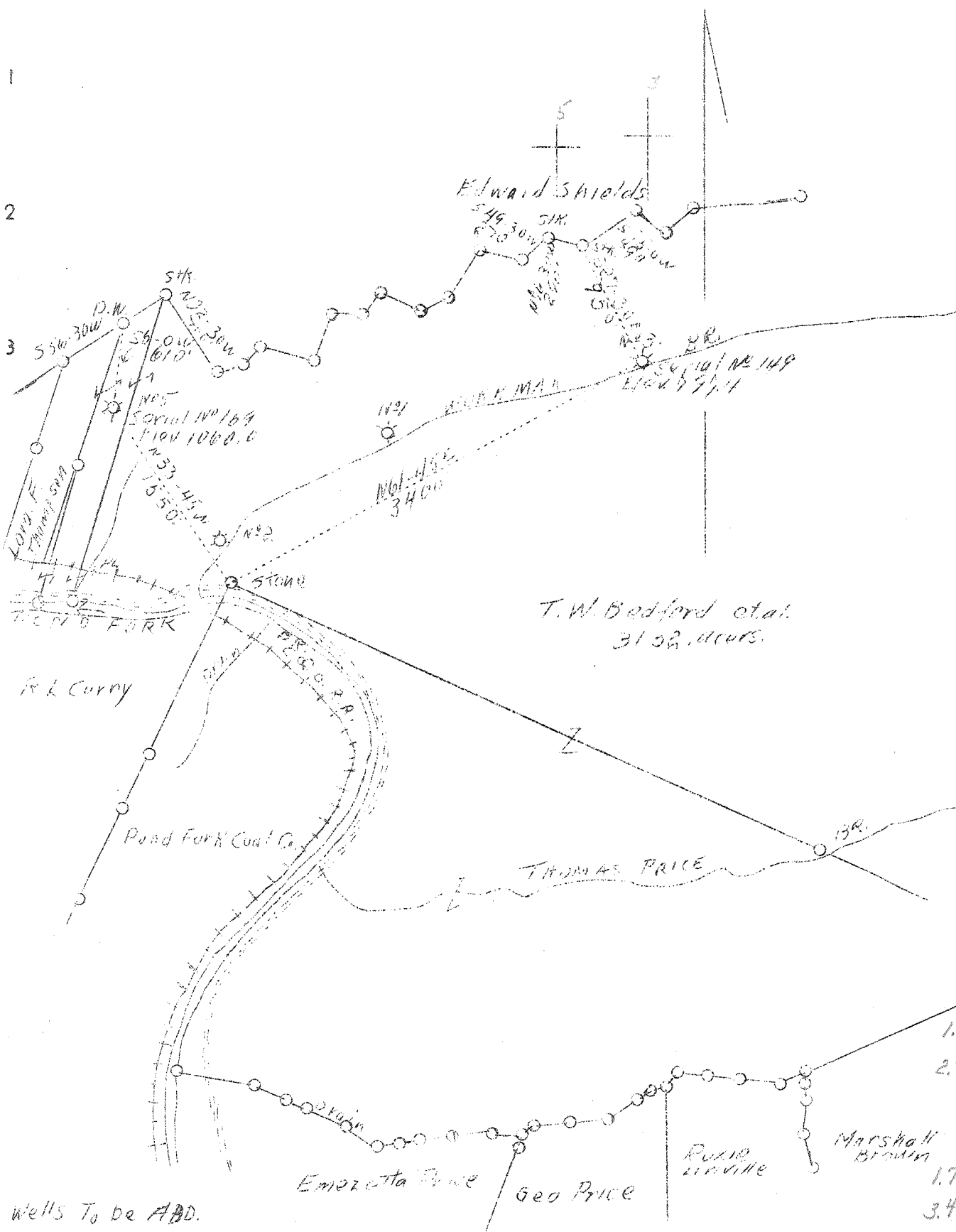


LATITUDE 38° 05'

LONGITUDE 81° 45'



Company Owens Libbey Owens Gas Dept.
 Address Box 1375, Charleston, W.Va.
 Farm T.W. Bedford et al
 Tract Acres 3132 Lease No. 234
 Well (Farm) No. 3 & 5 Serial No. 149 &
 Quadrangle Madison SE 169
 County Boone
 District Scott
 Engineer Joe L. Price
 Engineer's Registration No.
 File No. Drawing No.
 Date May 6, 1938 Scale 1"=1000'

STATE OF WEST VIRGINIA
 Department of Mines
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP

File No. B00-55356 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.

WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION

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WELL RECORD

Permit No. 800-56A

Oil or Gas Well Gas Well
(Kind)

Company The Owens, Libbey-Owens Gas Dept.
 Address P. O. Box 1375, Charleston, W. Va.
 Farm T. W. Bedford, et. al. Acres 3131.65'
 Location (waters) Little Coal River
 Well No. 169 Elev. 1060'
 District Scott County Boone
 The surface of tract is owned in fee by T.W. Bedford, et. al.
c/o Abram G. Nesbitt Address Wilkes-Barre, Pa.
 Mineral rights are owned by Same
 Address June 19th, 1924
 Drilling commenced Sept. 12th, 1924
 Drilling completed Sept. 6th, 1924 Depth of shot 1985-1999'
 Date shot Sept. 6th, 1924
 Open Flow /10ths Water in _____ Inch
 /10ths Merc. in _____ Inch
 Volume _____ 276,000 _____ Cu. Ft.
 Rock Pressure 75 lbs. _____ hrs.
 Oil _____ 260 _____ bbls., 680 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer <u>Anchor</u>
13			
10	<u>610'</u>	<u>610'</u>	Size of <u>6 5/8" x 2"</u>
8 1/4	<u>1271'</u>	<u>1271'</u>	Depth set <u>1311'</u>
6 5/8			
5 3/16	<u>611'</u>	<u>611'</u>	
3	<u>1419'</u>	<u>1419'</u>	Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
 COAL WAS ENCOUNTERED AT 548 FEET 120 INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Soil			0	9			
Sand			9	50			
Slate & Shells			50	90			
Sand			90	130			
Slate			130	260	Water	260'	Hole full
Sand			260	320			
Slate & Shells			320	365			
Broken Sand			365	505			
Slate			505	510			
Sand			510	548			
Coal			548	558			
Sand			558	660			
Slate			660	680	Water	680'	Hole full
Salt Sand			680	990			
Slate & Shells			990	1025			
Red Rock			1025	1028			
Lime			1028	1090			
Slate			1090	1100			
Red Rock			1100	1105			
Black Lime			1105	1120			
Maxton Sand			1120	1155			
Little Lime			1155	1185			
Pencil Cave			1185	1190			
Slate & Shells			1190	1220			
Lime Shells			1220	1226			
Pencil Cave			1226	1230			
Big Lime			1230	1500	Gas	1336-1337'	
Big Injun Sand			1500	1535	"	1395-1400'	
Lime Shells			1535	1560			
Slate & Shells			1560	1650			
Weir Sand			1650	1700			
Slate & Shells			1700	1935			
Lime Shells			1935	1950			
Slate & Shells			1950	1955			
Lime Shells			1955	1960			
Slate			1960	1964			
Brown Shale			1964	1978			
Berea Sand			1978	2003	Gas	1984-1999	
Black Lime			2003	2030	Oil	1999-2661	Show
Total depth				2030			

