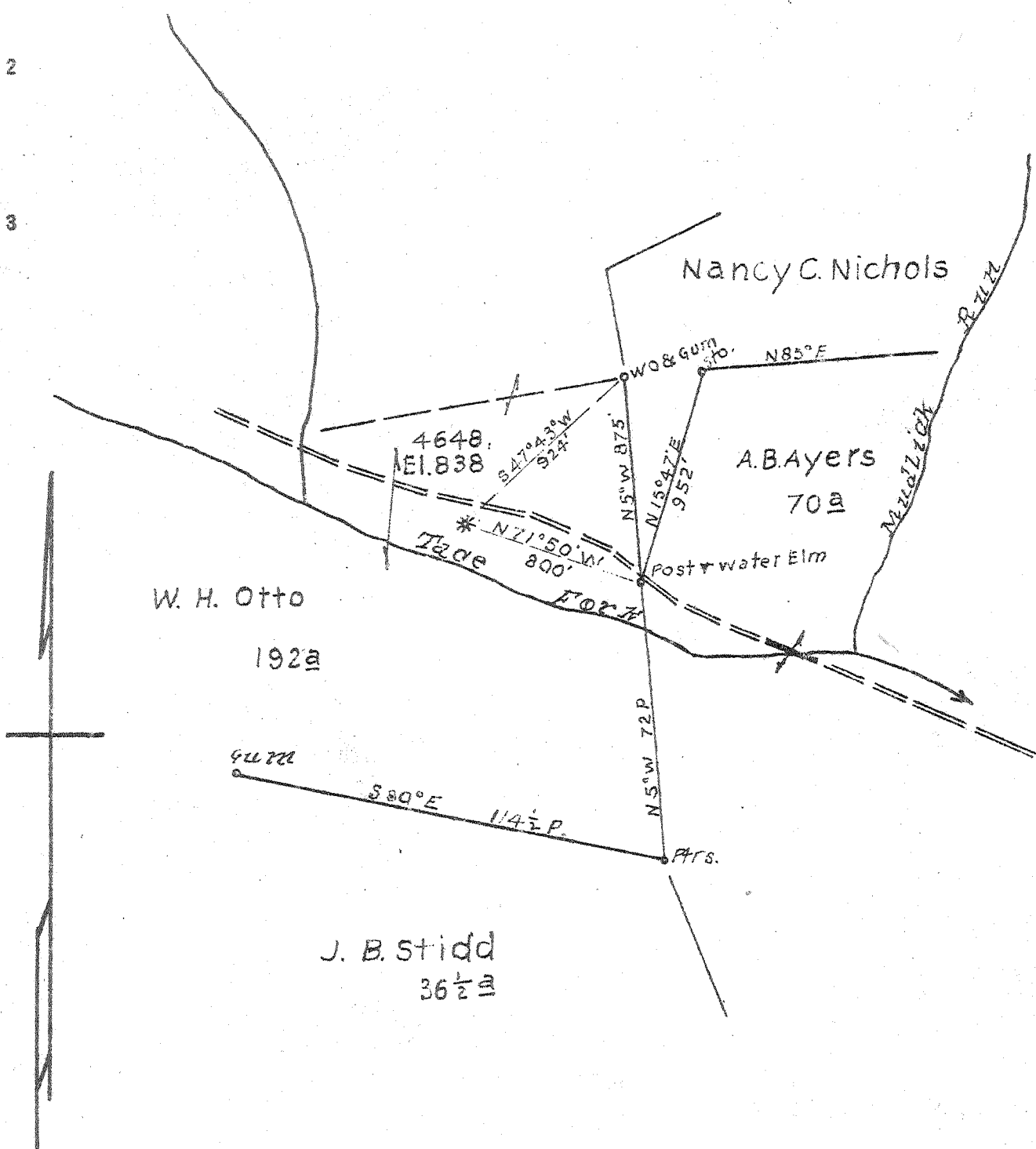


.90 3
1.00 W



New Location
 Drill Deeper
 Abandonment Partial

Map Sh. 88 531 W 29 EB. 890 Pa. 9

Company Hope Natural Gas Co.
 Address Clarksburg, W. Va.
 Farm W. H. Otto
 Tract _____ Acres 192 Lease No. 23566
 Well (Farm) No. _____ Serial No. 4648
 Elevation (Spirit Level) 838
 Quadrangle Arnoldsburg
 County Gilmer District Dekalb
 Engineer W. M. Bowers
 Engineer's Registration No. 900
 File No. _____ Drawing No. _____
 Date 6-7-48 Scale 1" = 40 P

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

WELL LOCATION MAP
 FILE NO. GIL-262-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.

Dekalb District, Gilmer County, W. Va.

By Hope Natural Gas Co., 445 W. Main St., Clarksburg, W. Va.

Abandoned under permit Gil-262-A.

On 192 acres.

Elevation, 838' L.

Drilling commenced July 25, 1917; completed Aug. 29, 1917.

No water recorded.

13" casing, 764' ; 10", 161' (pulled); 8 $\frac{1}{2}$ ", 806'; 5 $\frac{1}{8}$ ", 1695'.

Casing not cemented.

No coal recorded.

Gas well. Abandonment reported to Dept. of Mines May 25, 1948.

Record to ROT from Mrs. Griffith July 23, 1948. Old File No. 402.

	Top.	Bottom.
Little Dunkard Sand	625	- 650
Big Dunkard Sand	790	- 960
Gas Sand	1035	- 1105
First Salt Sand (gas, 1378')	1375	- 1454
Maxton Sand (gas, 1574')	1522	- 1607
Little Lime	1615	- 1645
Pencil Cave	1645	- 1655
Big Lime (gas, 1732')	1655	- 1746
Big Injun Sand (gas, 1801-1806')	1746	- 1816
Total depth		2162
Filled back to		1845

TO BE PARTIALLY ABANDONED.



For

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. 262-A

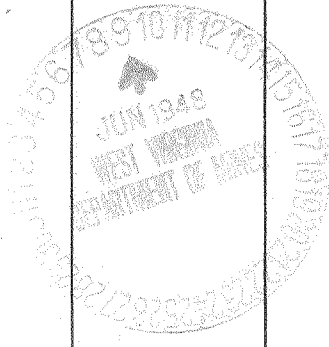
Oil or Gas Well _____
(KIND)

Company Hope Natural Gas Company.
Address 445 West Main St., Clarksburg, W. Va.
Farm W.H. Otto Acres _____
Location (waters) _____
Well No. 4648 Elev. 838
District De Kalb County Gilmer
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced July 25, 1917
Drilling completed August 29, 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 none recorded feet _____ feet
Salt water none recorded feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	76	76	
10	161	<u>Pulled 161</u>	Size of
8 1/4	806	806	
6 5/8			Depth set
5 3/16	1695	1695	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED NPT SIZE _____ No. Ft. _____ Date _____
None recorded
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 Found	Remarks
Little Dunkard			625	650			
Big Dunkard			790	960			
Gas sand			1035	1105			
First Salt			1375	1454	gas	1378	
Maxon			1522	1607	gas	1574	
Little Lime			1615	1645			
Pencil cave			1645	1655			
Big Lime			1655	1746	gas	1732	
Big Injun			1746	1816	gas	1802 1806	
Drilled to				2162			
Filled back to				1845			
TO BE PARTIALLY ABANDONED.							



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

Date MAY 25, 1918, 19

APPROVED Hope Natural Gas Company, Owner

By _____ (Title)

JBI