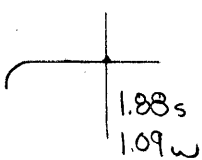


Latitude

Longitude



Topo Location

7.5' Loc. _____ 15' Loc. _____
 _____ (calc.) _____

Company John Murray

Farm SA Richmond #3

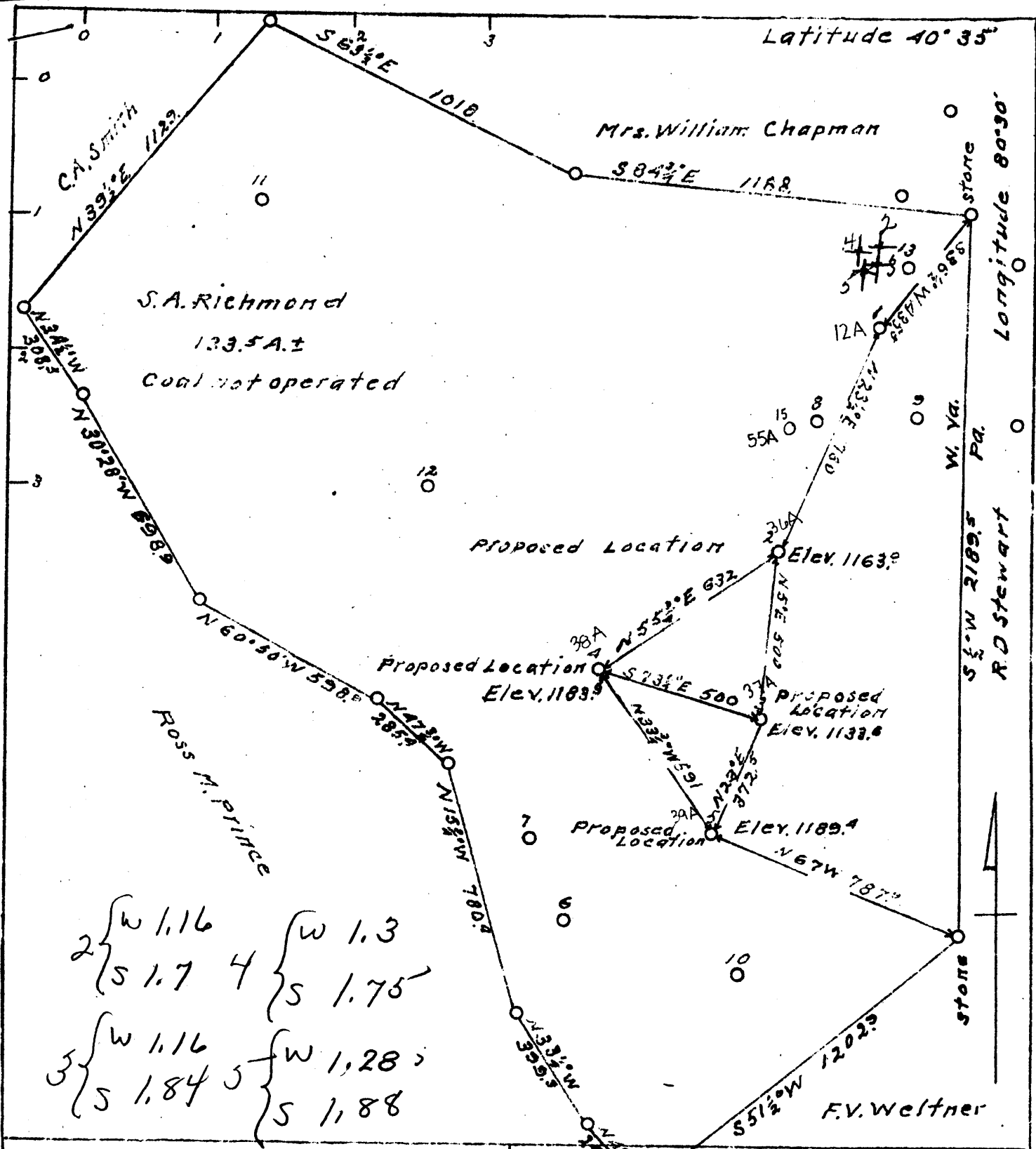
15' Quad _____
 (sec.)

7.5' Quad East Liverpool South

District Clay

WELL LOCATION PLAT

County 029 Permit 30037



2 { W 1.16
 S 1.7 4 { S 1.75
 3 { W 1.16 5 { W 1.28
 S 1.84 5 { S 1.88

Company John Murray
 Address Chester, W. Va.
 Farm S.A. Richmond
 Tract One Acres 133.5± Lease No.
 Well (Farm) No. 2, 3, 4, 5 Serial No.
 Quadrangle Wellsville S.C.
 County Hancock
 District Clay
 Engineer O.B. Morris
 Engineer's Registration No. 916
 File No. Drawing No. Two
 Date Sept. 17, 1940.
 Scale 1 inch = 400 Feet

STATE OF WEST VIRGINIA
 Department of Mines
 Oil and Gas Division
 Charleston
 WELL LOCATION MAP
 File No. HAN-36-37 & 38-39A
 WELLS 2-3 & 4-5
 + 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 lines of original tracing.

S. A. RICHMOND NO. 3 WELL.

Not located.

Clay District, Hancock County, W. Va.
 James Murray and Murray and Miller, of Chester, W. Va.
 5-bbl. well. 4½ mi. S. E. of Chester.

| | Top. | Bottom. |
|--|------|---------|
| Coal (probably Middle Kittanning) | 350 | |
| "Big" coal (probably Lower Kittanning) | 410 | |
| Salt Sand | 514 | |
| Big Injun Sand | 740 | 767 |
| Berea Sand | 1113 | 1160 |

S. A. RICHMOND NO. 4 WELL.

Not located.

| | Top. | Bottom. |
|--------------------------------|------|---------|
| 5-bbl. well. | | |
| Coal (Mahoning?) | 325 | |
| "Big" coal (Lower Kittanning?) | 520 | |
| Salt Sand | 610 | |
| Bottom of Big Injun Sand | | 883 |
| Berea Sand, to bottom | 1212 | 1254 |