

+ 0.68 S
3.12 W

J. BENEDUM
64 $\frac{1}{2}$

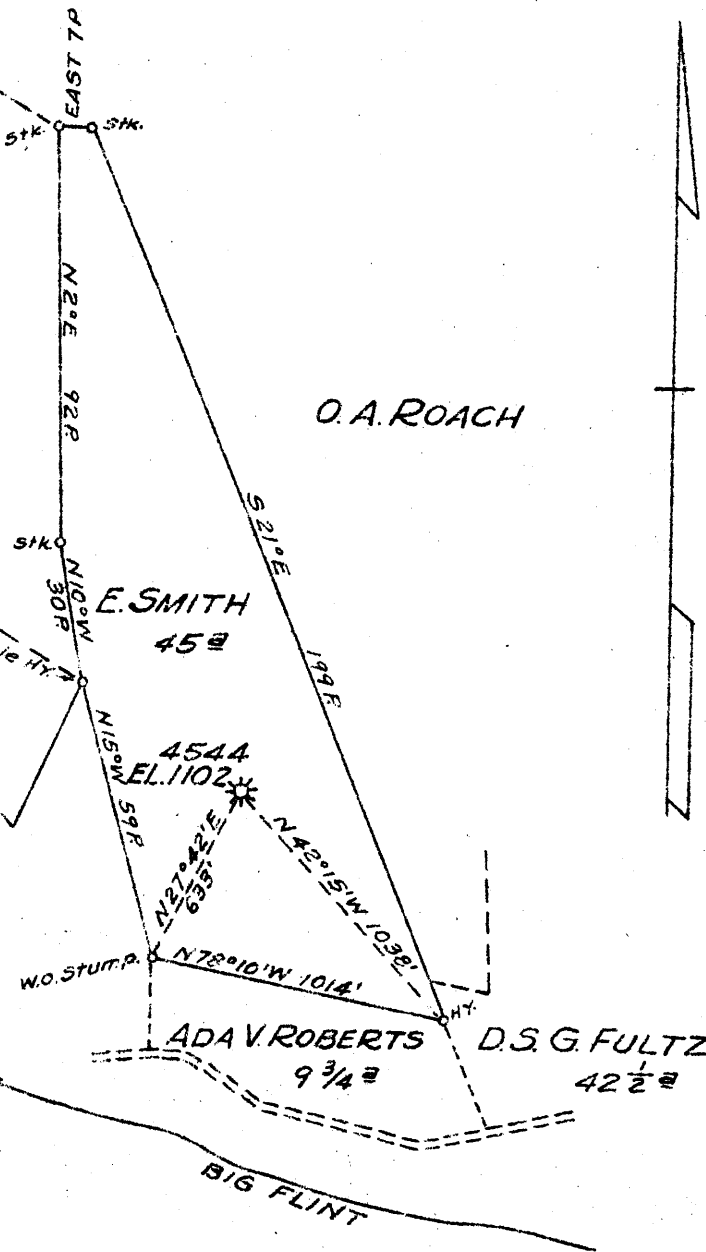
O.A. ROACH

E. SMITH
45 $\frac{1}{2}$

LILLIAN GASKINS
67 $\frac{1}{2}$

ADA V ROBERTS
9 $\frac{3}{4}$ $\frac{1}{2}$

D.S.G. FULTZ
42 $\frac{1}{2}$ $\frac{1}{2}$



New Location...
 Drill Deeper...
 Abandonment...

75 loc
 0.71 S 320
 0.20 W 803730
 Calc 15' loc
 0.71 S, 3.10 W 1/15/98

Map Sheet 54 Square S9W2 F.B. 551 P. 19 & 22

Company HOPE NATURAL GAS CO.
 Address CLARKSBURG, W.VA.
 Farm E. SMITH
 Tract _____ Acres 45 Lease No. 27436
 Well (Farm) No. _____ Serial No. 4544
 Elevation (Spirit Level) 1102
 Quadrangle CENTERPOINT
 County DODDRIDGE District GRANT
 Engineer W.M. Powers
 Engineer's Registration No. 900
 File No. _____ Drawing No. _____
 Date JUNE 15, 1945 Scale 1"=40 P

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

WELL LOCATION MAP
 FILE NO. DOD-488-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



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

390

WELL RECORD

Permit No. 488-A

Oil or Gas Well (KIND)

Company Hope Natural Gas Company.
Address 445 West Main St/Clarksburg, W. Va.
Farm E. Smith Acres 45
Location (waters) _____
Well No. 4544 Elev. 1102
District Grant County Doddridge
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced December 16, 1916
Drilling completed January 30, 1917
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.
Fresh water _____ feet _____ feet
Salt water 1535 1565 feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	200	200	Size of
8 1/4	1198	1198	
6 5/8	1956	1956	Depth set.
5 3/16	1960	1960	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED Not cemented SIZE No. Ft. Date

COAL WAS ENCOUNTERED AT 634 FEET 72 INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Pittsburgh Coal			634	640			
Little Dunkard			1010	1030			
Gas sand			1295	1365			
First Salt			1420	1460			
Second Salt			1500	1632	water	1535- 1565	
Little Lime			1860	1915			
Pencil cave			1915	1921			
Big Lime			1921	1984			
Big Injun			1984	2068	gas	2003- 2017	
Total depth				2070			

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

Date June 19, 1945, 194

APPROVED Hope Natural Gas Company., Owner

By Ed Frantz
Ass't. to Gen. Supt.
(Title)