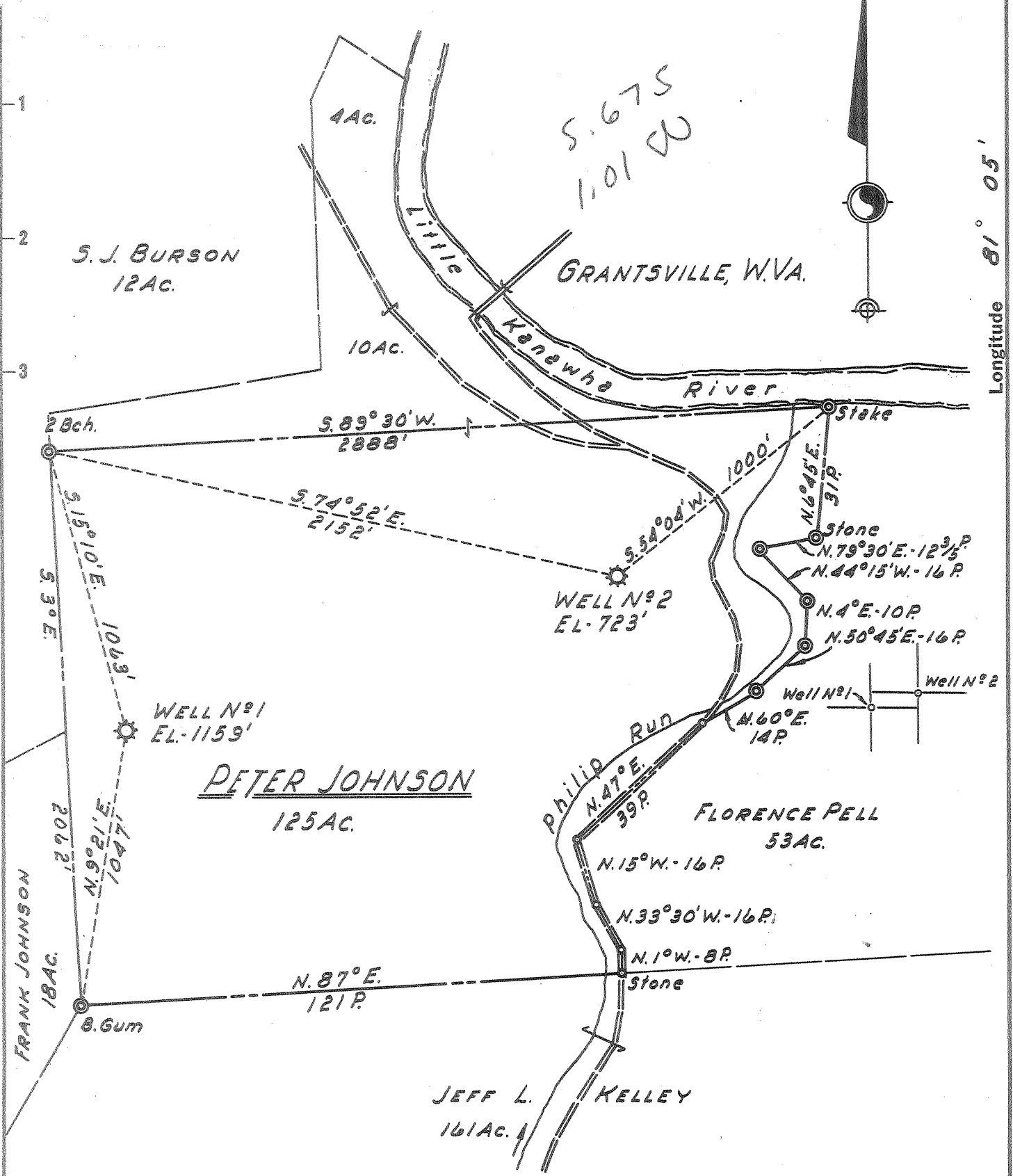


Latitude 39° 00'

Longitude 81° 05'



- New Location
- Drill Deeper
- Abandonment

{ Well N°1 - Formerly Hope Natural Gas Co. Well N° 7433
 { Well N°2 - Formerly Hope Natural Gas Co. Well N° 4852

Company LU RAY LAND, INC.
 Address POINT PLEASANT, WEST VA.
 Farm PETER JOHNSON
 Tract _____ Acres 125 Lease No. _____
 Well (Farm) No. 142 Serial No. _____
 Elevation (Spirit Level) AS SHOWN
 Quadrangle ARNOLDSBURG
 County CALHOUN District CENTER
 Engineer H.P. SUTER
 Engineer's Registration No. 1805
 File No. _____ Drawing No. _____
 Date 27 MAR. 1959 Scale 1"=30 POLES

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

WELL LOCATION MAP
 FILE NO. CAL-353-A # 4852
CAL-354-A # 7433

+ 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.



211

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Amolzburg
Permit No. Cal-354A

WELL RECORD

Oil or Gas Well _____
(KIND)

Company Hope Natural Gas Company
Address Clarksburg, West Virginia
Farm Peter Johnson Acres 1.25

Location (waters) _____
Well No. 7433 Elev. 1159'
District Center County Calhoun

The surface of tract is owned in fee by _____
Address _____

Mineral rights are owned by _____
Address _____

Drilling commenced Nov. 1929

Drilling completed Jan. 30, 1930

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 _____

WELL FRACTURED _____

RESULT AFTER TREATMENT _____

ROCK PRESSURE AFTER TREATMENT _____

Fresh Water _____ Feet _____ Salt Water _____ Feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer _____
13			
10	123'9"	123'9"	Size of _____
8 1/4	1174'2"	1174'2"	
6 5/8	2018'3"	2018'3"	Depth set _____
5 3/16	1852		
3	2169'7"	2169'7"	Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

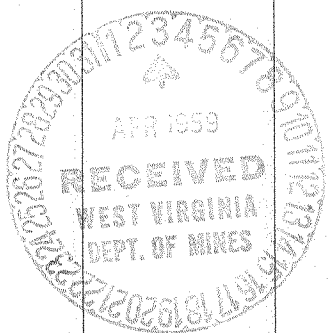
CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

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
Dunkard Sand L			800	840	Gas show at 805		
Dunkard Sand B			1135	1170	Gas at 1168 show		
1st Salt Sand			1400	1480	Gas at 1420		
2nd Salt Sand			1490	1530			
Maxon Sand			1830	1930	Gas show	1927 1901-04	
Big Lime			1967	2019			
Keener Sand			2019	2070	Gas show	2020 2084-90	
Injun Sand			2070	2121		2100-15	
Total Depth				2156			



NOV 5 1959

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

Date March 3, 1959

APPROVED LuRay Land, Inc. Owner

By Byron M. Finch
Byron M. Finch (Title) Consultant