location (waters) *Woodrum Branch*
Well No. *1* Elev *883.9*
District *Union* County *Kanawha*
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by *Carl Figgatt et al*
Address *Charleston, W. Va.*
Drilling commenced *10/9/67*
Drilling completed *11/15/67*
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure *450* lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS) *No*
WELL FRACTURED (DETAILS) *No*
RESULT AFTER TREATMENT (Initial open Flow or bbls.) _____
ROCK PRESSURE AFTER TREATMENT _____ HOURS
Fresh Water *No* Feet _____ Salt Water *1870* Feet _____
Producing Sand _____ Depth _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16		60	60
13			
10			
8 3/4	1955	1955	Kind of Packer
6 3/8			Size of
5 3/16	5575	5575	Depth set
4 1/2			Perf. top
3			Perf. bottom
2			Perf. top
Liners Used			Perf. bottom

Attach copy of cementing record.
CASING CEMENTED _____ SIZE _____ No. Ft. _____ Da _____
Amount of cement used (bags) _____
Name of Service Co. _____
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
B. Lime			1778	1865	Water Gas	1870 2185-2200	
B. Injun			1865	1965			
Shale			1965	2344	Dry		
Shale & lime			2344	4855			
Oriskany			4855	4920			
Lime			4920	5556			
Newburg			5556	5734			

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HERM NELSON GAS COMPANY

WELL #1, POOLE 10

UNION DISTRICT, KANAWHA COUNTY, WEST VIRGINIA

2188

Well drilled on Tract #1 of Poole 10 Merger, Louise Lanham Farm.

TANGIBLE DRILLING AND DEVELOPMENT EXPENSES

Casing

- Surface Casing
- 13" Casing
- 13" Casing Shoe
- 8" Casing
- 8" Casing Shoe
- 8" Centralizers
- 5" Casing
- 5" Centralizers
- 5" Casing Shoe - Float Type

SHUTTING IN EQUIPMENT

- 8-5/8" OD Casing Clamps
- 1 - 8" Weld Collar
- 1 - 8-5/8" X 5-1/2" Support Head
- 2 - 2", 3,000 lb. Working Pressure Demco Flanged Gate Valve
- 1 - 5" Weld on Nipple
- 1 - 6", 900 Series Flange
- 1 - 2", 3,000 lb. Working Pressure Gate Valve
- 1 - 3", 3,000 lb. Working Pressure Demco Gate Valve

SUB-TOTAL \$36,400.00

INTANGIBLE DRILLING AND DEVELOPMENT EXPENSES

Drilling

Day Work Consisting of

- Logging Time
- Running Casing
- Shutting In Time
- Cementing
- Shooting

TRUCKING

- Casing
- Water Hauling
- Tanks
- Jell
- Cement
- Shutting In Equipment

bulldozing

- Location
- Clearing
- Roads
- Smooth Up Work After Drilling
- Drilling