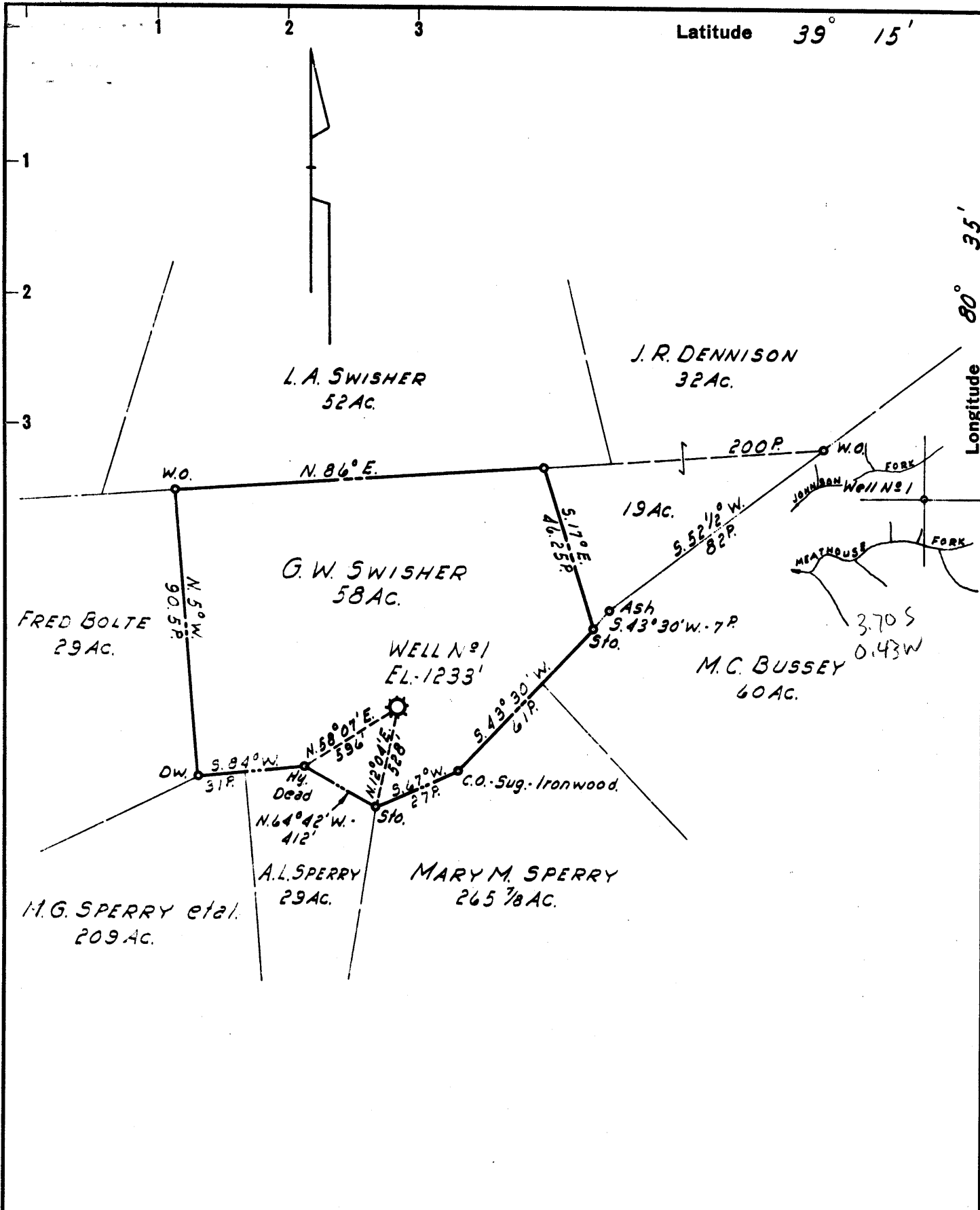


Latitude 39° 15'

Longitude 80° 35'



- New Location
- Drill Deeper
- Abandonment

Formerly Hope Natural Gas Co. Well N° 3146

Company	LURAY LAND, INC.		
Address	POINT PLEASANT, WEST VA.		
Farm	G. W. FISHER		
Tract	Acres	58	Lease No.
Well (Farm) No.	1	Serial No.	3146
Elevation (Spirit Level)	1233'		
Quadrangle	VADIS		
County	DODDRIDGE	District	GREENBRIER
Engineer	H. P. SUTER		
Engineer's Registration No.	1805		
File No.	Drawing No.		
Date	20 JUNE, 1959 Scale 1" = 40 POLES		

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

WELL LOCATION MAP
 FILE NO. DOD-1102-A

+ 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.



1069

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle W. 1069
Permit No. 1107A

WELL RECORD

Oil or Gas Well X (KIND)

Company Luray Land Company
Address Room 40 - Capital City Bldg. Charleston, W. Va.
Farm G. W. Swisher Acres 107
Location (waters) _____
Well No. 3146 Elev. 1233'
District Greenbrier County Doddridge
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____

Drilling commenced August 5, 1913
Drilling completed Dec. 3, 1913
Date Shot 4-9-18 From _____ To _____
With 20 Qts. Gordon Sand & 10 Qts. Stray Sand
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume 260,640 Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED _____

Casing and W. Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16"			<u>Hook Wall</u>
13"			Size of
10" Casing	<u>1158</u>	<u>Pulled</u>	<u>5 x 3</u>
8 1/4" Casing	<u>1760'8"</u>	<u>Pulled</u>	Depth set
6 5/8" Casing	<u>2207'10"</u>	<u>Left In</u>	<u>2795' 10"</u>
5 3/16" Casing	<u>2770</u>	<u>Left In</u>	Perf. top
3" Tubing	<u>2949'5"</u>	<u>Left In</u>	Perf. bottom
2" Tubing	<u>5789'15"</u>	<u>5789'15"</u>	Perf. top
3" Jacket	<u>43'2"</u>	<u>Pulled</u>	Perf. bottom
Liners Used			

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 _____ Feet Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Pittsburgh Coal			800	808			
Dunkard Sand			1150	1275			
Salt Sand			1450	1900			
Injun Sand			2217	2314			
Gantz Sand			2568	2610			
Thirty Foot Sand			2765	2795	Gas @ 2778-81		
Stray Sand			2849	2865	Gas @ 2851		
Gordon Sand			2888	2900	Gas @ 2895		
TOTAL DEPTH				2823 S. L.			
			Deeper Filled Up	3180			
				2925			



