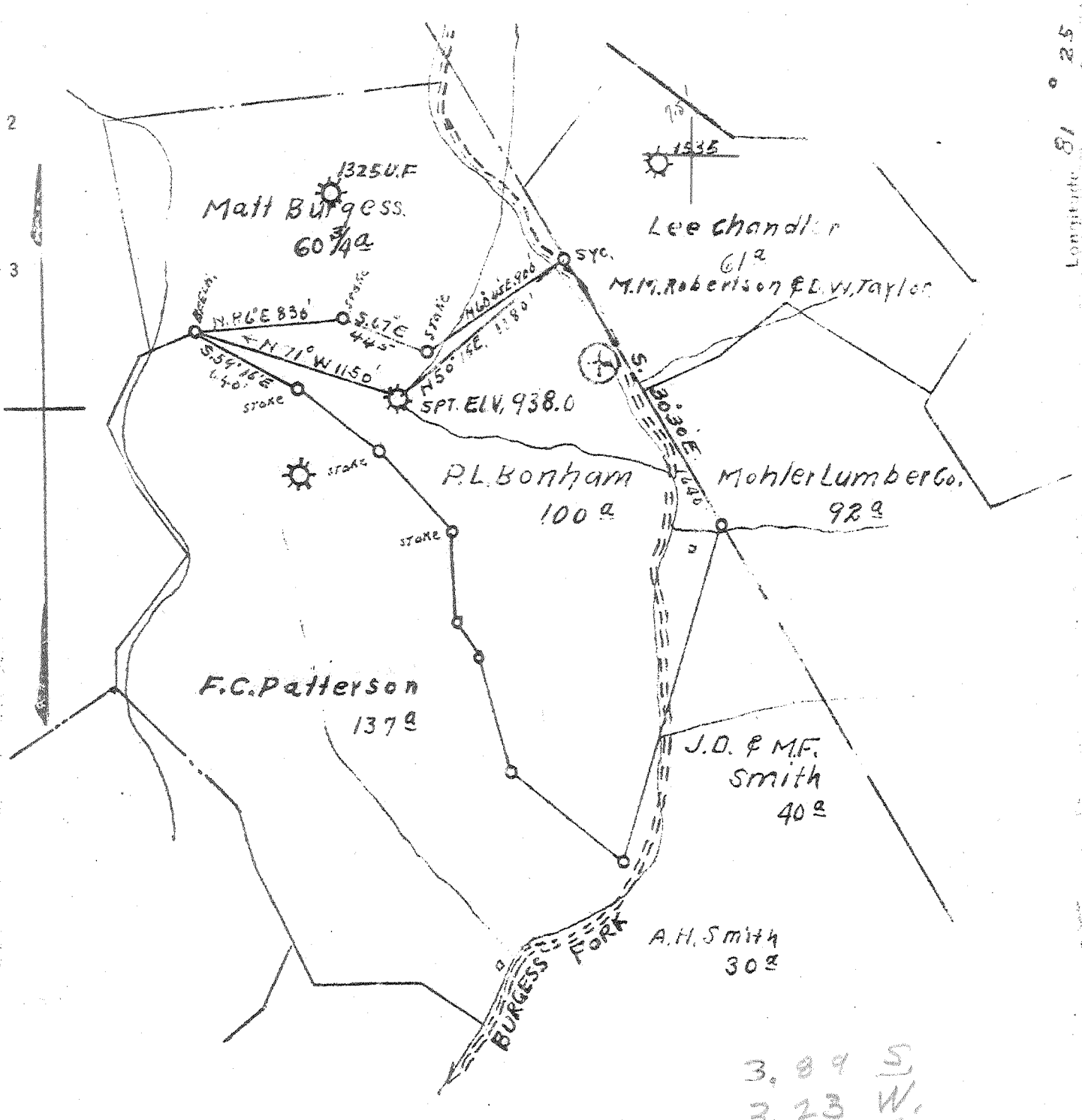


Latitude 38° 35'

Longitude 81° 25'



3,89 S
3,23 W

0615 7.5' loc 15'
39° 32' 30" .935 3.815
81° 27' 30" 1.020 3.270
sek

New Location
Drill Deeper
Abandonment

9 SW (I-6)

Company <u>A.C. RADFORD</u>	
Address <u>114 WASHINGTON ST. W. CHARLESTON, W.VA.</u>	
Farm <u>P.L. BONHAM</u>	
Acres <u>100</u>	Lease No. _____
Well (Farm) No. <u>1</u>	Serial No. _____
Elevation (Spirit Level) <u>938</u>	
Quadrangle <u>WALTON - SW</u>	
County <u>KANAWHA</u>	District <u>ELK</u>
Engineer <u>J. Moore</u>	
Engineer's Registration No. <u>159</u>	
File No. _____	Drawing No. _____
Date <u>2-10-48</u>	Scale <u>1" = 800'</u>

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

WELL LOCATION MAP
FILE NO. KAN-1417-D

+ 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.

Deepwell

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

Permit No. Kan 1417-D
Walton Quad.

Dry Hole
CASING & TUBING

Company	A.C. Radford	5 3/16	5137'	None
Address	114 W. Washington St. Charleston, W.Va.			
Farm	P.L. Bonham A 100			
Location	Sandy			Casing cemented: 5 3/16 90' June 4
Well No.	1 Elev. 938			
District	Elk Kanawha County			No coal
Surface	Mr. Lowe, Frame, W.Va.			
Mineral	Dr. Grover Robinson, Hall St. Charleston, W.Va.			
Commenced	March 23, 1948			
Completed	June 18, 1948			
Not shot				
Volume	None			
Rock Pressure	None			
Oil	None			

Well started at 1893' depth

Sand Wh	H	1893	1900
Black Lime	S	1900	1940
Slate & Shells Br	H	1940	3790
Brown Slate	S	3790	3860
White Slate & Shells Wh	S	3860	3995
Brown Slate	S	3995	4110
White Slate Wh	S	4110	4700
Brown Slate	S	4700	4780
White Slate	S	4780	4830
Brown Slate	S	4830	5040
White Slate	S	5040	5090
Brown Slate	S	5090	5129
Black Slate	S	5129	5157
Corniferous Gr	H	5157	5284
Oriskany Gr	H	5284	5334
Black Lime	S	5334	5356
Sand Gr	H	5356	5358
Lime Gr	H	5358	5364
Total depth			5364

5157	5284	5358
938	938	938
<hr/>	<hr/>	<hr/>
4219	4346	4420

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Oil or Gas Well Gas

Permit No. 1417

Company A. C. Radford
Address 114 West Washington Street
Farm Charleston, W. Va. Acres 100
Location (waters) Sandy
Well No. 1 Elev. 938
District ELK County Randolph
The surface of tract is owned in fee by Mr. Lowe
Frame, W. Va. Address _____
Mineral rights are owned by G. C. Robertson
607 Hall St. Address Charleston, W. Va.
Drilling commenced September 18, 1925
Drilling completed October 24, 1925
Date Shot _____ From _____ To _____
With _____
Open Flow 32 /10ths Water in 2 239mcf Inch
14 /10ths Merc. in 2 582mcf Inch
Volume _____ Cu. Ft.
Rock Pressure None lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water None feet
Salt water None feet

Casing and Tubing	Used in Drilling	Left in Well	Packer
Size			
16			Kind of Packer
18			
10	<u>201' 7"</u>	<u>None</u>	Size of
8 1/2	<u>867' 2"</u>	<u>None</u>	<u>6 5/8 X</u>
6	<u>1727'</u>	<u>All</u>	Depth set
5 3/16			<u>1713' &</u>
3			Perf. top
2	<u>1908'</u>	<u>None</u>	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

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

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Conductor							
Red Rock				14			
Sand				14			
Red Rock			14	25			
Lime			25	70			
Slate			70	95			
Lime			95	112			
Red Rock			112	130			
10" Casing			130	200			
Lime				198			
Slate			230	270			
Lime			270	340			
Slate			340	380			
Sand			380	460			
Slate			460	505			
Sand			505	518			
Slate			518	625			
Sand			625	670			
Slate			670	750			
Sand			750	785			
Slate			785	820			
Sand			820	840			
8-1/2" Casing			840	860			
Slate & Shell				857			
Sand			860	932			
Slate			932	965			
Sand			965	1020			
Slate			1020	1087			
Sand			1087	1170			
Slate			1170	1192			
Salt Sand			1192	1216			
Water			1216	1570			
Water-Hole full				1250			
Slate				1315			
Maxon			1570	1573			
Slate			1573	1660			
			1600	1665			
				1685			

(Over)

Formation	Copter	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Little Lime			1665	1685			
Slate			1685	1688			
Lime Shell			1688	1695			
Pencil Cave			1695	1701			
Big Lime			1701	1843			
6-5/8" Casing				1713			
Big Injun			1843	1881			
Gas			1843	1848			
Gas			1858	1871			
Total Depth				1893			

Steel
Meas
Total
1893

DEPARTMENT OF MINES
Geological Survey

Date July 1 1925

APPROVED W. H. Bradford
By W. H. Bradford
(Title)