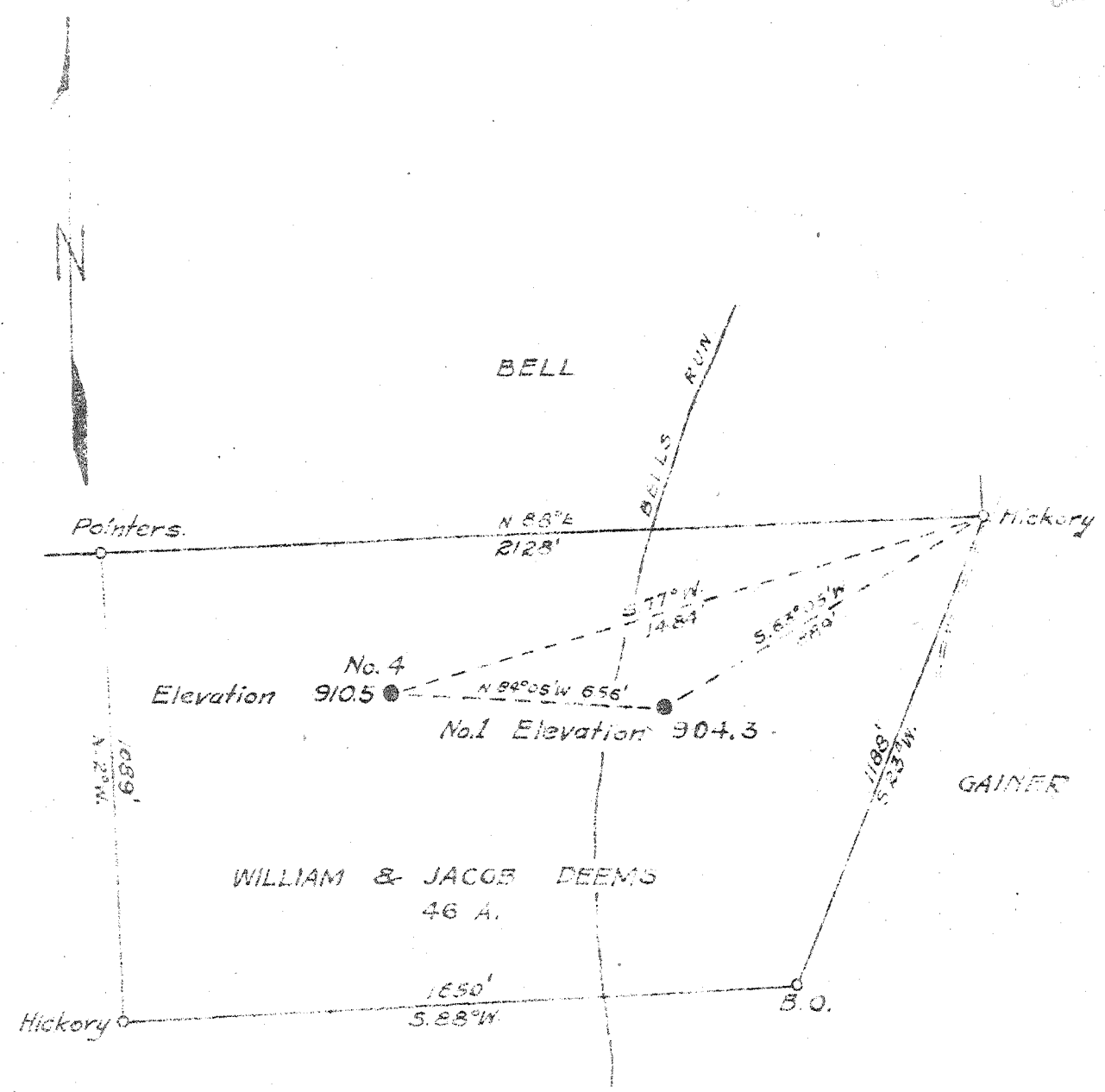


Latitude 38 55 4 1
 0 1 2 3
 0.415
 0.10W
 0.405
 0.27W



New Location
 Drill Deeper
 Abandonment

Company F. S. DEEM
 Address HARRISVILLE, W. VA.
 Farm WILLIAM & JACOB DEEMS
 Tract _____ Acres 46 Lease No. _____
 Well (Farm) No. 1 & 4 Serial No. _____
 Elevation (Spirit Level) 9043 & 910.5
 Quadrangle ARNOLDSBURG
 County CALHOUN District CENTER
 Engineer B. F. RINEHART
 Engineer's Registration No. 648
 File No. _____ Drawing No. 685-CC
 Date May 10, 1948 Scale 1 in. = 400 ft.

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

WELL LOCATION MAP
 FILE NO. CAL-237-A-#4
CAL-238-A-#1

+ 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

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WELL RECORD

Permit No. 238-A Oil or Gas Well Oil
(Kind)

Company F. S. Deem
Address Harrisville, W. Va.
Farm William & Jacob Deems Acres 46
Location (waters) Bells Run, Little Kanawha Riv.
Well No. 1 Elev. 904.3
District Center County Calhoun
The surface of tract is owned in fee by William & Jacob Deems
Address Hur. W. Va.
Mineral rights are owned by Same
Address.....

Casing and Tubing	Used in Drilling	Left in Well	Packers
16			Kind of Packer.....
13			
10			Size of.....
8 1/4			
6 5/8	1813	1313	Depth set.....
5 3/16	105	105	
3			Perf. top.....
2 <i>Pulled</i>			Perf. bottom.....
Liners Used.....			Perf. top.....
			Perf. bottom.....

Drilling commenced.....
Drilling completed.....
Date shot Sept. 23, 1911 Depth of shot 2310-2328
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..... feet..... feet

CASING CEMENTED..... SIZE..... No. Ft..... Date
COAL WAS ENCOUNTERED AT..... FEET..... INCHES
..... FEET..... INCHES..... FEET..... INCHES
..... FEET..... INCHES..... FEET..... INCHES

Fermentation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Big Dunkard			990	1090			
Salt Sand			1600	1745			
Maxton			1745	1770			
Big Lime			1815	1930			
Big Injun			1930	1955			
Perea			2300	2340			
Total Depth				2340			

