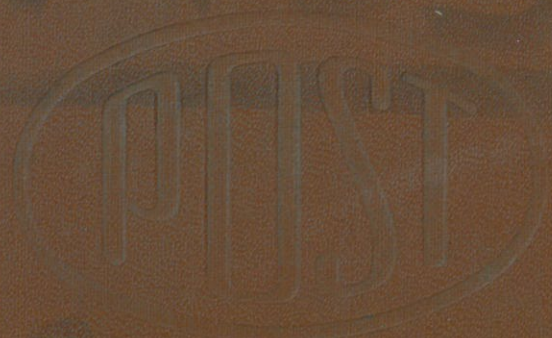


1
9
6
3

35



COUNTY

LEVEL BOOK

JEFFERSON

No 3304F
ORANGE

Elevation of Wells

June, 1963 - Aug '63:

M. Maneeruddin
R. Vernon

Page

Well Nos:

1	JF-3871
2	JF-5719
3	JF 6174
4	JF 6174
5	JF 5455
6	OR 5433
7	JF 5504
8	JP CHA.
9	JF 5302
10	JF 5325
11	JF 6029
12 & 56.	JF 6061
13	JF 3204
14	JF 6185
15	JF 6186
16	JF 6043
17	JP 4813

Page

Well No #

18

5432

19

3664

20

3820

21

3278

22

5859

23

4333

24

4339

25

5231 & 5232

26

6211

27

3679

28

3468

29

1751

30

6044

31

5208

32

2987

33

5652

34

2825

page

Well #

35

3846

36

4914 and 2775

37

4542

38

3014

39

5684, 3821 and 5465

40

3311

41

3616

42

2837

43

2154 and 4216

44

6164

45

1982

46

5709

47

3206

48

2826

49

4056

50

5972

51

4773

page

well #

52

2806

53

5622 and 5623

54

2838

①

✓ Elevation on well # 3871

Sta	⁺ Bs	HI	FS	Elev.
SRD, TBM	7.68	137.81		130.13
#1	8.19	144.94	1.06	136.75
#2	4.83	148.67	1.10	143.84
W#3871 (ground)			4.31	144.36
TW3871	4.31	148.67		144.36
#1	2.70	145.57	5.80	142.87
#2	0.41	138.16	7.82	137.75
TBM			8.04	130.12

130.13
 130.12
 .01 ✓

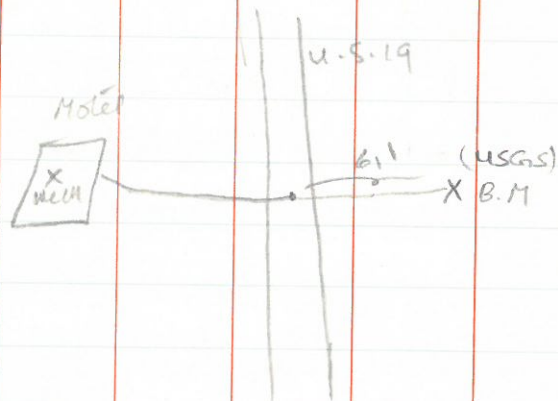
June 26, 1963.

M. Munerudden Jr

Fair & Cloudy

R. Vernon

Des-
cripting { SRD B.M. # 12, { Elev = 130.13
 Station 109+61
 nail in root of 30" pecan.



(2)



Elevation on Well # 5719

June 26, 1963.

M. Muneeruddin II

Station	+Bs	HI	-Fs	Elev.
---------	-----	----	-----	-------

Fair & Cloudy

R. Vernon

SRD T.B.M.	10.52	140.71		130.19
------------	-------	--------	--	--------

Description: SRD TBM # 36

nail inside 30" oals

# 1	6.74	144.45	3.00	137.71
-----	------	--------	------	--------

# 2	2.05	142.87	3.63	140.82
-----	------	--------	------	--------

# 3	9.41	150.07	2.21	140.66
-----	------	--------	------	--------

# 4	7.32	155.34	2.05	148.02
-----	------	--------	------	--------

Well # 5719
(ground)

3.44 151.90.

T.W.	3.44	155.34		151.90
------	------	--------	--	--------

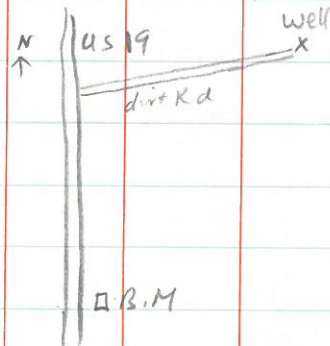
# 1	1.22	148.62	7.94	147.40
-----	------	--------	------	--------

# 2	6.85	146.07	9.40	139.22
-----	------	--------	------	--------

# 3	3.19	143.70	5.56	140.51
-----	------	--------	------	--------

# 4	3.47	140.62	6.55	137.15
-----	------	--------	------	--------

B.M.			10.49	130.13
------	--	--	-------	--------



130.19
130.13

.06

3.

✓ Elevation on well # 6174

June 27, 1963,

M. Muneeruddin Jr

Sunny & Bright

R. Vernon

Station	BS	HI	FS	Elev.
U.S.G.S. B.M.	5.10	68.10		63.00
# 1	7.09	70.52	4.67	63.43
# 2	4.86	71.89	3.49	67.03
# 3	3.51	71.24	4.16	67.73
# 4	4.92	70.33	5.83	65.41
# 5	5.77	71.38	4.72	65.61
Well # 6174 (Ground)			2.46	68.92
Well	2.46	71.38		68.92
# 1	4.65	70.10	5.93	65.45
# 2	5.62	72.63	3.09	67.01
# 3	4.36	72.17	4.82	67.81
# 4	5.48	72.23	5.42	66.75
# 5	3.19	69.75	5.67	66.56
# 6	5.10	70.57	4.28	65.47
B.M.			4.89	65.68

well ⊗

B.M.



dirt Rd

U.S. 19

Repeated

65.66
 63.00
 2.66

Too
 (high) ~~needed~~
 (Repeat)

4

✓ Elevation on well # 6174 (Repeated)

June 28, 1963.

M. Muneeruddin JT

R. Vernon

Station	+ BS	HI	FS	Elev.
U.S.G.S B.M.	4.77	67.77		63.00
#1	6.40	69.91	4.26	63.51
#2	6.46	72.21	4.16	65.75
#3	4.71	71.77	5.15	67.06
#4	6.05	72.93	4.89	66.88
#5	4.70	72.83	4.80	68.13
#6	3.60	71.22	5.21	67.62
#7	5.88	71.87	5.23	65.99
#8	6.05	72.03	5.89	65.98
#9	3.87	72.53	2.77	69.26

Well # 6174
(Ground)

	BS	HI	FS	Elev
Well	4.48	72.53		68.05
#1	4.99	71.44	6.08	66.45
#2	5.48	71.94	4.98	66.46
#3	5.90	73.32	4.52	67.42
#4	3.88	72.08	5.12	68.20

(continued) →

63.13
63.00
0.13 ✓

5

✓

Elevation on well # 5455

June 29, 1963.

M. Munceyuddin II

R. Vernon.

Station	BS	HI	FS	Elev.
USGS B.M.	7.27	97.27		90.00
#1	4.26	100.09	1.44	95.83
#2	5.00	99.89	3.20	94.89
#3	5.56	100.85	4.60	95.29
#4	3.80	98.82	5.83	95.02
#5	2.41	94.46	6.77	92.05
#6	2.71	90.98	6.19	88.27
#7	3.72	88.46	6.24	84.74
#8	5.02	88.12	5.36	83.10
#9	4.30	86.38	6.04	82.08
#10	5.76	87.51	4.63	81.75
#11	5.56	87.41	5.66	81.85
#12	4.85	87.14	5.12	82.29
#13	4.86	87.44	4.56	82.58
#14	4.68	87.12	5.00	82.44
#15	4.56	87.02	4.66	82.46

well
near
pecan stand (X)

1.3
miles

US 19

B.M. □

dirt Rd

Sta	BS	HI	FS	Elev
#16	4.83	87.28	4.57	82.45
Well # 5455			4.98	<u>82.30</u> (Ground)

<u>6</u>	Elevation on	well #	5434	
Station	BS	HI	FS	Elev.
SRD TBM	6.85	198.96		192.11
# 1	10.63	208.41	1.18	197.78
# 2	6.97	212.98	2.40	206.01
# 3	6.29	215.59	3.68	209.30
# 4	7.22	219.45	3.36	212.23
# 5	5.07	220.55	3.97	215.48
# 6	1.10	214.02	7.63	212.92
# 7	1.78	203.95	11.85	202.17
# 8	2.64	200.25	6.34	197.61
			3.55	196.70

well # 5434
(Ground)

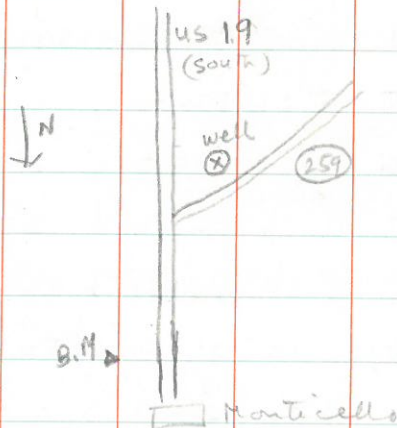
well	3.55	200.25		196.70
# 1	8.63	206.41	2.47	197.78
# 2	12.38	216.90	1.89	204.52
# 3	5.56	220.57	1.89	215.01
# 4	2.73	218.23 ⁶⁵	4.65	215.92
# 5	3.71	216.23	6.13	212.52
# 6	3.69	213.05	6.87	209.36

July 2, 1963

M. Munceeruddin II

R. Vernon

Description: S.R.D. TBM # 40,
Nail inside a 50" Oak
(next to SRD office building (Monticello))



Sta	BS	HI	FS	Elev
# 7	3.15	210.07	6.13	206.92
# 8	1.37	203.53	7.91	202.16
# 9	4.22	195.98	11.77	191.76
B.M.			3.76	192.22
192.22				
192.11				
0.11				

7

✓

Elevation on well #5504

July 2, 1963

M. Muneeruddin

Station

BS

HI

FS

Elev

U.S.G.S
B.M

10.51

84.51

74.00

R. Vernon

#1

5.41

84.21

5.71

78.80

#2

5.83

84.93

5.11

79.10

#3

4.06

84.45

4.54

80.39

#4

5.10

83.96

5.59

78.86

#5

5.26

83.96

5.26

78.70

#6

5.83

84.67

5.12

78.84

#7

8.38

89.53

3.52

81.15

#8

5.84

93.31

2.06

87.47

#9

6.56

97.37

2.50

90.81

#10

6.40

100.34

3.43

93.94

well #5504
(casings)

4.30

96.04

STA

BS

HI

FS

ELEV

#5

5.20

84.66

4.30

79.46

well

4.62

100.66

96.04

#6

5.19

83.90

5.95

78.71

#1

3.29

97.03

6.92

93.74

#7

5.60

84.46

5.04

78.86

#2

4.01

91.92

9.12

87.91

B.M

10.55

73.91

#3

2.82

84.22

10.52

81.40

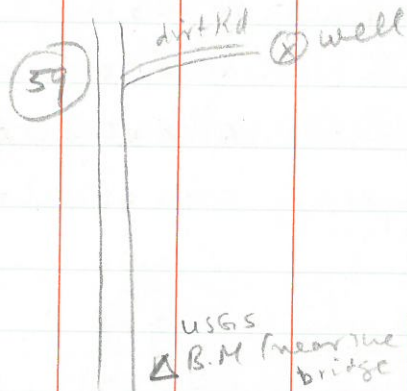
#4

5.14

83.78

5.58

78.64



74.00
73.91
80.09 OK

8

✓ Elevation on C.H.A

July 3, 1963

M. Muncie Uddin

R. Vernon

Station	BS	HI	FS	Elev
SRD TBM	7.32	93.83		86.51
# 1	5.33	94.92	4.24	89.59
# 2	3.41	93.61	4.72	90.20
C.H.A. (Ground)			5.72	87.89 ✓
C.H.A.	5.72	93.61		87.89
# 1	0.63	93.74	3.50	90.11
B.M.			7.24	86.50

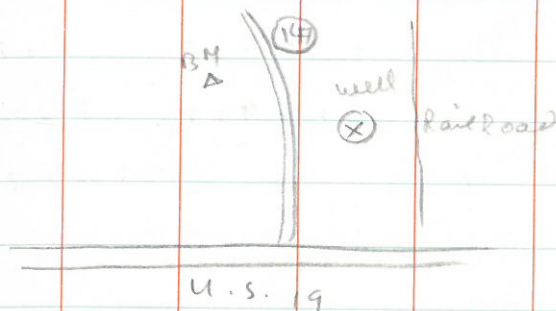
86.51
86.50
—
00.01 ✓ R

Description: S.R.D, B.M. No # 16

Nail inside of 16" gum tree

100' left of station 170+38

Elevation = 86.51'



9

✓ Elevation on well # 5302.

Station center of Road Intersection	BS	HI	FS	Elev
	11.05	189.05		178.00
# 1	10.42	197.60	1.87	187.18
# 2	10.19	206.47	1.32	196.28
# 3	10.10	212.96	3.61	202.86
well # 5302			5.10	207.86
well	5.10	212.96		207.86
# 1	1.67	204.62	10.01	202.95
# 2	1.43	193.75	12.30	192.32
# 3	3.63	187.25	10.13	183.62
			9.25	178.00

178.00
178.00

July 3, 1963.

M. Hameeruddin

R. Verrum

Description: as no B.M. was found,
so the elevation at the ^{center} of the dirt
roads intersection was taken as
B.M.



10

✓ Elevation on well #5325

Station	BS	HI	FS	Elev.
---------	----	----	----	-------

SRD				
B.M.	3.66	103.66		100.00

#1	5.42	104.07	5.01	98.65
----	------	--------	------	-------

#2	5.38	104.66	4.79	99.28
----	------	--------	------	-------

#3	5.38	105.14	4.90	99.76
----	------	--------	------	-------

4	5.31	105.30	5.15	99.99
---	------	--------	------	-------

5	6.81	107.99	4.12	101.18
---	------	--------	------	--------

6	5.21	109.08	4.12	103.87
---	------	--------	------	--------

7	5.36	109.48	4.96	104.12
---	------	--------	------	--------

8	5.36	109.60	5.24	104.24
---	------	--------	------	--------

9	7.39	114.41	2.58	107.02
---	------	--------	------	--------

Well #5325

4.54 109.87

Well	4.54	114.41		109.87
------	------	--------	--	--------

#1	4.27	109.27	9.41	105.00
----	------	--------	------	--------

#2	5.08	109.51	4.84	104.43
----	------	--------	------	--------

#3	4.26	108.87	4.90	104.61
----	------	--------	------	--------

#4	3.88	105.98	6.77	102.10
----	------	--------	------	--------

#5	4.75	105.35	5.38	100.60
----	------	--------	------	--------

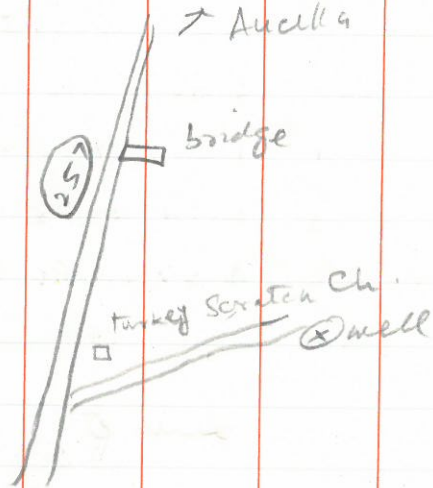
July 5, 1963

M. Muneeruddin

R. Vernon

To be checked with S.R.D. for the
elev. on the bridge. Elevation
was assumed as 100.00.

7 Aug 64



Lowest ←

Sta	B.S	HI	FS	Elev
#6	4.40	104.30	5.45	99.90
			4.20	100.10

11

Station		Elevation on well #6029			Elev
USGS	BS	HI	FS		
B.M	5.26	93.26			88.00
#1	7.94	95.81	5.39		87.87
#2	12.51	106.62	1.70		94.11
#3	9.20	115.38	0.44		106.18
			5.08		110.30
well # 6029					
ground					
well	5.08	115.38			110.30
1	1.81	107.37	9.82		105.56
2	0.79	97.52	10.64		96.73
3	4.57	93.29	8.80		88.72
B.M			5.22		88.07

88.07

88.00

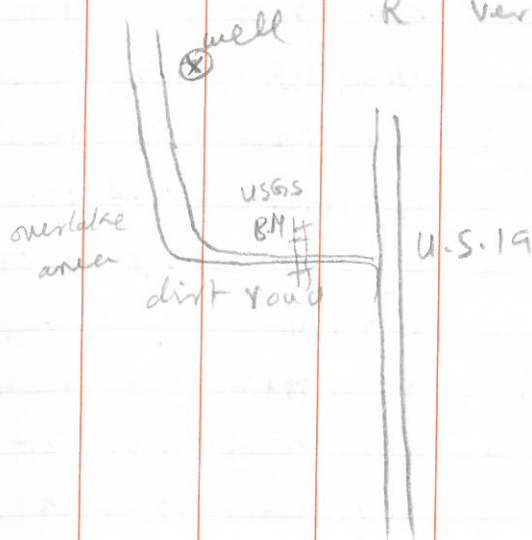
.07

✓

July 5, 1963.

T. Munniguddin

R. Vernon



12

sta

Elevation on well # 6061

BS

HI

FS

Elev

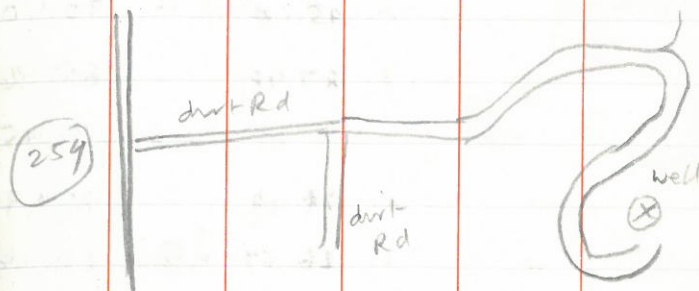
July 6, 1963

M. Muneeruddin
R. Vernon

Rd. Inter.	2.47	193.47		191.00
#1	7.34	194.85	5.96	187.51
2	5.12	196.05	3.92	190.93
3	4.74	195.64	5.15	190.90
4	2.02	187.98	9.68	185.96
5	1.70	181.65	8.03	179.95
6	2.80	174.49	9.96	171.69
7	1.29	166.57	9.21	165.28
8	1.70	155.75	12.52	154.05
9	6.26	151.95	10.06	143.69
10	9.90	159.43	2.42	149.53
11	5.20	161.75	2.88	156.55
12	0.84	150.86	11.73	150.02
13	11.42	150.24	12.04	138.82
14	2.00	145.80	6.44	143.80
15	1.91	138.40	9.31	136.49
16	6.38	132.27	12.51	125.61
			5.83	126.44

(well
Top of pipe)

Description: - Center of the 2 dirt
roads inside the farm on (259)



13

Station	Elev on BS	Well #	HT	FS	Elev
USGS B.M.	4.92	239.92			235.00
#1	4.79	240.62	4.09		235.83
2	6.76	244.20	3.18		237.44
3	2.09	239.80	6.49		237.71
4	4.88	241.11	3.57		236.23
Well #3204			3.81		237.30

Well	3.81	241.11			237.30
#1	4.20	240.69	4.62		236.49
#2	4.17	243.43	1.43		239.26
#3	3.90	240.67	6.66		236.77
#4	3.98	240.80	3.85		236.82
B.M.			5.76		235.04

$$\begin{array}{r}
 235.04 \\
 235.00 \\
 \hline
 104
 \end{array}$$

July 6, 1963

M. Muncey

R. Vernon

In Monticello town, from the
Court house (B.M.) to the water tank

14

Station	Elev BS	on Well HI	# 6185 FS	Elev	July 7, 1963	M.M.
SRD					Descrip:	S.R.D.T.B.M.#70
T.B.M	3.72	95.84		92.12		
#1	4.96	92.00	8.80	87.04		nail in roof 24"
2	4.82	89.46	7.36	84.64		75 Rt. sta 699+15
3	5.10	89.38	5.18	84.28		
4	5.12	90.07	4.43	84.95		
5	9.60	97.42	2.25	87.82		
6	10.59	106.75	1.26	96.16		
7	12.05	118.44	0.36	106.39		
8	11.64	129.64	0.44	118.00		
9	9.08	138.20	0.52	129.12		
10	7.92	144.58	1.54	136.66		
11	2.66	135.75	11.49	133.09		
12	4.46	133.39	6.82	128.93		
13	2.35	132.74	3.20	130.39		
14	0.26	122.38	10.62	122.12		
15	6.00	121.79	6.59	115.79		
#16	5.41	121.05	6.15	115.64		

(Continued next page)

(continued) Elev on # 6185

July 7, 1963

M. Munawarudhin

R. Vernon

Station	BS	HI	FS	Elev
#17	6.67	119.90	7.82	113.23
18	12.37	130.02	2.25	117.65
19	10.64	138.67	1.99	128.03
20	4.10	141.37	1.40	137.27
21	0.46	129.21	12.62	128.75
22	0.25	116.83	12.63	116.58
23	5.08	114.19	7.72	109.11
24	1.10	105.30	9.99	104.20
25	3.08	99.67	8.71	96.59
26	0.89	96.84	3.72	95.95
27	13.60	107.68	2.76	94.08
28	6.04	103.15	10.57	97.11
29	0.25	97.83	5.57	97.58
#30	5.44	98.43	4.84	92.99
well #6188			5.31	93.12

15

STA	Elev	m	#	6186	Elev
B.S.	B.S.	Ht	FS		
U.S.G.S B.M	5.74	199.74			194.00
#1	2.98	195.83	6.89		192.85
#2	0.95	186.24	10.54		185.29
3	0.16	179.70	11.70		174.54
4	3.18	166.98	10.90		163.80
5	4.76	161.60	10.14		156.84
6	5.49	162.55	4.54		157.06
7	0.89	154.25	9.19		153.36
8	0.23	144.16	10.32		143.93
9	0.12	132.00	12.28		131.88
10	1.88	121.76	12.12		119.88
11	3.84	116.25	9.35		112.41
12	3.67	114.67	5.25		111.00
13	6.07	113.12	7.62		107.05
14	4.98	111.78	6.32		106.80
15	4.63	112.96	3.45		108.33
16	6.03	114.44	4.55		108.41

July 8, 1963

M. Humeruddin

R. Vernon

(continued next page)

(Cont) from last page

Sta	BS	HI	FS	Elev
#17	4.96	113.90	5.50	108.94
18	5.14	113.27	5.77	108.13
well #6186 (ground)			4.45	108.82
well	4.45	113.27		108.82
#1	5.22	113.89	4.60	108.67
#2	5.21	114.22	4.88	109.01
3	4.04	113.87	4.39	109.83
4	5.32	113.26	5.93	107.94
5	7.42	114.92	5.76	107.50
6	8.18	115.57	7.53	107.39
7	6.68	118.16	4.09	111.48
8	6.70	123.65	1.21	116.95
9	8.40	131.41	0.64	123.01
10	11.31	141.27	1.45	129.96
11	11.61	152.51	0.37	140.90
12	10.71	161.38	1.84	150.61
13	3.88	151.98	3.27	158.11

Sta	BS	HI	FS	Elev
14	10.71	168.11	4.59	157.39
15	10.51	176.09	2.53	165.58
16	11.75	186.64	1.20	174.89
17	9.22	194.96	0.90	185.74
18	4.94	198.04	1.86	193.10
BM			3.70	194.34

16

✓ Elevation in well #6043

July 9, 1963

M. Muniruddin

R. Vernon

Sta	BS	HI	FS	Elev
USGS BM	5.55	240.55		235.00
# 1	5.16	240.81	4.90	235.65
# 2	3.25	241.11	2.95	237.86
# 3	0.56	231.88	9.79	231.32
# 4	1.44	221.05	12.27	219.61
# 5	4.99	217.40	8.64	212.41
# 6	6.11	216.48	7.03	210.37
# 7	2.42	212.02	6.88	209.60
# 8	3.90	208.15	7.77	204.25
# 9	6.56	209.73	4.98	203.17
# 10	7.46	213.97	3.22	206.51
# 11	6.18	218.81	1.34	212.63
# 12	3.16	216.02	5.95	212.86
Well # 6043 (Grd)		6.18		209.84
Well	6.18	216.02		209.84
# 1	4.56	217.96	2.42	213.40
# 2	4.20	212.02	10.14	207.82

(cont'd)

Elevation on well #6043 (Cont'd)				
Sta	BS	HI	FS	Elev
#3	4.00	209.78	7.24	205.78
#4	6.82	210.70	5.90	203.88
#5	7.86	217.13	1.43	209.27
#6	5.92	218.65	4.40	212.73
#7	12.13	229.90	0.88	217.77
#8	12.28	241.07	1.11	228.79
#9	2.26	241.15	2.18	238.89
#10	2.69	239.61	4.23	236.92
USGS B.M			4.42	235.19

$$\begin{array}{r}
 235.19 \\
 235.00 \\
 \hline
 0.19 \quad \checkmark
 \end{array}$$

17

✓ Elev on well # 4813

Sta	BS	HF	FS	Elev
Centro of Rd. Int.	5.44	146.44		141.00
# 1	7.44	151.07	2.81	143.63
# 2	7.81	155.99	2.89	148.18
# 3	8.46 ⁵	155.76	8.68	147.31
# 4	5.67	159.38	2.05	153.71
# 5	3.43	153.67	9.14	150.24
# 6	0.41	148.25	5.83	147.84
# 7	0.67	140.71	8.21	140.04
# 8	0.69	129.47	11.93	128.78
# 9	0.68	118.43	11.72	117.75
# 10	5.22	114.31	9.34	109.09
# 11	9.80	118.66	6.05	108.26
# 12	0.93	118.29	0.70	117.36
# 13	1.41	107.87	11.83	106.46
# 14	0.72	97.29	11.30	96.57
# 15	2.19	92.98	6.50	90.79
well # 4813 (grd)			6.92	86.06

(cont'd)

July 9, 1963,

M. Muneeruddin

R. Vernon

(Cont'd) Elev m # 4813

Sta	BS	HI	FS	Elev
well # 4813	7.08	93.14		86.06
# 1	10.35	101.38	2.11	91.03
# 2	12.26	112.59	1.05	100.33
# 3	10.58	122.05	1.12	111.47
# 4	1.51	113.98	9.58	112.47
# 5	6.52	116.14	4.36	109.62
# 6	12.83	128.26	0.71	115.43
# 7	10.10	137.39	0.97	127.29
# 8	12.36	148.13	1.62	135.77
# 9	11.32	159.13	0.32	147.81
# 10	3.78	157.18	5.73	153.40
# 11	0.35	153.43	4.10	153.08
# 12	2.53	148.50	7.46	145.97

(BM) Rd. Intcy

7.62 140.88

141.00
 140.88
 .12



<u>18</u>	✓	Elevation on well	# 54	32
Sta	BS	HI	FS	Elev
Road Inter	5.26	124.26		119.00
# 1	8.10	127.81	4.55	119.71
# 2	12.43	137.20	3.04	124.77
# 3	0.44	125.02	12.62	124.58
# 4	12.36	125.08	12.30	112.72
# 5	12.23	136.86	0.45	124.63
# 6	8.93	145.34	0.45	136.41
# 7	7.91	153.10	0.15	145.19
# 8	3.46	154.46	2.10	151.00
# 9	6.77	157.56	3.67	150.79
# 10	1.82	152.88	6.50	151.06
# 11	11.70	162.40	2.18	150.70
# 12	11.60	172.84	1.16	161.24
# 13	12.55	182.93	2.46	170.38
# 14	11.08	193.67	0.34	182.59
# 15	10.71	202.27	2.11	191.56
# 16	7.93	206.74	3.46	198.81

(continued)

July 11, 12, 1963.

M. Muneeeruddin

R. Vernon

Intersection of two dirt Rds.

See the Topo map of
Jefferson County.

(Cont'd)

Sta	B.S.	I.T.	F.S.	Elev
# 17	10.69	216.74	0.69	206.65
18	9.48	224.94	1.28	215.46
19	8.75	231.80	1.89	223.05
20	11.44	241.20	2.04	229.76
21	12.15	253.06	0.29	240.91
22	9.64	261.01	1.69	251.37
23	10.38	270.34	1.05	259.96
24	1.97	271.23	1.08	269.26
25	0.81	260.28	11.76	259.47
26	2.08	250.45	11.91	248.37
27	1.21	263.92	12.26	262.71
28	2.39	255.71	10.60	253.32
29	0.37	246.81	9.27	246.44
30	1.19	236.23	11.77	235.04
31	2.50	231.17	7.56	228.67

well # 5432 (grd) 5.16 226.01

19.

Elevation on well # 3664

July 15, 1963.

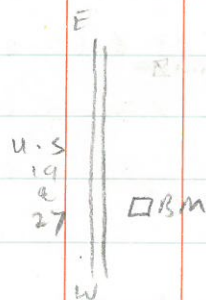
M. Muneeruddin

Station	BS	HI	FS	Elev.
S.R.D.B.M.	3.42	46.98		43.56
# 1	2.93	44.96	4.95	42.03
# 2	6.62	48.86	2.72	42.24
well # 3664 (Grd)			4.59	44.27
well	4.59	48.86		44.27
# 1	2.81	45.07	6.60	42.26
# 2	4.97	46.59	3.45	41.62
B.M			3.01	43.56

43.56
43.56
—
100

✓

Description of BM:- S.R.D. B.M # 9,
RR spike in 10" pine tree
132' left station 89+65
East of U.S. 19827,
Near Fla. Mol21



<u>20</u>	✓	Elevation in well # 3820.			
Sta		BS	HI	FS	Elev.
U.S.G.S. B.M.		5.98	50.78		44.80
#1		4.92	49.77	5.93	44.85
#2		5.06	49.56	5.27	44.50
#3		3.72	48.10	5.18	44.38
#4		5.45	48.00	5.55	42.55
#5		5.59	48.69	4.90	43.10
Well #3820 (Grid)				5.66	43.03
Well		5.66	48.69		43.03
#1		5.41	47.92	6.18	42.51
#2		5.63	49.48	4.07	43.85
#3		5.96	50.71	4.73	44.75
B.M.				5.92	44.79

44.80
 44.79

 00.01 ✓

July 16, 1963.

M. Muneeruddin

R. Vernon

U.S.G.S. B.M. : Elevation 44.796'

21

✓ Elev on Well # 3278				
Sta	BS	HI	FS	Elev
B.M	5.46	52.51		47.05
#1	2.86	49.29	6.08	46.43
#2	5.16	50.12	4.33	44.96
well #3278 (Grd)			5.31	44.81
well	5.31	50.12		44.81
#1	7.53	51.45	6.20	43.92
#2	6.12	52.63	4.94	46.51
B.M			5.54	47.09

47.09

47.05

 20.04 ✓

July 16, 1963.

M. Muneeruddin

R. Vernon

B.M. on the second steps of the
S. entrance to the court house (perry
printed in Marble Elev. 47.05

22 ✓ Elev. on well # 5859

Sta	BS	HI	FS	Elev
S.R.D.T.B M	3.06	53.75		50.69
well # 5859 (Gtd)			4.91	48.84
well	4.91	53.75		
B.M			3.06	50.69

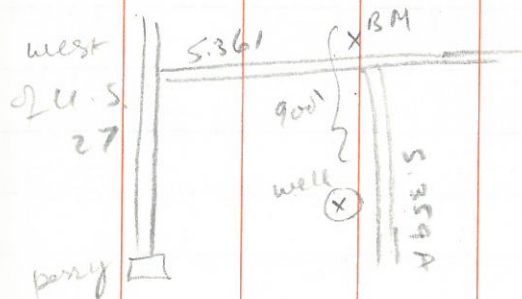
$$\begin{array}{r} 50.69 \\ 50.69 \\ \hline 00.00 \end{array} \checkmark$$

July 17, 1963.

M. Muneeruddin

R. Vernon

S.R.D.T.B M # 23, Intersection
of state hwy 361 & 359A
54' Right of station,
NO 227 + 16.23
RR spike in 6" pine



23 ✓ Elev. on well no 4333

Sta	BS	HI	FS	Elev.
S.R.D.T.B.M.	4.95	47.58		42.63
#1	8.89	47.62	8.85	38.73
#2	3.86	46.69	4.79	42.83
Well # 4333 (Grd)			8.23	38.46
Well	8.23	46.69		38.46
#1	1.87	43.88	4.68	42.01
#2	5.68	45.55	4.01	39.87
B.M.			2.88	42.67

42.67
 42.63

 00.04 ✓

July 17, 1963

H. Muneeruddin

R. Vernon

S.R.D.T.B.M. # 6 on E. 24.5.27

24 ✓ Elevation on Well # 4339

Sta BS HI FS Elev

B.M. 5.01 59.16 54.15

1 5.81 62.77 2.20 56.96

well # 4339 (Grd) 5.43 57.34

well 5.43 62.77 57.34

B.M. 8.59 54.18

54.18
54.15

00.03 ✓

July 18, 1963,

M. Muneeruddin

R. Verner

The B.M. of Buckeye Cellulose

Corp. is a metal Disc in a concrete post, 6" inches above the ground

on the East side (about 200') of the

west gate, Elev: 54.15

Near the woods hauling and weighing Gate.

25 ✓ Elev on well # 5231 & 5232

July 19, 1963

M. Muneeruddin

R. Merman

Sta	BS	HI	Fs	Elev
S.R.D B.M.	2.16	172.71		170.55
#1	4.80	171.74	5.77	166.94
Well # 5231			5.68	166.06
5232	(Ind)			
well	5.68	171.74		166.06
#1	6.12	173.12	4.74	167.00
B.M.			2.57	170.55

Wells, 5231 and 5232, are

adjacent to each other

connected with one pipe

S.R.D. B.M. on the driveway

of the first brick house, on

W. Base Street, in Madison city

at U.S. 90. next to the S.R.D. office

170.55
170.55

00.00

26 ✓ Elevation on well # 6211

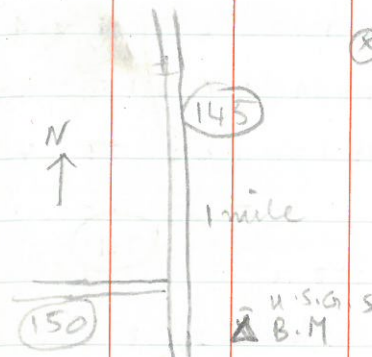
Sta	BS	HT	FS	Elev
U.S.G.S. B.M.	2.71	134.71		132.00
#1	4.04	130.31	8.44	126.27
#2	10.44	139.29	1.46	128.85
#3	10.30	148.34	1.25	138.04
#4	11.05	157.47	1.92	146.42
#5	2.77	158.58	1.66	155.81
Well # 6211 (Ground)		7.67		150.91
Well	7.67	158.58		150.91
#1	2.31	155.89	5.00	153.58
#2	2.15	146.03	12.01	143.88
#3	1.14	135.01	12.16	133.87
#4	8.37	134.81	8.57	126.44
B.M.		2.78		132.03

July 20, 1963

M. Muneeruddin

R. Vernon

B.M. U.S.G.S.



⊗ well

132.03
132.00
20.03 ✓

27 ✓ Elevation on well #3679

Sta +BS HS FS Elev

Inter of 2 Rds 6.48 118.48 112.00

#1 7.41 119.48 6.41 112.07

#2 5.96 116.22 9.22 110.26

#3 3.90 113.32 6.70 109.52

#4 2.97 109.55 6.74 106.68

Well #3679 (Ground) 11.85 97.80

well 11.85 109.65 97.80

#1 10.53 117.37 2.81 106.84

#2 7.61 122.65 2.33 115.04

#3 9.80 129.50 2.85 119.80

#4 2.06 106.10 5.46 124.14

#5 6.13 121.30 11.03 115.17

Inter of Rds 9.24 112.06

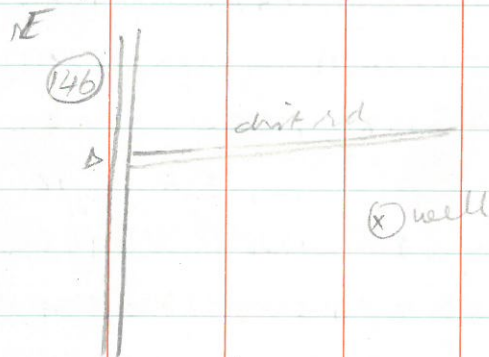
112.06
112.00
—
106 ✓

July 23, 1963

M. Muneevuddin

R. Vernon

The elevation at the intersection of
dirt Rd and (146) is taken from
the Topo map of Madison city.



28

Sta	BS	HI	FS	Elev
Inter's of d. Hds	0.78	182.78		182.00
#1	1.38	173.26	10.90	171.88
#2	0.84	162.55	11.55	161.71
#3	10.22	166.67	6.10	156.45
#4	11.15	175.34	2.48	164.19
#5	6.22	180.35	1.21	174.13
#6	5.92	182.25	4.02	176.33
well #	(Grd)		5.97	176.28
well	5.97	182.25		176.28
#1	2.08	176.88	7.45	174.80
#2	1.59	166.98	11.49	165.39
#3	9.52	165.32	11.18	155.80
#4	12.19	176.95	0.56	164.76
#5	8.77	184.00	1.72	175.23
			1.92	182.08

182.08
 182.00

 108 ✓

July 23, 1963

M. Muneeruddin

R. Vernon

the elevation at the intersection
 of two dirt roads, 1000' ft after
 the Cherry Lake Church, from
 the topographic map

29

✓ Elev on well # 1751

Sta	+Bs	HI	-FS	Elev
SRDTBM	1.37	171.92		170.55
#1	11.38	175.08	8.22	163.70
#2	12.43	187.00	0.51	174.57
#3	10.40	197.03	0.37	186.63
#4	4.06	196.22	4.87	192.16
#5	0.73	184.95	12.00	184.22
#6	0.80	173.25	12.50	172.45
#7	2.14	163.63	11.76	161.49
#8	0.58	153.04	11.17	152.46
#9	0.58	141.64	11.98	141.06
#10	0.40	129.78	12.26	129.38
#11	0.83	118.85	11.76	118.02
#12	0.95	109.48	10.32	108.53
#13	2.51	100.94	11.05	98.43
Well # 1751 (gnd)			6.01	94.93

July 24, 1963.

M. Muneraddin

R. Vernon

SRDTBM, at the drive way of
 the 1st brick house, at West Base
 St, on U.S. 90 in Madison City.
 near the SRD office.

30 ✓ Elev on well # 6044

Sta	Bs	Hg	FS	Elev
SRDTB.M.	7.54	194.14		186.60
#1	8.61	194.88	7.87	186.27
#2	5.16	194.75	5.29	189.59
well # 6044 (grid)			4.96	189.79
well	4.96	194.75		189.79
#1	8.08	194.51	8.32	186.43
T.B.M			7.85	186.66

186.66
 186.60

 00.06 ✓

July 24, 1963.

M. Muneeruddin

R. Verman

SRDTBM # 84 on U.S. 90

East of Madison

R.R. Spike in 12" Oak

BM
 5

E

well
 (X)

U.S. 90

31 ✓ Elev on Well # 5208

sta	BS	HI	FS	Elev
U.S.C. & G. B.M.	2.89	59.89		57.00
#1	6.41	63.98	2.32	57.57
#2	5.70	65.58	4.10	59.88
Well # 5208 (grid)			5.88	59.70
Well	5.88	65.58		59.70
#1	4.15	63.98	5.75	59.83
#2	2.33	59.91	6.40	57.58
			2.90	57.01

57.01
 57.00

 00.01 ✓

July 25, 1963

M. Muneruddin

R. Vernon

Draw
 Mansin
 well (X)

RR track

U.S.C. & G.
 B.M.

U-590

<u>32</u>	Elev	on well # 2987			Elev
Sta	BS	HA	FS		
SRDT.B.M.	3.37	192.99			189.62
#1	0.15	181.49	11.65		181.34
#2	1.11	171.14	11.46		170.03
#3	0.62	159.76	12.00		159.14
#4	8.76	167.27	1.25		158.51
#5	0.32	159.54	8.05		159.22
#6	1.75	158.82	2.47		157.07
#7	1.71	148.55	11.98		146.84
#8	0.62	138.17	11.00		137.55
#9	2.25	130.77	9.65		128.52
#10	6.58	127.52	9.83		120.94
#11	3.43	130.05	0.90		126.62
Well # 2987 (good)			1.36		128.69

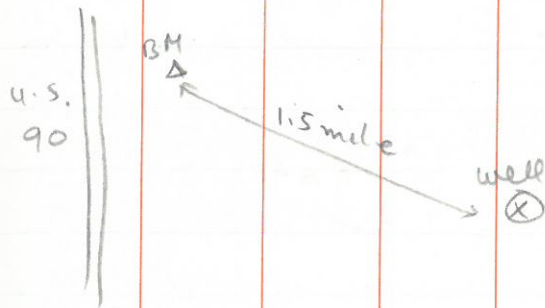
July 25, 1963

M. Muneeruddin

R. Vernon

S.R.D.T.B.M. #79,

RR spike in 6" oak, on U.S. 90 E
200ft from the Gulf station



33

✓ Elev on well # 5652

Sta BS HI FS Elev

S.R.D.T.B.M. 4.39 149.24 144.85

well # 5652 (grd) 4.38 144.86

well 4.38 149.24 144.86

B.M. 4.39 144.85

$$\begin{array}{r}
 144.85 \\
 144.85 \\
 \hline
 .00
 \end{array}$$

July 26, 1963

M. Muneeruddin

R. Vernon

S.R.D.T.B.M #6, RR spike in 24" oak

on State Hwy 150.

check with the S.R.D. at

Lake city.

(50) || BM
 X well

3A ✓ Elev on well # 2825				
Sta	BS	HI	FS	Elev
Inter of Rds	3.39	152.39		149.00
#1	6.68	153.63	5.44	146.95
#2	7.58	157.15	4.06	149.57
well # 2825 (grd)			4.06	153.09
well	4.06	157.15		153.09
#1	2.75	152.20	7.70	149.45
#2	5.75	151.85	6.10	146.10
			2.90	148.95

149.00
 148.95

 00.05 ✓

July 26, 1963 M. Muneruddin

R. Vernon

The elevation at the intersection
 of dirt road and RR tracks
 is taken as BM, 1000' ft
 across the Fla. welcome sta.
 at Jennings.

35

✓ Elev on well # 3846

Sta +BS HF -Fs

Elev

July 30, 1963

M. Muneeruddin

U.S.G.S. B.M. 3.40 171.40 168.00

#1 3.92 169.85 5.47 165.93

Well # 3846 (grd) 5.40 164.45

Well 5.40 169.85 164.45

#1 5.20 171.78 3.27 166.58

B.M. 3.74 168.04

$$\begin{array}{r}
 168.04 \\
 168.00 \\
 \hline
 00.04 \checkmark
 \end{array}$$

1

U.S.G.S.
B.M.
△

(136)

E

(Dont
look)
 (x) well 3846
 U of F.
 Expt. Sta.

Sta	Bs	HI	FS	Elev
U.S.C & G. B.M.	5.55	107.55		102.00
#1	6.41	111.26	2.70	104.85
#2	4.77	111.86	4.17	107.09
#3	5.06	112.26	4.66	107.20
#4	8.06	115.48	4.84	107.42
well # 4914 (grd)			8.45	107.03
well # 4914	8.45	115.48		107.03
#1	4.35	110.83	9.00	106.48
well # 2775			4.22	106.61
well 2775	4.22	110.83		106.61
#2	4.88	111.36	4.35	106.48
#3	2.70	107.56	6.50	104.86
B.M.			5.54	102.02

$$\begin{array}{r}
 102.02 \\
 102.00 \\
 \hline
 00.02 \quad \checkmark
 \end{array}$$

July 30, 1963

M. Muneeruddin

R. Vernon

well 2775

(X) well

Lincolnton
City Hall

U.S.C & G.
B.M

(X) 4914

37 ✓ Elev on well # 4542
 Sta BS HG FS Elev
 Rd. Inter 4.25 96.25 92.00
 well #4542 3.76 92.49

Well 3.76 96.25 92.49
 Rd. Inter 4.25 92.00

92.00
 92.00
 .00

July 30, 1963

M. Mumeruddin

R. Vernon

38 ✓ Elevation on Well # 3014

July 31, 1963

M. Mumeruddin

R. Vernon

Sta	BS	HI	FS	Elev
U.S.G.S B.M.	4.60	72.60		68.00
Well	(grd)		5.82	66.78
Well	5.82	72.60		66.78
B.M.			4.60	68.00

$$\begin{array}{r}
 68.00 \\
 68.00 \\
 \hline
 .00
 \end{array}$$
well
⊗Δ U.S.G.S
B.M.under
Mayo
Look out
tower

U.S. 27

39

✓ Elev on wells #5684, 3821 and 5465

Sta	BS	HI	FS	Elev
S.R.D.T.B.M.	10.16	99.92		89.76
#1	11.50	107.81	3.61	96.31
Well# 5684	4.06	109.83	2.04	105.77
Well# 5465	10.59	114.71	5.71	104.12
#1	8.92	121.93	1.70	113.01
#2	8.55	129.08	1.40	120.53
Well# 3821			3.78	125.30
Well# 3821	3.78	129.08		125.30
#1	0.84	117.87	12.05	117.03
#2	2.33	108.74	11.46	106.41
#3	1.57	98.75	11.56	97.18
B.M.			8.89	89.86

89.86
 89.76
 00.10 ✓

July 31, 1963.

M. Muneeruddin

R. Vernon.

S.R.D.T.B.M.

RR spike in 6" oak
 behind the Corrigan tower of
 the Stephen Foster Memorial

40

✓ Elevation in well # 3311

Sta +Bs HI -Fs Elev

U.S.C & G.S. B.M. 6.38 43.08 36.70

#1 8.10 46.56 4.62 38.46

#2 5.19 48.46 3.29 43.27

#3 4.74 46.50 6.70 41.76

Well # 3311 (grd) 4.52
4.60 41.98

Well 4.52 46.50 41.98

#1 4.70 47.52 3.68 42.82

#2 3.86 44.13 7.25 40.27

#3 5.04 43.99 5.18 38.95

B.M. 7.26 36.73

36.73

36.70

00.03 ✓

Aug 1, 1963

M. Muneeruddin

R. Vernon

U.S.C & G.S. B.M. BPT7

in Brimford, along the RR track

B.M.

RR tracks

⊗ well

41 ✓ Elevation in well # 3616.

	Station	+BS	HI	FS	Elev
U.S.C. & G.S.					
B.M.		8.35	72.35		64.00
#1		7.16	75.05	4.46	67.89
Well # 3616 (Grnd)				7.46	67.59
Well		7.46	75.05		67.59
#1		3.80	71.71	7.14	67.91
B.M.				7.69	64.02

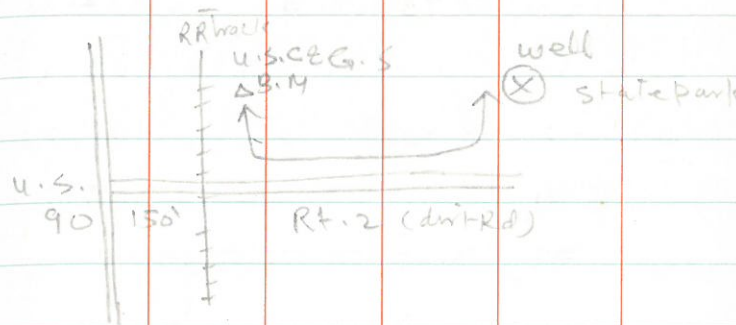
64.02
64.00

.02 ✓

Aug 1, 1963.

M. Muneruddin

R. Werner



42 ✓ Elevation on well # 2837

Sta +Bs HI FS Elev

U.S.C. & G.S. B.M. 5.73 109.94 104.21

Well # 2837 7.68 102.26

Well # " 8.33 110.59 102.26

B.M. 6.36 104.23

104.23

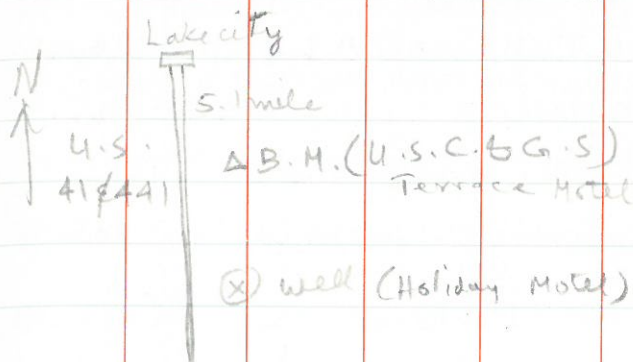
104.21

.02 ✓

Aug 6, 1963

M. Muneeruddin

R. Vernon



43

✓ Elev on wells # 2154 and 4216,

Aug 6, 1963

M. Muneeruddin

Sta BS HI FS Elev

R. Vernon

S.R.D. T.B.M. 6.06 192.99 186.93

S.R.D. B.M. # 3

Well # 4216 4.50 188.49

R.R spike in 10' pine

2154

42' Rt of sta 26+64.

Well 4.50 192.99 188.49

Brown & Ernie st (Lake City)

B.M. 6.06 186.93

44 ✓ Elev on well # 6164

Sta	+Bs	Hg	Fs	Elev
SRD.T.B.M.	5.89	155.87		149.98
#1	2.68	153.24	5.31	150.56
Well # 6164 (grd)			8.11	145.13
well	8.11	153.24		145.13
#1	4.20	154.08	3.36	149.88
B.M.			4.07	150.01

150.01
149.98

00.03 ✓

Aug 7, 1963

M. Muneeruddin

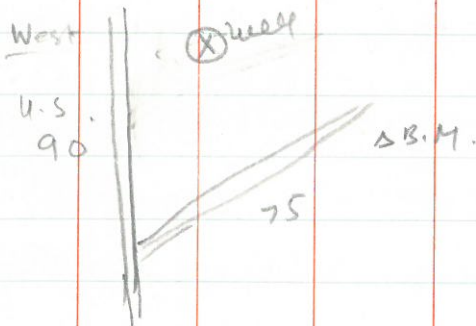
R. Vernon

SRD.T.B.M. NO # 108

RR spike in 4" oak

165' Rt of sta 1079 + 50

on Interstate Hwy 75



45 ✓ Elev on well # 1982

Aug 7, 1963

M. Muneeruddin

R. Vernon

	Sta	BS	HI	FS	Elev
U.S. C&GS					
B.M.		1.80	111.75		109.95
# 1		0.57	100.27	12.05	99.70
# 2		10.74	103.16	7.85	92.42
# 3		5.11	103.45	4.82	98.34
Well # 1982 (8rd)				5.45	98.00
Well		5.45	103.45		98.00
# 1		4.02	102.25	5.22	98.23
# 2		6.25	98.65	9.85	92.40
# 3		12.53	109.76	1.42	97.23
# 4		7.12	113.85	3.03	106.73
B.M.				3.86	109.99

109.99

109.95

00.04 ✓

46 ✓ Elev on well # 5709

Aug 8, 1963

M. Muneeruddin

R. Vernon

Sta	BS	HI	FS	Elev
U.S.C.B.G.S. B.M.	4.81	172.76		167.95
# 1	4.22	171.06	5.92	166.84
# 2	4.62	169.28	6.40	164.66
Well # 5709 (grd)			6.20	163.08
Well	6.20	169.28		163.08
# 1	5.73	171.83	3.18	166.10
# 2	5.94	172.88	4.89	166.94
B.M.			4.86	168.02

E

(X) well # 5709

U.S.

90

Δ B.M. (U.S.C.B.G.S.)

168.02
167.95

.07 ✓

47 ✓ Elevation on well # 3206

Aug 8, 1963

M. Muneruddin

R. Vernon

	Sta	BS	HI	FS	Elev
U.S.C. & G.S.		6.64	184.45		177.81
B.M.					
#1	4.46	183.41	5.50	178.95	
well # 3206			4.21	179.20	
well	4.21	183.41		179.20	
#1	5.71	184.60	4.52	178.89	
B.M.			6.77	177.83	

177.83
 177.81
 ———
 .02 ✓

Olustee
 battlefield B.M. Δ

RR

E

U.S.
 90

⊗
 well

48 ✓ Elev on well # 2826

Aug 9, 1963

M. Hunsicker

R. Vernon

	Sta	Bs	HI	Fs	Elev
U.S.C.	G.S.	6.47	175.60		169.13
	B.M.				
	#1	5.20	173.20	7.60	168.00
Well #	2826 (Pg 1)			7.79	165.41
	well	7.79	173.20		165.41
	#1	5.62	175.63	3.19	170.01
	B.M.			6.52	169.11

169.13
 169.11
 .02 ✓

E

well #
 (X) 2826

U.S.
 90

B.M.
 Δ
 U.S.C.G.S

49

✓ Elev on Well # 4056

Aug 12, 1963

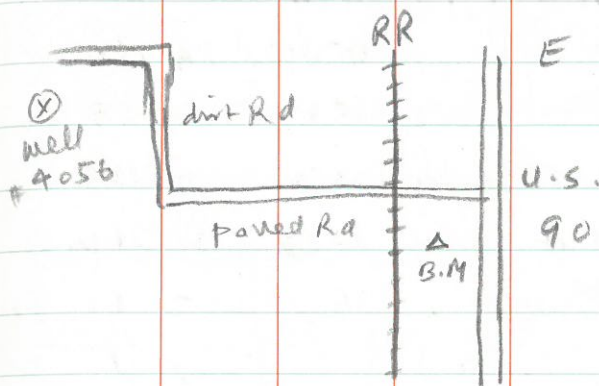
M. Munceruddin

R. Vernon

Sta	BS	HI	FS	Elev
U.S.C&G.S.B.M.	6.87	167.61		160.74
#1	4.61	165.48	6.74	160.87
#2	5.02	164.88	5.62	159.86
#3	4.48	163.20	6.16	158.72
#4	9.40	170.06	2.54	160.66
#5	4.67	168.51	6.22	163.84
Well # 4056 (grd)			6.47	162.04
Well	6.47	168.51		162.04
#1	1.50	162.25	6.76	161.75
#2	5.94	163.79	4.40	157.85
#3	7.50	166.99	4.30	159.49
B.M.			6.32	160.67

160.74
160.67

.07 ✓



50

✓ Elevation on well # 5972

Aug 13, 1963

M. Muneeruddin

Sta +BS HI FS Elev

R. Vernon

SRDTB.M 6.12 67.57 61.45

S.R.D.T.B.M. #2

Well (grd) 3.39 64.18

RR spike in 20" oak
near Cabin #1

well 3.39 67.57 64.18

B.M 6.12 61.45

$$\begin{array}{r}
 61.45 \\
 61.45 \\
 \hline
 .00
 \end{array}$$

51

✓ Elev on well # 4773

Aug 16, 1963.

M. Muneeruddin

R. Vernon

Sta	BS	HI	FS	Elev
SRD.T.B.M	5.40	171.98		166.58
#1	3.35	167.77	7.56	164.42
#2	3.01	159.78	11.00	156.77
Well # 4773 (g.d.)			10.42	149.36
Well	10.42	159.78		149.36
#1	11.20	169.00	1.98	157.80
#2	7.31	171.93	4.38	164.62
			5.30	166.63

S.R. D.T.B.M #16

RR spike in a 12" pine

Rt. Sta 149+00

Grey
wood
Rising
trail

Well
(X)

N
||
4.5
90

Δ B.M

166.63
166.58

0.05 ✓

52

Elev on well # 2806

Sta BS HI FS Elev

SRD. T.B.M. 5.10 162.38 157.28

#1 6.02 158.10 10.30 152.08

Well #2806 (grd) 5.98 152.12

Well 5.98 158.10 152.12

#1 7.62 161.08 4.64 153.46

B.M. 3.75 157.33

157.33

157.28

0.05 ✓

Aug 20, 1963

M. Muneeruddin

R. Hernan

S.R.D. B.M. # 10

RR spike in 40" Oak

Rt. Sta 101+57

53 ✓ Elev on Well # 5622 and 5623

Sta BS HI FS Elev

Main Hole # 7 4.50 172.97 168.47

Well # 5622 (grd) 3.96 171.45 5.48 167.49

Well # 5623 4.43 167.02

Well # 5623 4.43 171.45 167.02

#1 5.50 173.21 3.74 167.71

M.H. # 7 4.75 168.46

168.47
168.46

01 ✓

Aug 21, 1963

M. Munnuruddin

R. Vernon

M. Hole No 7, near Law
College, U of Florida.

54

Elevation on well #2838

Aug 22, 1963

M. Muneruddin

R. Vernon

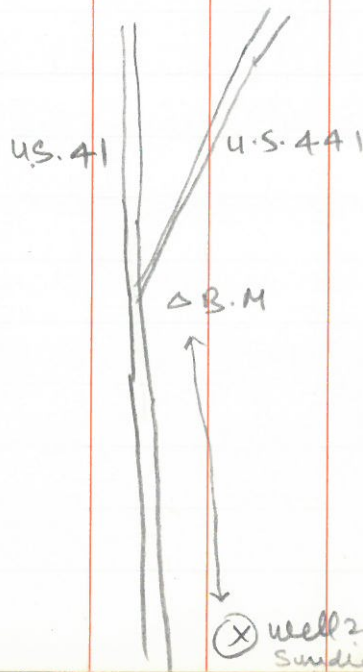
	Sta	BS	HI	FS	Elev
J.B. Moore's	B.M.#2	4.06	97.22		93.16
	#1	10.58	106.05	1.75	95.47
	#2	4.69	107.69	3.05	103.60
	#3	4.57	103.98	8.28	99.41
	#4	6.54	103.40	7.12	96.86
Well #2838 (ground)				4.80	98.60
well		4.80	103.40		98.60
	#1	7.15	104.16	6.39	97.01
	#2	6.40	107.67	2.89	101.27
	#3	1.97	99.09	10.55	97.12
B.M.				5.88	93.21

$$\begin{array}{r}
 93.21 \\
 93.16 \\
 \hline
 .05 \checkmark
 \end{array}$$

B.M.#2

set up by J.B. Moore, Land Sur-
veyer, Lake City, Fla.

Cross mark on the right side
of the Culvert, at the junction
of U.S. 41 and 441.



55

✓ Elevation on Core Hole

Sta	BS	HI	FS	Elev
SRD. TBM	12.60	206.32		193.72
# 1	6.98	210.87	2.43	203.89
Core Hole			5.60	205.27
Core Hole	5.60	210.87		205.27
#1	0.94	204.11	7.70	203.17
TBM			10.35	193.76

193.72
193.68
00.04 ✓

Dec 7, 1963

M. Mameruddin

R. Vernon

SRD. TBM, at the Central median
on Hwy U.S. 27, at Capps,
at the intersection of U.S. 19 & 27.

Core Hole
(X)

BM

U.S. 27

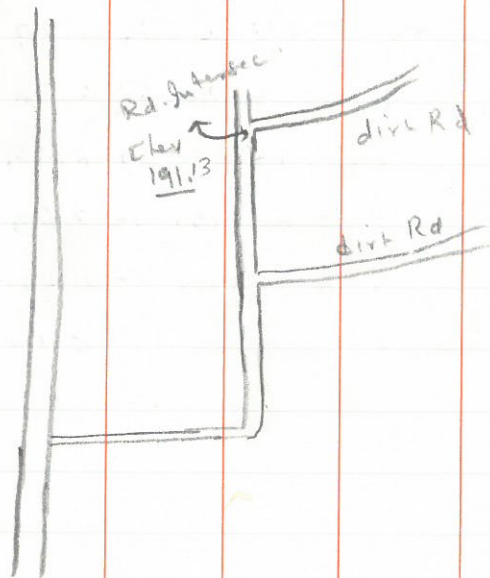
56 ✓ Elev on well # 6061

Dec 7, 1963

M. Muneeruddin

R. Vernon

	Sta	Bs	HI	Fs	Elev
U.S.G.S. B.M.		4.90	144.90		140.00
#1		8.47	151.80	1.57	143.33
#2		8.12	157.82	2.10	149.70
#3		9.15	164.85	2.12	155.70
#4		7.20	169.96	2.09	162.76
#5		5.33	170.97	4.32	165.64
#6		9.34	176.83	3.48	167.49
#7		9.44	183.97	2.30	174.53
#8		8.80	190.18	2.59	181.38
#9		6.69	194.52	2.35	187.83
#10		3.34	192.69	5.17	189.35
#11		3.82	189.96	6.55	186.14
#12		2.24	182.47	9.73	180.23
#13		8.03	183.36	7.14	175.33
#14		7.71	188.64	2.43	180.93
#15		9.60	193.59	4.65	183.99

U.S.G.S
B.M. A

Sta	BS	HI	FS	Elev
# 16	9.48	202.37	0.70	192.89
# 17	2.79	200.80	4.36	198.01
# 18	5.67	200.74	5.73	195.07
# 19	4.86	202.86	2.74	198.00
# 20	1.45	195.82	8.49	194.37
# 21	4.04	192.23	7.63	188.19
# 22	6.86	196.27	2.82	189.41
			5.14	191.13

Intersection of
2 div. Rds.