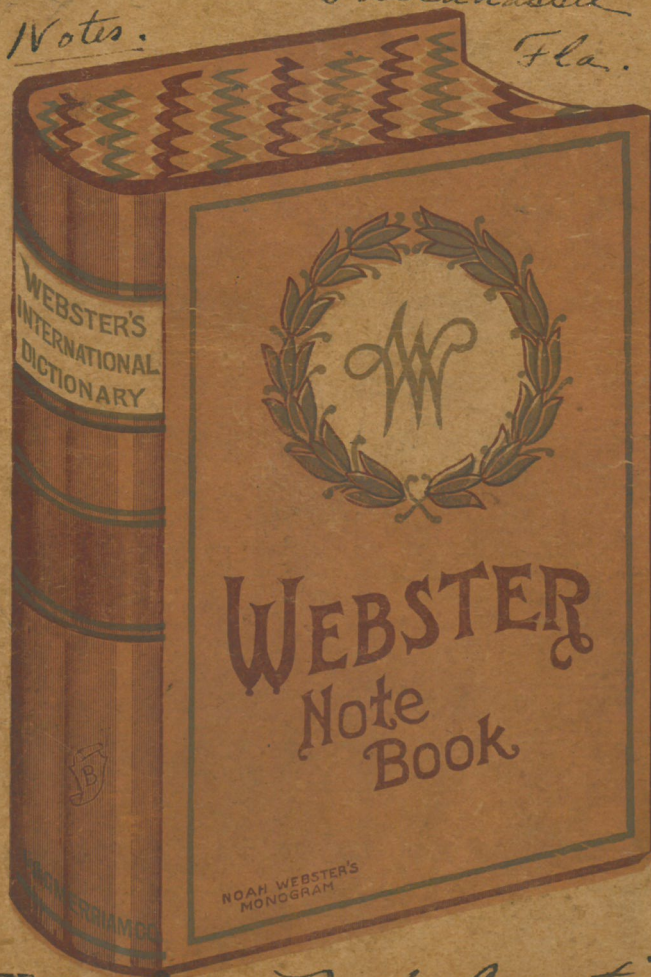


#2

Harmon Grant
Tallahassee
Fla.

Notes.



Bradford & Butler Counties.

Clare Amy Simmons
24 Woodkins

Waldo Area

Connector with Gainesville Area

Gainesville to Waldo is 14 mi

The country between following S.A.S.
is high nearly uniform, rising to
the south west going to Newmans
Lake. There are no deep
wells along the route

of Stringfellow's still
4 mi from G. One number
2 in diary, wells 14 to 25 ft.
all go to the soft clay. No
hard rock. Water is abun-
dant. Pumping from the
2 in well fails to affect
water. Some of Fairbairn.
Some of step 2 mi from
Waldo.

John winter,

21 m.

Purch. 39 Total 54 ft.
39 ft.

6 ft + 2 in of surface.
Direct pump.

Worked by pumping to 20 ft.
not affected by dry weather.
450 galbms. per minute.
3/4 mi. south west.

33. A. A. Lurden.
 36. Hampton.
 37. near
 38. Eng. mill.
 39. sand
 40. Eng.
 41. 1907
 42.
 43.
 44.
 45.

35. City of Hampton.
 36. Hampton 27 near
 38. NW. Spahnman 39 Limestone.
 40 2 in diam. 41 1907
 42 2 in. 43. Limestone.
 44, 66 45, 55 ft
 48. Fairbank. 47. 19.

Stankle Area.
Lawty section.

35. Bradford Lumber Co.

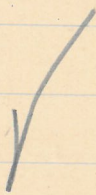
36. $2\frac{1}{2}$ mi. north Lawty on sal Bradford Co.

37. mi. north Lawty. Road

38

39. Level

Not completed. Have
written the geo. map
for information necessary.



Spring Bradford Co

64. W. E. Davis.
65. $5\frac{1}{2}$ mi. ^{n/w} Stauck
66. Heilbrom Springs.
67. none.
68. An alkaline water.
69. none. ✓
70.
71. Not.
72. none.
73. About 250 ^{NO1} pr. min. ^{larger (NO2.} (10 gal. min.)
74. NO. 1 has none. NO 2 has.
75. 70° F
76. Rather hammocky, slight swampy.
77. Boil
78. —

79. ~~He~~. Yes.

80. Drinking purposes.

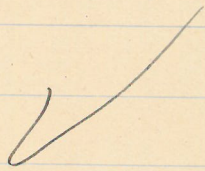
81.

82. Has medicinal properties.

83. Heilbrunn water.

1171

Lake Butler Wells.

35. W. A. Epperson.
 36. Lake Butler, Bradford.
 37. $3/4$ mi. E. Post-office.
 38. Driven well, work done by owner.
 39. Level
 40. 2" driven well
 41. May, 1907
 42. 2"
 43. Sand, clay + sand. to rock.
 - 44.
 45. Slight sulphur.
 - 46.
 47. Water stands at 23 ft. from surface
 48. Hand pump
 - 49.
- 

57. 57

58. Household purposes + stock.

Springs.

Chas. Spring, owned by
a Mr. Odum, about $\frac{1}{2}$ mi
 $\frac{1}{2}$ town on ~~P.R.L.G.~~ S. + F.

Richard Spring, owned by
O.G. Richard about $1\frac{1}{4}$ E. town

James Spring. owned by Mr.
Coffin $\frac{3}{4}$ town.

35. J. W. Mills.
36. Lake Butler. Bradford Worthington.
37. $\frac{1}{4}$ mi S/W of post office
Worthington Spring.
67. Colorado, Sulphur. Sulphur.
68. S. Fe. mg.
69. none.
- 70.
71. Not. ✓
72. none to be seen.
- 73.
74. not affected.
- 75.
76. 158000 gals. min.

77. Boil

78.

79. Flows into Santa Fe river.

80. Drinking purposes, bathing purposes.

81. ^{mineral} Has medicinal properties.

82. Northington Sp. mineral water.

83

84 -

85.

86. Bath house + ~~brick~~ ^{concrete} pool. 45 x 60

87.

J. J. Cox.
Northington, Fla.

Blair, Fla.

$$\begin{array}{r} 103 \frac{1}{2} \\ 103 \frac{92}{18} \frac{1}{2} \\ \hline 80 \end{array}$$

35. ~~A.~~ G. Crawford.
36. Blair, Bradford.
37. $\frac{1}{4}$ mi. E. of town store.
38. Tom Fielder, Alachua, Fla.
39. Water level.
40. 2" well
41. 1899 Jan. ✓
42. 2"
43. Sand $3\frac{1}{2}$ ft. Clay 6 ft. Rocks the balance
44. 103.
- 45.
46. All.
47. Stands 85 ft. from surface
48. Hand force pump.

49.

50.

51. Not affected by pumping.

52-55

56. Good. ✓

57. not liable.

58. Household purposes + street.

Providence

C. S. Odorn

C. M. Clyatt

N. O. Clyatt

G. W. Clyatt

Bryant Dees

Tom Gay.

J. Mesomith.

A. W. Williams

Jane Rado.

John Price

H. G. Crawford

R. B. Strickland

Daniel, Fla. R. F. Dwyer

C. M. Ray.

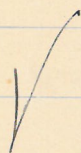
35. C M Chyall.
36. Providence, Bradford.
- 37 $1\frac{1}{4}$ mi. W. turn
38. M: Ivane, [?] Lake City, Fla.
39. Well No. 1. on slight slope northward
40. 2 in
41. 1892
42. 2 in
43. Sand 2 ft. clay stiff 10 ft. softening until
bed rock, ~~then~~ penetrated rock medium about 2 ft.
44. Stands 53 ft. from surface. 62 feet deep.
- 45.
46. all.
- 47 55 feet. from surface
48. Stand pump

49. Inexhaustible

50. - - -

51. None.

52-58.



56-58.

57. not.

58. Household purposes, stores etc.

35. C. m. Clay

36.

37

38. C m Day, L. C. Fla.

39. Elevation, slope westward.

40 2"

41. 1905



42 2"

43. Sand 6 ft. Clay 12 ft. soft substance until struck rock. penetrated rock about 2 ft.

44.

45. How small amount limestone

46.

47. 65 from surface. 72 feet deep

48. Hand pump.

49

50. Inexhaustible.

51. none.

52 - 53

56. bad.

57. not

58. General household purposes, store.

No. 3.

55

56.

51.

38. C. M. Rae - Lake City, Fla.

29. On hill.

40. 1905. 2 in

41. 1905

42. 2nd
43. Sand, 2 ft. clay, 10 ft. soft ^{loamy} substance
- 44.
45. Some mineral - not known - same as others
46. all.
47. 68 feet deep. 61 from surface, ^{next to flint} rock.
48. Force pump, 1 ind.
- 49.
- 50.
51. Inhabitable ✓
52. none
53. 55.
56. good 57. none.
58. Household purposes.

N. e. 1

26
40
1856
38

35. N. O. Chyatt.

36. Providence

37. 1 1/4 W.

38. C.M. Ray Lake Cny.

39. Gradual slope West.

40 2ⁱⁿ

41. 1898 42. 2ⁱⁿ

43. Sand 6 ft. Clay 20 ft. Sand 38, ^{pink & lime} rock 40

44.

45. Slight lime, nearly frustone.

46. 2ⁱⁿ casing 84, smaller 1 1/2ⁱⁿ to bottom 20 ft.

47. 93 1/2 ft. from surface. 104 feet deep.

48 Force pump.

49-50 Inexhaustible.

51 none

8 81
11
1

52-55

56 Good - 57 - not.

58. General household purposes, stock.

No. 2

35. 36. 37.

38. C M R m, I. C.

39. On slope to west.

40 2ⁱⁿ 41. 1906 42. 2ⁱⁿ

43. Sand 6 ft. Clay 63. ^{thick.} Rock 12

44 - 45. Little line.

46. all 47. 70 feet from surface, 81 deep

48. Hand pump.

49-50-51. aff.

52-55. 56. Good, 57. Not.

58. Household purposes.

35. J. G. M. Gay.
36. $2\frac{1}{2}$ mi. S. $\frac{1}{4}$ Providence.
37. 38. Julius Thomas. High Springs Fla.
39. Louel.
40. 2 in 41. 1897. 42. 2 in
43. Clay, 20 feet. Rock 40, rather soft in places ^{65 deep}.
44. 45. Lime, weak.
46. all. 47. 53 feet from surface.
48. Iron pump. 49. inexhaustible.
50. 51. Effected slightly by creek when high.
52.-55. 56. Good. 57. not.
58. household purposes, stock.

72
12

35. AT William
- 36 $4\frac{1}{2}$ mi. $\frac{5}{2}$ Providence Dikes RFB #1
- 37.
38. J. Henry Thomas, Alachua, Fla.
39. Lurch.
40. $2^{\frac{2}{3}}$ air
41. 1900
42. same as top
43. Sand soft. Clay soft. Rock.
44. 45. Lime water.
46. Cured within 2 ft of bottom.
47. Stands 60 feet from surface. 72 ft deep.
48. Force pump. gas. Eng.
- 49 } inch.
- 50 } 51 none
53. Good. 56. Not. 58 General.

35. L. B. Lees.

36. $4\frac{1}{2}$ $\frac{3}{8}$ Prov. Dukes, R F S II,

37. 38 Harry Thomas. Aladkum F. l.

39. Level. 40. $2\frac{1}{2}$ $\frac{w}{-}$

41. 1894, 42 same

43. Sand Clay rock.

44. 45. Limewater.

46. Within 2 ft. of bottom.

47. Stands 70 ft. from surface 75 ft. deep

48. Force pump. ✓

49

50. Mirhamstam 51 same

52-55. 56. Good, 57. Not.

58. Household purposes, stone.

35. G. W. Messmith.

36. $4\frac{1}{2}$ mi. $\frac{1}{2}$ Prod. Duties R F S L,

37, 38 Tom Fielder, Alachua Fla.

39. Lure. 40. $2\frac{1}{2}$ "

41. 1907 42. same

43. Sand Clay, Rock 30 ft.

44, 45. Part lime + sulphur.

46. All way 47. Stands 78 ft. ^{85 ft. deep} from surface

48. Force pump. ✓

49, 50 mesh. 51. more.

56. Good. 57 not clear.

58. General household + other.

31. B. W. Dees.

36 — 37.

38. Tom Fielder. acubina.

39. Lurel.

40. 2 1/2. 41. 1900 42. same

43. Sand clay Rust.

44. 45. Lurel. 46. All.

47. — 130 feet. deep.

48. Fox pump. common.

49. } inch.
50. }

56 Good. 57 not. 58. General.

Ward City or Brooker.

35. John Shriver
36. Ward City, ^{Brooker.} Bradford Co.
37. Near post-office.
38. C. H. ^{Wilson} Williams, Ward City, or Brooker
39. Level
40. $1\frac{1}{4}$ in 41. 1905 42. $1\frac{1}{4}$ in
43. Sand, 12 ft. Clay, 8 ft. Sand, 5 ft. Clay 3 ft.
44. 45. (Mineral water) slight ^{drilled 12 ft} ^{stands 60 ft. deep.} ^{blue marl 4 ft.} ^{white soft phos. 10 ft.} ^{quartz sand 8 ft.} ^{clay 12 ft.}
46. Cased to clay. below, 47. 83 ft. deep.
48. For a pump. 49.
50. Inexhaustible.
51. Not.
52-55. 56. Good. 57. Not.
58. For drinking only.

35. C. B. Stephenson.
36. Brooker. Bradford.
37. $\frac{1}{2}$ mi. S. P.O.
38. C. F. Wilson. Brooker.
39. Hill, slope S. 40. 2 ⁱⁿ. 41. 1906.
42. 2 ⁱⁿ 43. Sand 3 ft. Clay. 20 ft.
- ^{Sand 18 in.}
 44. Rock 6 ft. Clay phosphate 13 ft. sand
44. 45. Soft water.
46. Cased to clay phosphate.
47. Stands 26 ft. surface 48. Hand pump ^{#3}
49. 50. 51. 52-55. ✓
56. Good. 57. No.
58. Household pumps. + 3 tanks.

35. J A Jones.

36. Ward City or Brewster Fl. Bradford

37. 1 mi. N/W. Brewster.

38. Wilson. Brewster -

39 Level. 40. 2ⁱⁿ 41. 1906. 42. 2ⁱⁿ

43. Sand 10 ft. Clay 10 ft. Soft. phosphate 8 ft.
2 ft. yellow ochre (floor)

44. 45. Soft. water. 46. Based 2 ft.

47. Stands 20 ft. from surface.

48. Hand pump. 49. 50. Mex. 51. mine

52-55. 56. Good. 57. not.

58. Household. + steel



35. Mrs. Fannie Knight.
36. Kwoon. Bradford.
37. $\frac{1}{4}$ mi N/E P.O.
38. Wilson. Brooks.
39. Light Hill. 40 2 in.
41. 1905 42. 2 in
43. Sand 18 ft. Clay 15 ft. Sand 4 ft. Clay 5 ft.
dry Sand 8 ft. Clay 4 ft. Rock, not penetrated.
44. 45. Slight lime. 46. Cased to rock.
47. Stands 30 ft. Surface.
48. Hand pump.
49. 50 Inex. 51 not. ✓
52-55. 56. Good - 57 not.
58. Household pump. (stair)

35. Mrs. J. S. Lewis.

36. Bwoke, Bradford.

37. 1 mi N. of PO.

38. Wilson, Bwoke.

39. Level + flat 40. $1\frac{1}{4}$ in 41. 1905

42. $1\frac{1}{4}$ in 43. Sand 13 ft. Blank pass 5 ft.
Quick sand to cavity.

44. 45. Soft water. 46. cased to cavity.

47. Stands 12 ft. from surface

48. Hand pump.

49. 50. Inev. 51. not.

52-55. 56. Good. 57. not.

58 Household / + stock.

35. Osgood Green

36. Brooker, Bradford.

37. $3\frac{1}{2}$ mi n/e P.O.

38. Wilson

39. Level & flat. 40 $2\frac{in}{in}$ 41. 1906 42. $2\frac{in}{in}$

43. Sand 18 ft. Clay 4 ft. pebble rock $2\frac{1}{2}$ ~~clay~~

very coarse sand to cavity

44. 45. Soft. 46. Cased to sand,

47. Stands 20 ft. surface.

48. Hand pump #3

49. 50. mch. 51. not.

52-55. 56. Good, 57. not.

58. Household ~~of~~ ~~Stall~~,

35. J. H. Wilson.

36. Brewer, Bradford Co.

37 near post-office. E.

38. C. F. Wilson, Brewer,

39. Level. 40. 2 ⁱⁿ 41. 1906 42. 2 ⁱⁿ

43. Sand 10 ft. Clay 20 ft. Sand + Clay 20 ft. Clay 15 ft.

44, 45. Soft.

46. Cased 35 ft.

47. Stands 28 ft. surface

48. Hand pump.

49-50. Inex. 51. Decrease in dry season

52-55. 56. Good. 57. not.

58. Household, & stores.

J. G. Colson.

36. (Lake Butte, R. F. D.) Beaver, Bradford

37. $3\frac{1}{2}$ N. of Beaver.

38. C F Wilson 39. Slope. edge harmonics

40. 2 ⁱⁿ 41. 1907. 42. 2 ⁱⁿ

43. Sand 15 ft. clay 15 ft. dry sand 7 ft. Black
loamy substance 5 ft. pebble sand 2 ft. water

44. 45. Soft.

46. Used 35 ft.

47. Stands 24 ft. from surface

48. Hand pitcher pump.

49. 50. Inver.

51. Iron. 52-55.

56. Good. 57. Not.

58. Household + Stove.

Lasca Butte Area -

General

1. Shallow wells & only one deep well needed
2. Surface wells & springs, for stock same, no irrigation.
3. Surface wells. 20 to 30 ft.
- 4.
5. Soft water, stream & pond water very slightly acid
- 6.
7. The deep well workable by pumping
- 8.
9. Mostly from sand & clay.
10. Only small springs in this area.
11. ✓
12. Sand soil with clay beneath, often exposed however.

12-14.

15. Supage

16. Shallow open dry wells + shallow driven well

17 Pond with discolored, surface well water
soft.

18-21

22-34 - no quarries.

Alachua, Fla.

71

35. H. A. Thomas.

36. Alachua, Fla.

37. $1\frac{1}{2}$ mi. W. P O

38. H. A. Thomas.

39. In valley, 40. 2nd tub. 41. 1907 42. 2nd

43. Sand. Hired. Clay 70 ft. Sand lime $14\frac{1}{2}$ ft.

44. 45 Lime

46. Based 80 ft.

47. Stands. 70 ft. from surface. 85 ft. deep.

48. Force pump.

49. 50. Inexh.

51. Not. 52. 55.

56. Good. 57. not.

58. Household. + stock

35. N. P. Thomas.

36. Alachua 7 mi.

37. ~~Had Thomas~~ 2 mi. N. P. O.

38. N. A. Thomas

39. Hill high.

40. 2 mi. 41. 1901. 42. 2 mi.

43. Clay, 50 ft. phosphate 20 ft. Lim. rock, 80 ft.

44. ~~80 ft.~~ lime water

46. Canal 45 ft.

47. Stands. 141 ft. surface.

48. Iron pump.

49. 50. Street.

51. Not. 52. 53. 56 Good. 57. Not.

58. Household + Stock. 63. Abandoned on account
of moving away.

35. G. W. Roland.

36. Alachua 1/4 mi.

37. 3 1/2 mi. S/W PO.

38. H. A. Thomas.

39. Level. 40. 2 ⁱⁿ 41. 1896. 42. 2 ⁱⁿ

43. Sand 6 ft. Clay 4 ft. Lime rock. 58 ft.
68 ft. depth.

44. 45. Lime

46. Sand 62 ft

47. Stands about 45 ft. from surface.

48. Hand pump.

49. 50- Ditch.

51. Now. 52-55.

56. Good. 57. not

58. Household pumps + B. T. Co.

Hawthorn.

35. Town of Hawthorne.
36. Hawthorn, Alameda.
37. near P.
38. -
39. Level. 40. 4ⁱⁿ 41. 1886 42. 4ⁱⁿ
43. Sand 5 ft. Clay 8 ft. Sand 20 ft. Rock.
Clay. Flint rock.
44. 45. Soft. 156
28
128
46. Cased to Flint rock about 90 ft.
47. S. stood 28 ft. from surface.
48. - 49 - 50 ✓
51. Decreas after well was placed down.
52 - 55.
63. Broken drill and unsatisfactory
machinery.

G. J. Hammond.
 Hawthorn, 9th.

About 8000 feet they almost are
 abundance of water which comes
 within 800 feet of surface, after
 this however the water comes and
 does not rise but is far from surface.

Springs.

64. R. C. Brown - Grove Park.

65. 1 mi. S. Os

66. Magnesia Springs.

67. Chrome.

68. S. mg.

69. not. 70. yes.

71. yes. 72. none

73. 150,000 per hour.

74. Hardly noticeable.

75. 73° F 76. Swampy place

77. Bad. 78. Not known

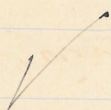
79. Yes flows from branch to Lockwood Lake
 and this into Lockwood Lake.

80. Drinking mainly, bathing to some extent

81. 82, & reported

83.

86. Has been taken down + put in
owner has abandoned same



Spring near Melrose

64. E. F. Ford - Melrose, Putnam Co.

65. $\frac{1}{2}$ mi. $\frac{3}{4}$ mi. post office

66. Ford Spring.

67. Colorless, peculiar odor - no decided taste.

68. Total solids from 100,000 parts =

4.8 parts. composed of.

Sulphate of lime. Calcium

" " Magnesium.

Na Cl.

Trace of iron + ammonium

" " organic matter.

69

70. Yes. State Chemist!

71. Yes.

72. None.

73. None

74. Not.

75.

76. Hammerly.

77. Many little torts.

78. In placing 2nd pipe down 40 ft
the party struck rock.

79. Forms stream which flows into Melrose Lake.

80. Drinking only.

81. 82. Reported so.

83.

O. C. Husband,

Melrose.

Fla.

Melrose, Fla. 50

Mills. # 3 $\frac{25.00}{8}$

35. C.P. Huffman

36. Melrose, Clay Co.

37. near P.O. $\frac{1}{2}$ east.

38. Harry Lewis, Gainesville.

39. Level. 40. $1\frac{1}{2}$ in ^{driven}. 41. 1899. 42. $1\frac{1}{2}$

43. Sand 8 ft. clay 18 ft. white sand

44. 45. Soft.

46. 50 ft.

47. Stands 30 ft. from surface. Soft.

48. ~~For pump~~ Set air pump.

49. 50. over haustable.

51. Not. 52-55. 56. Good. 57. no.

58. General household & stock. ✓

Water seems to have a great deal of iron in it.

2

35. C.P. Huffman -

36. Melrose, Alachua Co.

37. 900 ft. N. Post-office

38. John Mayelle, Alachua

39. Slope ^{N.} 3 ¹/₄ ^{down} 40. 1 ¹/₄ - 41. 1892 42. 1 ¹/₄ mi

43. Sand 7 ft. Clay, 8 ft. Sand 7 ft.

44. 45. Sulphur water

46. All. 47. Stand 4 ft. surface

48. Force pump. 49.

50. Inexhaustible

51. Not.

52-55.

56. Good

57. Not. 58. Hounded.

3.

35. H. Jackson.

36. Melrose, Alberta

37. W. Bateman near

38. H. Jackson. Melrose

39. Line - 40. 3rd down well

41. 1906. 42. 3rd

43. Sand 8, clay 12 ft. sand 20 ft.

44. 45. Soft.

46. All. 47. Stands 30 ft. from surface

48. ~~Gasoline~~ Engine & pump

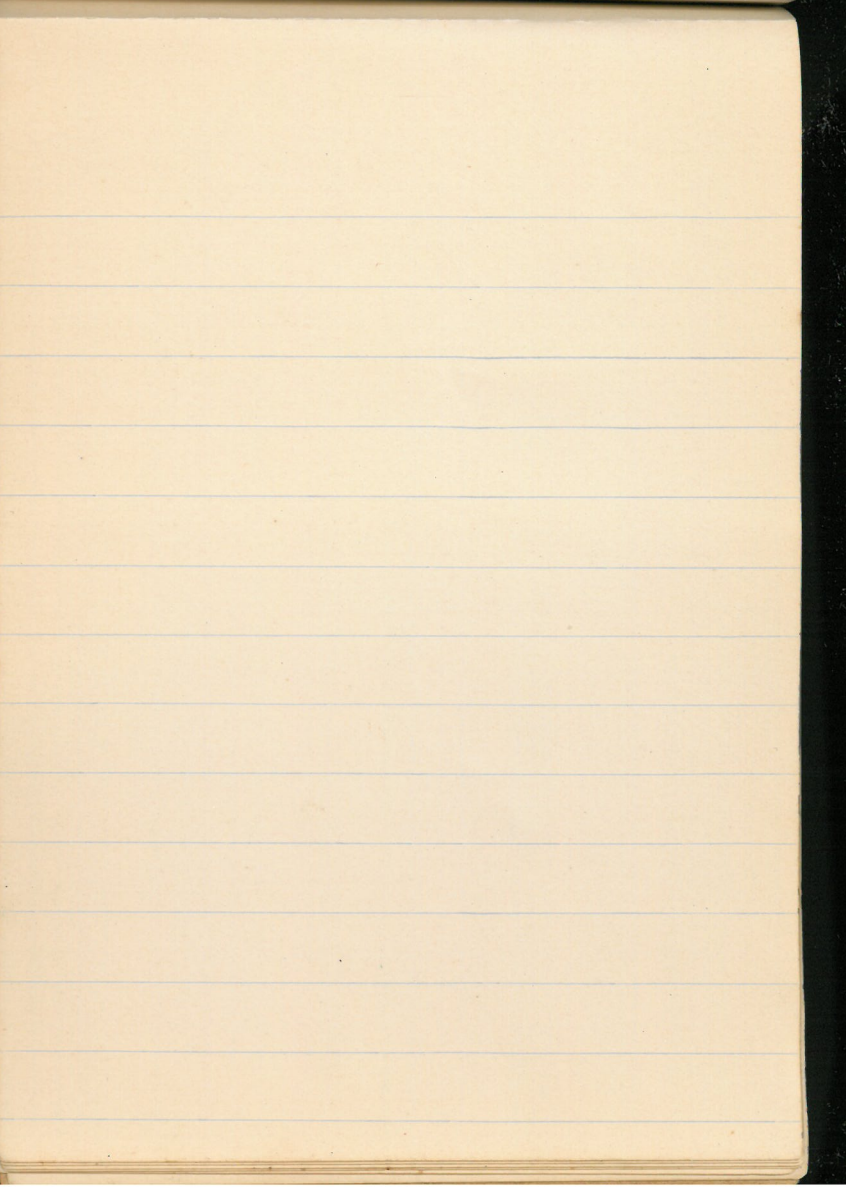
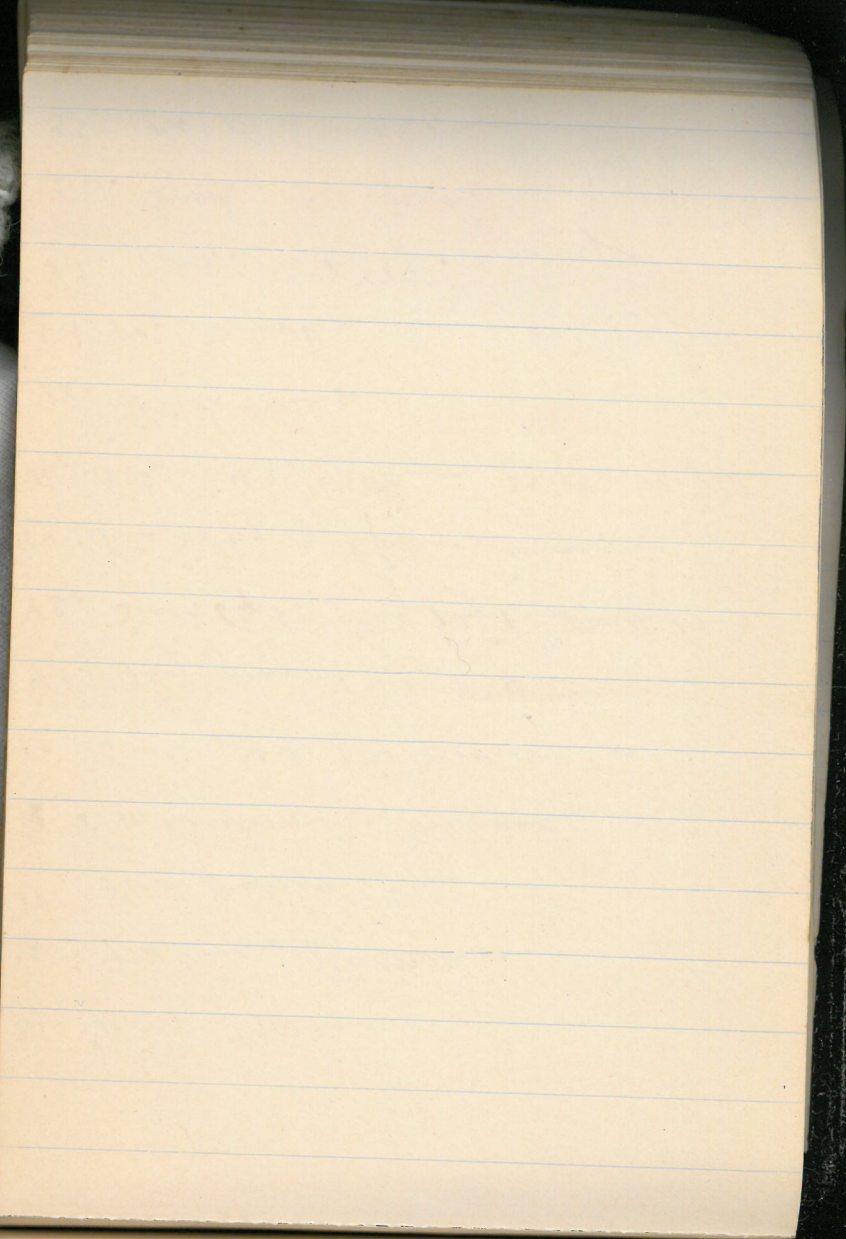
49. 50. Gas taken

51. Seems to be effected according to
air or full of lake.

52-55. 56. Good. 57. Not

58. Supply town & household purposes

35. Town of Melrose.
36. Melrose, Putnam. ²² 9'
37. Near Post off E.
38. L. M. Baldwin Melrose
39. Luml. 40. $1\frac{1}{4}$ driven
41. 1907. June. 42. $1\frac{1}{4}$ in
43. Sand 6 ft. Clay 22 ft. Sand $12\frac{1}{2}$
44. 45. Soft, sulphur, iron,
46. All. 47. Stands 32 ft. surface
48. Free pump.
49. 50. Inverh.
51. Not. 52-55. ✓
56. Good 57. Not.
58. For town use.



C. E. + W. N. Durham.

Rylander,

Post office, Johnstown.
Fla.

Mrs. S.