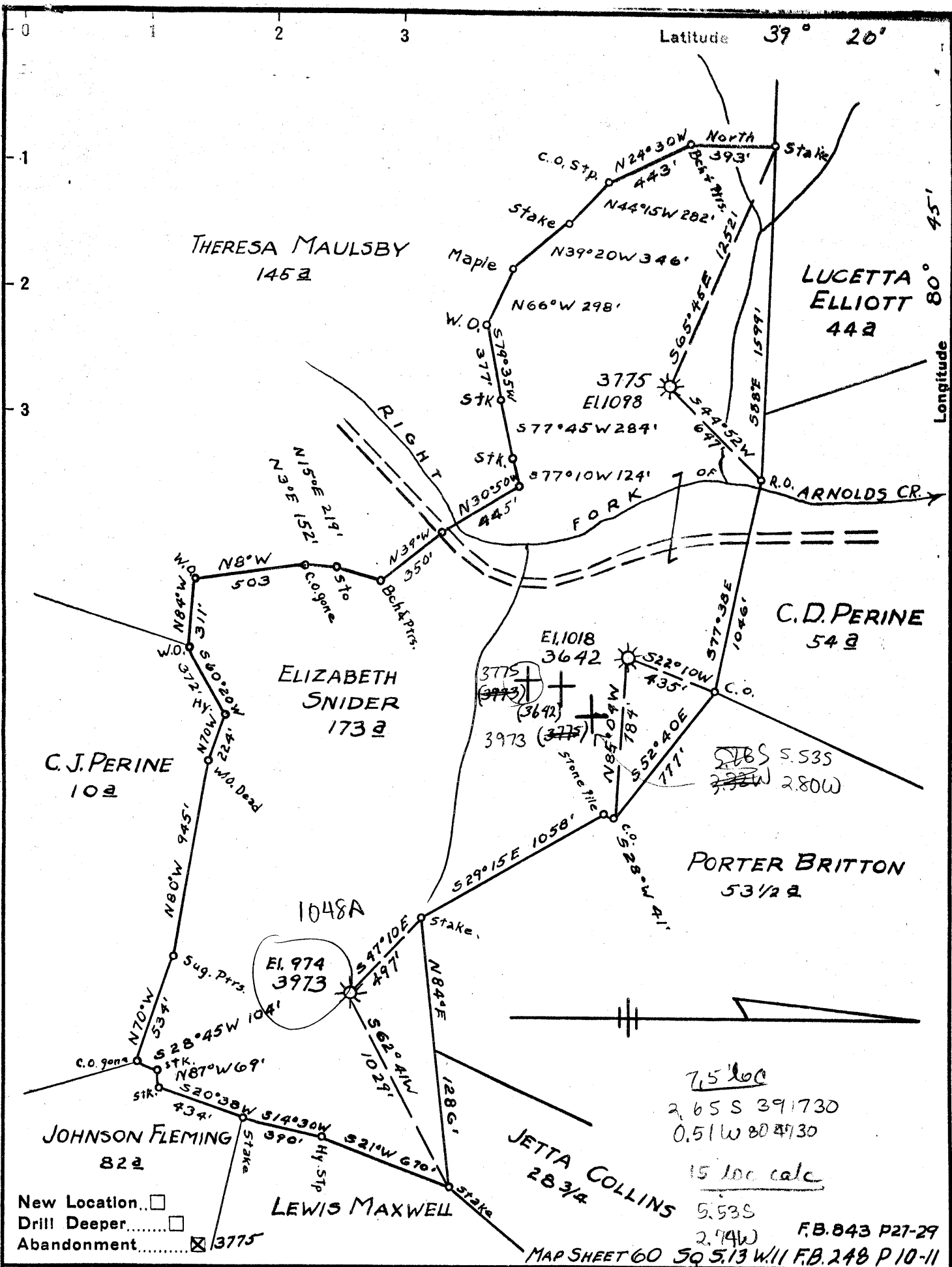


Latitude 39° 20'

Longitude 95° 45'



75' loc
 2.65 S 391730
 0.51 W 80 4730
 15' loc calc
 5.535
 2.74W F.B. 843 P27-29
 MAP SHEET 60 50 5.13 W/11 F.B. 248 P 10-11

Company HOPE NATURAL GAS CO.
 Address CLARKSBURG W. VA.
 Farm ELIZABETH SNIDER
 Tract _____ Acres 173 a Lease No. 4780
 Well (Farm) No. _____ Serial No. See Above
 Elevation (Spirit Level) _____ See Above
 Quadrangle WEST UNION
 County DODDRIDGE District WEST UNION
 Engineer Wm Brown
 Engineer's Registration No. 900
 File No. _____ Drawing No. _____
 Date 2-17-47 Scale 1" = 600'

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

WELL LOCATION MAP
 FILE NO. DOD-555-A; #3775
DOD-1048-A-#3973

+ 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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

997

WELL RECORD

Quadrangle West Union

Permit No. 10487

Oil or Gas Well Gas
(KIND)

Company Hope Natural Gas Company

Address 445 West Main Street, Clarksburg, W. Va.

Farm Elizabeth Snider Acres 173

Location (waters) _____

Well No. 3973 Elev. 974'

District West Union County Doddridge

The surface of tract is owned in fee by _____

Address _____

Mineral rights are owned by _____

Address _____

Drilling commenced 12-17-16

Drilling completed 4-13-16

Date Shot 4-19-16 From ? To ?

With 30 Qts.

Open Flow _____ /10ths Water in _____ Inch

_____ /10ths Merc. in _____ Inch

Volume Exhausted Cu. Ft.

Rock Pressure _____ lbs. _____ hrs.

Oil _____ bbls., 1st 24 hrs.

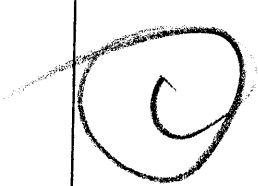
Fresh water No record feet _____ feet

Salt water do feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10			Size of
8 1/4	<u>928</u>	<u>928</u>	
6 1/2	<u>1722</u>	<u>1722</u>	Depth set
5 3/16			
3	<u>1890</u>	<u>1890</u>	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

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

COAL WAS ENCOUNTERED AT 120 FEET 48 INCHES
400 FEET 72 INCHES FEET INCHES
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks	
Native Coal			120	124				
Pittsburgh Coal			400	406				
Little Dunkard			782	823				
Big Dunkard			870	900				
Gas Sand			910	1120				
1st Salt			1190	1250				
2nd Salt			1314	1390				
Maxon			1470	1502				
Little Lime			1665	1681				
Pencil Cave			1681	1685				
Big Lime			1685	1776		Gas	1725	
Big Injun			1776	1865		Gas	1857-61	
Gantz			1990	2041				
Gordon			2505	2506				
Original Total Depth				2920'				

Well filled back when drilled to 1890' present total Depth.

SEP 1955
RECEIVED
WEST VIRGINIA
DEPT. OF MINES

JUL 1955
RECEIVED
WEST VIRGINIA
DEPT. OF MINES

Hope Natural Gas Company
July 12, 1955
B. R. NUZUM
General Superintendent
By Pauley

CT 6 1955