

Latitude 39° 25'

Longitude 80° 45'

N. A. JOSEPH
188 AC.

J. T. KEYS
85 AC.

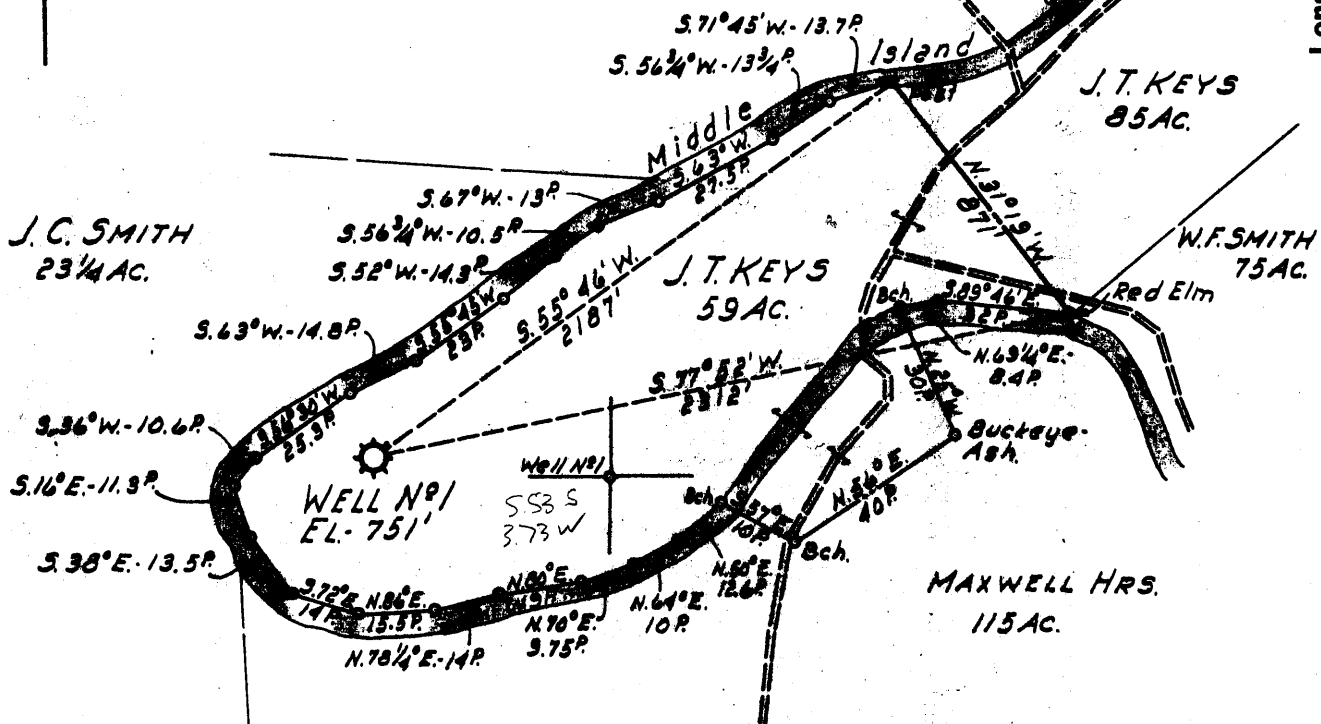
J. C. SMITH
23 1/4 AC.

J. T. KEYS
59 AC.

W. F. SMITH
75 AC.

MAXWELL HRS.
115 AC.

E. CAIN
97 AC.



7.5 loc
 2515 39 2230
 1.45 W 804730

K6
 9/24/98 15' loc calc
 5.39 S 3925
 3.68 W 8045
 722

New Location ..
 Drill Deeper
 Abandonment

Formerly Hope Natural Gas Co. Well No 3321

Company LURAY LAND, INC.
 Address POINT PLEASANT, WEST VA.
 Farm J. T. KEYS
 Tract _____ Acres 59 Lease No. _____
 Well (Farm) No. 1 Serial No. 3321
 Elevation (Spirit Level) 751'
 Quadrangle WEST UNION
 County DODDRIDGE District WEST UNION
 Engineer H. P. SUTER
 Engineer's Registration No. 1805
 File No. _____ Drawing No. _____
 Date 22 JUNE, 1959 Scale 1" = 40 POLES

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

WELL LOCATION MAP
 FILE NO. DOD-1117-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.



1049

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle West Union

Permit No. 1117A

WELL RECORD

Oil or Gas Well _____ (KIND)

Company Hope Natural Gas Company
Address Clarksburg, West Virginia
Farm J. T. Keys Acres 59

Location (waters) _____
Well No. 3321 Elev. 751'

District West Union County Doddridge

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

Mineral rights are owned by _____
Address _____

Drilling commenced Dec. 30, 1913

Drilling completed April 24, 1914

Date Shot 10-31-21 From Injun 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 _____

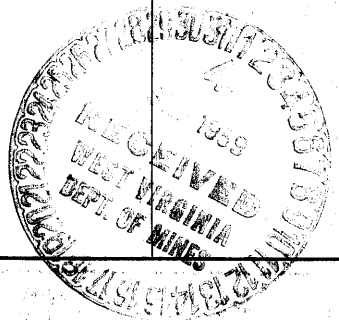
Fresh Water _____ Feet Salt Water _____ Feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	102	102	
10	307	Pulled	Size of
8 1/4	810	17'5"	
6 5/8	1642	1642	Depth set
5 3/16			
2	1791'3"	1791'3"	Perf. top
2 Perf.	8'2"	8'2"	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
Pittsburgh Coal			372	374			
Dunkard Sand			635	735			
Salt Sand			900	1380			
Maxon Sand			1500	1560			
Injun Sand			1686	1786	Gas at 1770-72		
Total Depth			1788 S.L.				



NOV 5 1959

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

Date June 3, 19 59

APPROVED Lufay Land, Inc., Owner

By Byron M. Finch
 (Title) Consultant