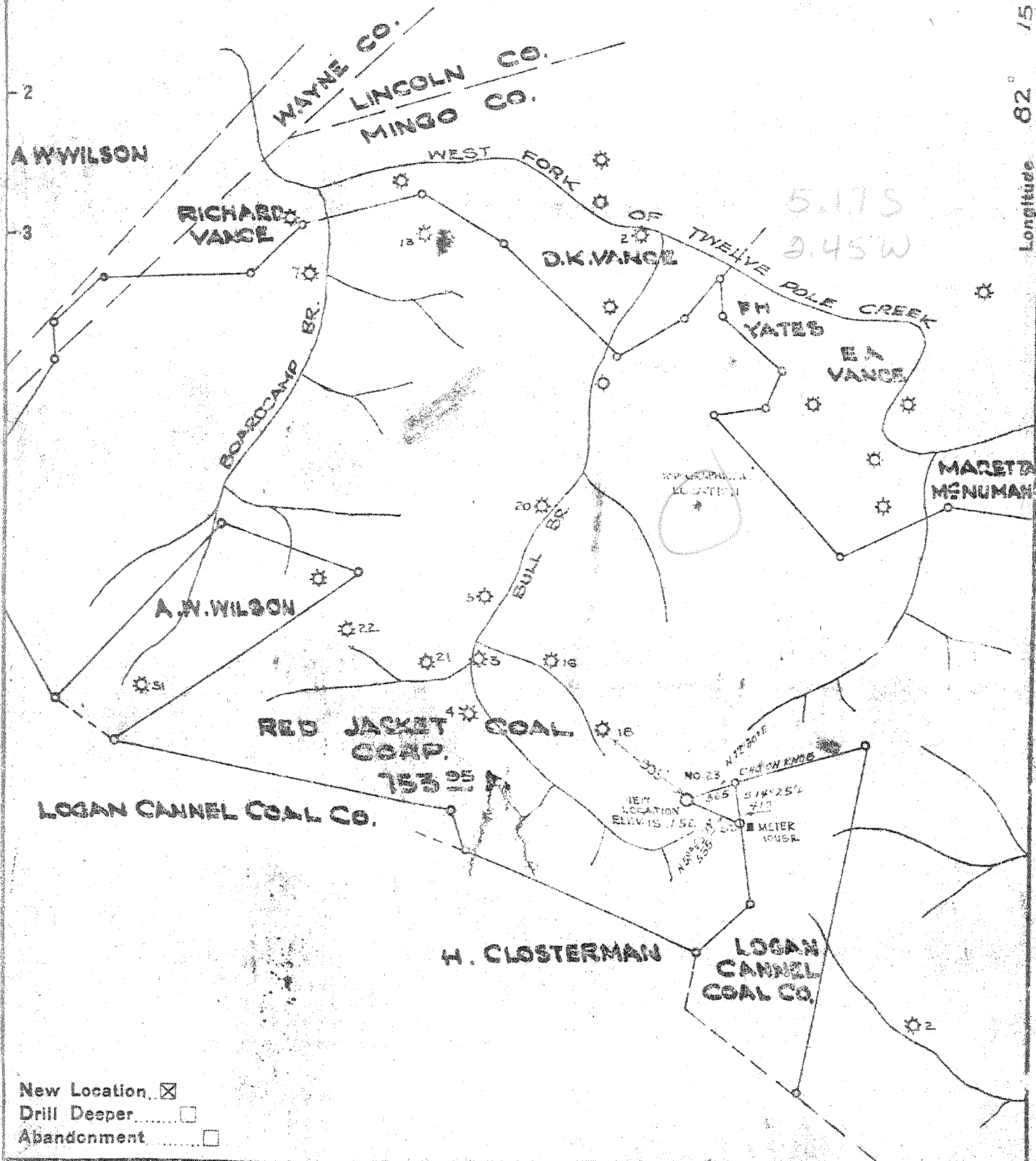


Latitude 38° 00'

Longitude 82° 15'



New Location
 Drill Deeper
 Abandonment

Company BOYD OIL & GAS CO.
 Address CHARLESTON, W. VA.
 Farm RED JACKET COAL CORP
 Tract _____ Acres 153.95 Lease No. _____
 Well (Farm) No. 23 Serial No. _____
 Elevation (Spirit Level) 1527.52
 Quadrangle NAUGATUCK W. VA - KY NE
 County MINGO District HARVEY
 Engineer L. E. Wallace Sr.
 Engineer's Registration No. LAWRENCE CO. KY.
 File No. _____ Drawing No. _____
 Date SEP 12 1910 Scale: 1" = 1320'

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

WELL LOCATION MAP
 FILE NO. MIN-239

+ 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.

Deep Well

6-6 243

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
W E L L R E C O R D

Permit No. MIN-239
Naugatuck Quad.

Gas

Company	Boyd Oil & Gas Co., Beauty, Ky.	CASING & TUBING	
Farm	Red Jacket Coal Co. Acres 75 ⁴		
Location	Twelve Pole Creek	10	16
Well No.	23 Elev. 1527.52	8 ¹ / ₄	378-10
District	Harvey County - Mingo	6 5/8	1953
Surface	Red Jacket Coal Co., Columbus, O.		
Mineral	Same		
Commenced	Jan. 27, 1951	Anchor Packer	
Completed	April 6, 1951	6 5/8 x 8 1/4	
Date Shot	4/9/51 from 4016 to 3318	Depth Set 1953	
With	4650# Gelatin		
Open Flow	24/10ths Water in 2"		
Volume	207 M	Salt Water 1315'	

Soil	0	15	Slate	1645	1660
Slate	15	30	Lime	1660	1665
Sand	30	65	Red Rock	1665	1700
Slate	65	200	Sandy Lime	1700	1708
Sand	200	260	Slate	1708	1750
Coal	260	262	Maxon Sand	1750	1792
Slate	262	270	Little Lime	1792	1822
Sand	270	330	Slate	1822	1824
Slate	330	336	Big Lime White	1824	2045
Sand	336	440	Big Injun	2045	2068
Slate	440	450	Slate & Shells	2068	2580
Sand	450	520	Coffee Shale	2580	2600
Slate	520	560	Berea Grit	2600	2675
Broken Sand	560	665	Brown Shale	2675	2748
Slate	665	850	Grey Shale	2748	3130
Sand	850	905	Brown Shale	3130	3200
Slate	905	970	White Shale	3200	3290
Sand	970	1005	Brown Shale	3290	3685
Slate	1005	1125	Grey Shale	3685	3930
SALT SAND	1125	1204	Brown Shale	3930	4016
Slate	1204	1207	Corniferous Lime	4016	4016
Salt Sand	1207	1345	TOTAL DEPTH	4016	
Slate	1345	1347			
Sand	1347	1393	Gas	1206-1230	Small
Slate	1393	1412	Water	1315	1 Bailer
Sand	1412	1450	Gas	1565	Inc. to 9/10W2"
Slate	1450	1455	Gas	1628	Inc. to 26/10W2"
Sand	1455	1480	Gas	3545	Show
Slate	1480	1490	Gas	3595	Show
Sand	1490	1500	Gas	3985	Show
Slate	1500	1504			
Broken Sand	1504	1535			
Sand	1535	1590			
Slate	1590	1592			
Broken Sand	1592	1624			
Slate	1624	1625			
Sand	1625	1645			