

**[Report 1958] / Medical Officer of Health, Scarborough (Union) R.D.C.**

**Contributors**

Scarborough (England). Rural District Council.

**Publication/Creation**

1958

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SCARBOROUGH RURAL DISTRICT COUNCIL



Health Department,  
King Street,  
Scarborough.

July 1959.

Annual Report of the Medical Officer of Health for  
the year ended 31st December, 1958.

To: The Chairman and Members of the Scarborough Rural District Council.

Mr. Chairman, My Lords, Ladies and Gentlemen,

I have the honour to present my Annual Report for 1958.

The Committee will note that the vital statistics show very little change from last year. Indeed the figures for the last four years are remarkable for the small variations they show.

For the first time for some years, the number of births is less than the number of deaths. This may be due to a chance variation or it may be due to a change in the age structure of the population. This change is, of course, partly due to young people leaving the rural areas and partly due to the longer expectation of life. This latter tendency is shown by the ages of those who died during the year, 80% of them being 65 or over.

In conclusion, I must thank the Officers of the Council for their co-operation and the Committee for their interest and encouragement.

I am,  
Mr. Chairman, My Lords, Ladies  
and Gentlemen;

Your obedient Servant,

W. G. EVANS

M.A., M.B., B.Chir., M.R.C.S., L.R.C.P., D.P.H.

Medical Officer of Health.

The following Committees of the Scarborough Rural District Council are concerned with matters of public health, viz:-

Health and Housing Committee

Water and Sewerage Committee

In addition the Authority has a Representative on the Scarborough Area Local Health Sub-Committee (No. 10 Area of the North Riding of Yorkshire County Council).

# VITAL STATISTICS

## Population

The mid-year population estimated by the Registrar-General at 7,620, shows a decrease of 10 compared with 1957.

## Births

A total of 84 Live and Still births gave a birth-rate (adjusted) of 13.2 per 1,000 population.

<u>Live Births</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
Legitimate	47	35	82
Illegitimate	<u>1</u>	<u>1</u>	<u>2</u>
	48	36	84

Illegitimate Live births per cent of total Live births = 2.4

<u>Still Births</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
Legitimate	-	-	-
Illegitimate	-	-	-

Still-birth rate per 1,000 total births = NIL  
Still-birth rate for England and Wales = 21.6

Year	Popula- tion	Live & Still Births	Live Birth Rate, per 1000 popu- lation	Deaths	Rate per 1000 pop- ulation	Infant Deaths	Rate per 1000 live Births	Still Births	Rate per 1000 live & still Births
1955	7630	103	15.7 adjusted	101	10.5 adjusted	1	10.0	3	29.1
1956	7620	95	15.0 "	91	11.9 "	4	42.0	-	-
1957	7630	97	15.1 "	93	10.6 "	1	10.4	1	10.3
1958	7620	84	13.2 "	102	11.6 "	3	35.7	-	-
England & Wales (Provisional)									
1958			16.4		11.7		22.5		21.6

## Deaths

There was a total of 102 deaths during 1958.

Maternal Deaths (including abortion) - NIL

Maternal Mortality Rate - NIL

<u>Causes of Death</u>	<u>Male</u>	<u>Female</u>
Tuberculosis (respiratory) ...	2	-
Measles ...	-	1
Malignant neoplasm, lung, bronchus ...	1	1
" " breast ...	-	2
Other malignant and lymphatic neoplasms ...	5	5
Leukaemia ...	1	-
Vascular lesions of nervous system ...	10	12
Coronary disease, angina ...	9	8



W.G. Evans, M.A., M.B., B.Chir., D.P.H.  
Medical Officer of Health

Health Department,  
King Street,  
Scarborough.

28th August 1959.

Dear Sir,

ANNUAL REPORTS

SCALBY URBAN DISTRICT COUNCIL AND SCARBOROUGH  
RURAL DISTRICT COUNCIL.

I regret to inform you that owing to confusion in the preparation of the above Two Annual Reports for the year ended 31st December 1958, relating to Infectious Disease Notifications, numerous errors have occurred and I give below the Reported and the Corrected figures.

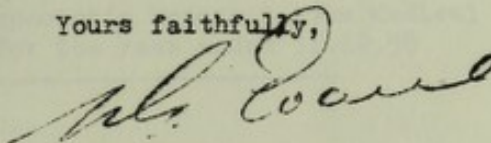
<u>SCALBY URBAN DISTRICT</u>	<u>Shown in Report</u>	<u>CORRECTED Figures</u>
------------------------------	------------------------	--------------------------

Whooping Cough . . . . .	25	16
Scarlet Fever. . . . .	3	4
Measles . . . . .	204	104
Pneumonia. . . . .	6	8

SCARBOROUGH RURAL DISTRICT COUNCIL

Whooping Cough. . . . .	33	42
Scarlet Fever. . . . .	2	1
Measles. . . . .	59	159
Pneumonia. . . . .	4	2

Yours faithfully,



Medical Officer of Health



Deaths (Con.)

<u>Causes of Death</u>				<u>Male</u>	<u>Female</u>
Hypertension with heart disease	...	...	...	1	-
Other heart disease	...	...	...	11	10
" circulatory disease	...	...	...	1	1
Pneumonia	...	...	...	3	1
Bronchitis	...	...	...	2	2
Other diseases of respiratory system	...	...	...	1	-
Gastritis, enteritis and diarrhoea	...	...	...	-	1
Hyperplasia of prostate	...	...	...	2	-
Other defined and ill-defined diseases	...	...	...	6	1
Motor vehicle accidents	...	...	...	1	-
All other accidents	...	...	...	-	1
				<u>56</u>	<u>46</u>

Infectious Diseases

<u>Notifications</u>				
Whooping Cough	...	...	...	33
Measles	...	...	...	59
Scarlet Fever	...	...	...	2
Pneumonia	...	...	...	4
Tuberculosis	...	...	...	1
				<u>99</u>

National Assistance Act, 1948, S.47

No action was required during the year on behalf of the Authority under Section 47. This section deals with the compulsory removal to hospital or other institution of persons in need of care and attention and not receiving it from any other person.

The following part of this Report was prepared by Mr. Foulkes, the Public Health Inspector, viz:-

The Public Health Inspector's Report to the Medical Officer of Health for the year ended 31.12.58

HOUSING

Fifty-three houses were built by private enterprise during 1958.

Ninety houses were re-inspected under the Housing Acts and thirty-seven houses were repaired during the year as a result of informal action under the Public Health and Housing Acts. No houses were demolished.

Applications for grant under the Housing Repairs and Rents Act, 1954, were dealt with as follows:-

Applications under consideration at 31.12.57	...	0
New applications received during 1958	...	14
Total	...	<u>14</u>
Number of applications refused during 1958	...	0
Number of applications withdrawn during 1958	...	2
Number of grants approved during 1958	...	12
Number of applications under consideration at 31.12.58	...	0
Total	...	<u>14</u>



## HOUSING (Con.)

At the 31st December, 1958, sixty-eight properties had been improved as a result of grants being made under the above Act, works in connection with sixteen of these properties being completed during 1958.

### Surveys and Inspections

Houses surveyed	...	...	...	...	...	...	4
Housing inspections other than surveys	...	...	...	...	...	...	90
Number of Informal Notices served	...	...	...	...	...	...	1
Number of Statutory Notices served	...	...	...	...	...	...	1
Number of Informal Notices complied with	...	...	...	...	...	...	1
Number of Statutory Notices complied with	...	...	...	...	...	...	-
Enquiries made in connection with applications for tenancy							
	of Council Houses						18
Council Houses inspected	...	...	...	...	...	...	34
Council Houses re-inspected	...	...	...	...	...	...	-
Inspections made in connection with applications for grant							
	under the Housing Repairs and Rents Act, 1954						134
Certificates of Dis-repair applied for	...	...	...	...	...	...	1
Certificates of Dis-repair granted	...	...	...	...	...	...	1

## WATER SUPPLIES

Ø Denotes information supplied by the Council's Water Engineer.

Samples were taken from the water supplies within the Council's area periodically and submitted for analysis.

### (i) Ayton

Of forty-seven samples of water taken from the supply after chlorination, two proved to be unsatisfactory and the remainder satisfactory when submitted to bacteriological examination. The unsatisfactory samples were due to disturbances caused when alterations and repairs were carried out at the Ayton Reservoir. Forty-eight lovibond tests were made.

Ø Storage tanks were erected at Yedmandale, West Ayton, and at Betton Rise, East Ayton, to provide "reservoir supplies" to the Parishes of East and West Ayton to maintain supplies during peak periods. The switch to the Thornton Varley Spring, supplying East and West Ayton, was made fully automatic, and a short length of 3" water main was laid to serve the new housing development at The Close, Racecourse Road, East Ayton.

### (ii) Burniston, Cloughton and Stainton Dale

Ø The bulk supply obtained from the Scalby U.D.C. for the above Parishes continues to be satisfactory, although regular fortnightly flushing of the mains continues to be necessary to remove iron deposits in the mains. This supply is not chlorinated.

Of forty-five samples taken from the Stainton Dale village private supply, which is unchlorinated, twenty-nine proved to be excellent, three satisfactory, two suspicious, and eleven unsatisfactory, upon being submitted for analysis.

Forty-seven samples were taken from the "Parish Well" unchlorinated private supply at Stainton Dale, and submitted for analysis. Sixteen proved to be excellent, eight satisfactory, one suspicious and twenty-two unsatisfactory.



## WATER SUPPLIES (Con.)

### (iii) Snainton, Brompton and Sawdon

Ø An 80 ft. borehole was sunk at Nettledale Lane, Snainton, to supply the villages of Snainton and Brompton, and was completed and in full automatic use on the 24th April, 1958. The Troutsdale Springs continue to supply Sawdon and certain "high" farms to the north of Snainton village.

One sample was taken from the borehole supply before chlorination and proved to be "excellent" upon analysis. Of forty-eight samples taken at Snainton after chlorination and submitted for analysis, forty-six were satisfactory and two unsatisfactory. The latter were caused by defects on the chlorinator.

A further sample of the chlorinated water taken at Brompton-by-Sawdon proved satisfactory upon analysis.

Forty-nine lovibond tests were carried out at Snainton and Brompton-by-Sawdon during the year. Weekly flushing of the mains has been carried out to remove the iron deposits.

### (iv) Hutton Buscel, Wykeham and Ruston

Of forty-eight samples taken from the Wykeham private supply, which is chlorinated, forty-six proved to be satisfactory and two unsatisfactory upon analysis.

### (v) General

An analysis of the results of all water samples taken during the year is given at Appendix 'B'. Numbers of dwelling houses and population on public water mains are given at Appendix 'C'.

## DRAINAGE

### (i) General

Sewerage schemes for the Parishes of Gristhorpe, Lebberston, Hutton Buscel, Wykeham and Ruston, Brompton and Sawdon, Snainton and Burniston and Cloughton are still in abeyance.

### (ii) Seamer Regional Sewerage Scheme

Fifty-one further premises (including new dwellings) have been connected to the Seamer Regional Sewerage System and three premises to other main drainage systems.

## CAMPING

The forty licensed camping sites within the district were kept under observation and it was found necessary to serve a Formal Notice on only one occasion with regard to complaints received regarding breaches of Camping Regulations.

On the 23rd December, 1957, the Council refused to renew a licence for a caravan site containing sixty caravans for the year 1958 and an appeal was made before the magistrates' court on the 13th February, 1958. The magistrates

- (a) expressed the opinion that it would be unreasonable to require the appellant to provide waterborne sanitation before the commencement of the coming season, but that it would not be unreasonable to require him to do so at a not too distant date; and



## CAMPING (Con.)

- (b) having obtained an undertaking from the Council's representatives that a licence would be issued for the present year with the same conditions as attached to the licence dated the 26th March, 1957, with the exception that fifteen chemical closets be allowed and that a licence for a period of five years will be issued for the period commencing on the 1st January next with the same conditions as those attached to the said March, 1957, licence; adjourned the hearing sine die.

A licence was issued in respect of this site for the year 1958 and since the closure of the camp at the end of the season the owner has complied with the Council's requirements.

## TIPS

Conditions on all the Council's tips have been satisfactory and the tips have been dis-infested of rats frequently.

## FOOD HYGIENE

No special Clean Food Campaign was introduced within the Council's area, although the comparatively few food premises were included in regular tours of inspection.

Details of Food Premises situated within the district are as follows:-

<u>Business</u>	<u>Number</u>	<u>Inspections</u>	<u>Satisfactory</u>	<u>Unsatisfactory</u>
Grocers	30	35	35	-
Butchers	8	9	8	1
Fish and Chips	4	5	5	-
Catering	35	38	38	-
Licensed Premises	25	6	6	-
Ice-cream Retailers	30	52	52	-
Milk Retailers (includes 6 without premises)	22	5	5	-

There are no premises within the district where ice-cream is manufactured by means of Heat Treatment.

## SLAUGHTERHOUSES

The licences of the five slaughterhouses situated within the district were renewed upon application by the owners, and the premises have been inspected regularly in addition to the visits made in connection with the inspection of meat.

Details of inspections and condemnations of meat are given at Appendix 'A'.

## MILK SAMPLES

The results obtained upon analysis of samples of milk taken during the year were as follows:-

			<u>Passed</u>	<u>Failed</u>
Methylene Blue Test	...	...	16	4
Brucella Abortus	...	...	10	2
Totals	...		26	6



# INSPECTIONS

Slaughterhouse inspections	...	...	...	...	...	49
Visits to slaughterhouses for the purpose of inspecting meat	...	...	...	...	...	725
Shops Act, 1934, Sec. 10 and 13(3)	...	...	...	...	...	10
Food and Drugs Act, 1938 - Food Premises (other than Ice-cream)	...	...	...	...	...	87
- Premises used for the retail of Ice-cream	...	...	...	...	...	52
Diseases of Animals Act (Anthrax)	...	...	...	...	...	2
Infectious Diseases - Enquiries	...	...	...	...	...	6
- Fumigations	...	...	...	...	...	3
Other Diseases - Enquiries	...	...	...	...	...	1
Verminous premises inspected	...	...	...	...	...	1
do. treated	...	...	...	...	...	1
Nuisances - inspections	...	...	...	...	...	64
- found	...	...	41	...	...	
- Outstanding at 1.1.58	...	Nil	Total requiring abatement	41		
- Informal notices served	...	...	...	...	...	26
- Informal notices complied with	...	...	...	...	...	26
- Statutory notices served	...	...	...	...	...	-
- Statutory notices complied with	...	...	...	...	...	-
- Abated during the year	...	...	...	...	...	41
- Outstanding at 31.12.58	...	...	...	...	...	-
Camping Sites - Registered sites in the district	...	...	...	...	...	40
- Numbers of caravans, chalets and tents	...	...	...	...	...	1225
- Applications for licences refused	...	...	...	...	...	1
- Inspections carried out	...	...	...	...	...	249
- Unsatisfactory conditions found	...	...	...	...	...	4
- Informal notices re breaches of camping regulations	...	...	...	...	...	15
- Informal notices complied with	...	...	...	...	...	15
Drainage - Complaints received	...	...	...	...	...	1
- Inspections made	...	...	...	...	...	1
- Complaints justified	...	...	...	...	...	1
- Informal notices served	...	...	...	...	...	1
- Informal notices complied with	...	...	...	...	...	1
- Statutory notices served	...	...	...	...	...	-
- Statutory notices complied with	...	...	...	...	...	-
- House drains tested and approved	...	...	...	...	...	41
- do. and disapproved	...	...	...	...	...	1
- Lengths of sewer tested and approved	...	...	...	...	...	2
- do. and disapproved	...	...	...	...	...	-
- Private Sewage Works inspected	...	...	...	...	...	3
- Drainage systems inspected	...	...	...	...	...	1
- Ditches inspected	...	...	...	...	...	7
- Sewers - Complaints received	...	...	...	...	...	1
- do. justified	...	...	...	...	...	1
- do. remedied	...	...	...	...	...	1
W.Cs. provided to new houses	...	...	...	...	...	56
Additional W.Cs. provided to old properties	...	...	...	...	...	36
W.Cs. provided for camping sites, etc.	...	...	...	...	...	-
Privies converted to W.Cs.	...	...	...	...	...	3
Pail Closets converted to W.Cs.	...	...	...	...	...	21
Privies abolished	...	...	...	...	...	14
Pail Closets abolished	...	...	...	...	...	6
Private Sewage Works provided to Camping Grounds	...	...	...	...	...	-
Cesspools abolished	...	...	...	...	...	-
Septic Tanks abolished	...	...	...	...	...	-
Cesspools provided	...	...	...	...	...	-
Septic Tanks provided	...	...	...	...	...	18
Urinals provided	...	...	...	...	...	4
Properties connected to main sewers	...	...	...	...	...	54
Tip inspections	...	...	...	...	...	30
Scavenging Complaints received	...	...	...	...	...	78
do. dealt with	...	...	...	...	...	78
Refuse Collection inspections	...	...	...	...	...	234
Samples of water taken for analysis (Chemical and Bacteriological)	...	...	...	...	...	239
Lovibond Tests	...	...	...	...	...	147
Private water supplies - Complaints received	...	...	...	...	...	4
- Complaints justified	...	...	...	...	...	4
- Complaints remedied	...	...	...	...	...	4
New Petroleum Installation inspections	...	...	...	...	...	-
Existing Petroleum Installation inspections	...	...	...	...	...	58



RODENT CONTROL

(a) Minor Infestations - 19 Rats and under

Sewers	...	...	...	0
Surface	...	...	...	2
Private Dwellings	...	...	...	253
Re-chargeable properties	...	...	...	8
Total	...	...	...	263

(b) Major Infestations - 20 to 199 Rats

Sewers	...	...	...	4
Surface	...	...	...	12
Private Dwellings	...	...	...	16
Re-chargeable properties	...	...	...	85
Total	...	...	...	117

Number of bodies	...	...	...	1853
Estimated kill	...	...	...	7346
Complaints received	...	...	...	56
Complaints remedied	...	...	...	56

FACTORIES ACTS 1937 and 1948

Following is an abbreviated copy of Form 572 (Revised), which has been forwarded direct to the Ministry of Labour and National Service in accordance with the Regulations:-

Part I of the Act

1. Inspections for purposes of provisions as to health (including inspections by Public Health Inspectors).

Premises	No. on Register	No. of Inspections	No. of Written Notices	Occupiers Prosecuted
(a) Factories in which S.1,2,3,4 & 6 are to be enforced by L.A.'s.	42	37	-	-
(b) Factories not included in (a) in which S.7 is enforced by L.A.'s.	-	-	-	-
(c) Other premises in which S.7 is enforced by the L.A. (excluding outworkers premises)	-	-	-	-
Total	42	37	-	-

2. Cases in which DEFECTS were found:- NIL

3. Part VII of the Act - Outwork (Sections 110 and 111).

Nature of Work	Section 110			Section 111		
	No. of out-workers in August list required by Sec. 110(1)(c)	No. of cases of default in sending lists to the Council.	No. of prosecutions for failure to supply lists	No. of instances of work in un-wholesome premises	Notices served	Pro-se-cu-tions
Wearing (Making, Cleaning & Apparel (Washing, etc))	1	-	-	-	-	-
Total	1	-	-	-	-	-

Appendix 'A' to Report to the Medical Officer of Health for the year ended  
31st December, 1958.

	Cattle	Calves	Sheep and Lambs	Pigs
Number killed	368	17	975	526
Number inspected	368	17	975	526
<u>All diseases except Tuberculosis:</u>				
Whole carcasses condemned	0	1	28	3
Carcasses of which some part or organ was condemned	36	0	19	49
Percentage of the number inspected affected with disease other than tuberculosis	9.8	5.9	4.8	9.8
<u>Tuberculosis only:</u>				
Whole carcasses condemned	0	0	0	0
Carcasses of which some part or organ was condemned	3	0	0	0
Percentage of the number inspected affected with tuberculosis	.8	0	0	0



Appendix 'B' to Report to the Medical Officer of Health for the year ended  
31st December, 1958.

ANALYSIS OF WATER SAMPLES - FROM MAINS

\* Denotes Chlorinated Supply

PARISH	Bacteriological					Chemical				
	1 H Sat.	2 Sat.	3 Susp.	4 Un- Sat.	Total	1 H Sat.	2 Sat.	3 Susp.	4 Un- Sat.	Total
Ayton *	-	45	-	2	47	-	-	-	-	-
Burniston, Cloughton and Stainton Dale	-	-	-	-	-	-	-	-	-	-
Sawdon	-	1	-	-	1	-	-	-	-	-
Ravenscar *	-	-	-	-	-	-	-	-	-	-
Snainton *	-	46	-	2	48	-	-	-	-	-
Stainton Dale	-	-	-	-	-	-	-	-	-	-
Wykeham *	-	46	-	2	48	-	-	-	-	-
Hutton Buscelm	-	-	-	-	-	-	-	-	-	-
Brompton	-	1	-	-	1	-	-	-	-	-
Totals	-	139	-	6	145	-	-	-	-	-

ANALYSIS OF WATER SAMPLES - FROM OTHER SOURCES

PARISH	Bacteriological					Chemical				
	1 H Sat.	2 Sat.	3 Susp.	4 Un- Sat.	Total	1 H Sat.	2 Sat.	3 Susp.	4 Un- Sat.	Total
Snainton Borehole	1	-	-	-	1	-	1	-	-	1
Cloughton	-	-	-	-	-	-	-	-	-	-
Stainton Dale Village	-	-	-	-	-	-	-	-	-	-
Private Supply	29	3	2	11	45	-	-	-	-	-
Stainton Dale Parish Well	16	8	1	22	47	-	-	-	-	-
Totals	46	11	3	33	93	-	1	-	-	1

Appendix 'C' to Report to the Medical Officer of Health for the year ended  
31st December, 1958.

Dwelling Houses and Number of Population within the Scarborough Rural District  
supplied from water mains

PARISH	Estimated Population	No. of popula- tion supplied		No. of Dwellings supplied		Number of Standpipes
		Direct	Standpipe	Direct	Standpipe	
Ayton - East	683	663	-	232	-	-
Ayton - West	441	399	8	139	3	3
Burniston	623	609	-	213	-	-
Brompton and Sawdon	495	487	-	170	-	-
Broxa	29	15	-	5	-	-
Cayton	999	991	8	347	3	2
Cloughton	638	564	-	197	-	-
Gristhorpe	216	216	-	75	-	-
Hackness	107	76	3	26	1	1
Harwood Dale	116	-	-	-	-	-
Hutton Buscel	338	310	-	108	-	-
Irton	222	214	-	74	-	-
Lebberston	139	139	-	48	-	-
Seamer	1092	1057	3	372	1	1
Silpho	35	32	-	11	-	-
Snainton	700	669	-	234	-	-
Stainton Dale	298	178	3	62	1	1
Suffield	53	29	-	10	-	-
Troutdale	32	-	-	-	-	-
Wykeham and Ruston	364	324	3	113	1	1
Totals	7620	6972	28	2436	10	9



The following table shows the results of the analysis of the water samples collected from the various sources during the period from January 1st to March 31st, 1904.

TABLE I. - ANALYSIS OF WATER SAMPLES COLLECTED FROM VARIOUS SOURCES DURING THE PERIOD FROM JANUARY 1ST TO MARCH 31ST, 1904.

No. of Sample	Source of Water	Analysis of Water				Total Hardness
		Calcium	Magnesium	Sulfate	Chloride	
1	Well No. 1	12.5	3.5	1.0	0.5	17.5
2	Well No. 2	15.0	4.0	1.5	0.5	21.0
3	Well No. 3	18.0	5.0	2.0	0.5	25.5
4	Well No. 4	20.0	6.0	2.5	0.5	29.0
5	Well No. 5	22.0	7.0	3.0	0.5	32.5
6	Well No. 6	25.0	8.0	3.5	0.5	37.0
7	Well No. 7	28.0	9.0	4.0	0.5	41.5
8	Well No. 8	30.0	10.0	4.5	0.5	45.0
9	Well No. 9	32.0	11.0	5.0	0.5	48.5
10	Well No. 10	35.0	12.0	5.5	0.5	53.0
11	Well No. 11	38.0	13.0	6.0	0.5	57.5
12	Well No. 12	40.0	14.0	6.5	0.5	61.0
13	Well No. 13	42.0	15.0	7.0	0.5	64.5
14	Well No. 14	45.0	16.0	7.5	0.5	69.0
15	Well No. 15	48.0	17.0	8.0	0.5	73.5
16	Well No. 16	50.0	18.0	8.5	0.5	77.0
17	Well No. 17	52.0	19.0	9.0	0.5	80.5
18	Well No. 18	55.0	20.0	9.5	0.5	85.0
19	Well No. 19	58.0	21.0	10.0	0.5	89.5
20	Well No. 20	60.0	22.0	10.5	0.5	93.0
21	Well No. 21	62.0	23.0	11.0	0.5	96.5
22	Well No. 22	65.0	24.0	11.5	0.5	101.0
23	Well No. 23	68.0	25.0	12.0	0.5	105.5
24	Well No. 24	70.0	26.0	12.5	0.5	109.0
25	Well No. 25	72.0	27.0	13.0	0.5	112.5
26	Well No. 26	75.0	28.0	13.5	0.5	117.0
27	Well No. 27	78.0	29.0	14.0	0.5	121.5
28	Well No. 28	80.0	30.0	14.5	0.5	125.0
29	Well No. 29	82.0	31.0	15.0	0.5	128.5
30	Well No. 30	85.0	32.0	15.5	0.5	133.0
31	Well No. 31	88.0	33.0	16.0	0.5	137.5
32	Well No. 32	90.0	34.0	16.5	0.5	141.0
33	Well No. 33	92.0	35.0	17.0	0.5	144.5
34	Well No. 34	95.0	36.0	17.5	0.5	149.0
35	Well No. 35	98.0	37.0	18.0	0.5	153.5
36	Well No. 36	100.0	38.0	18.5	0.5	157.0
37	Well No. 37	102.0	39.0	19.0	0.5	160.5
38	Well No. 38	105.0	40.0	19.5	0.5	165.0
39	Well No. 39	108.0	41.0	20.0	0.5	169.5
40	Well No. 40	110.0	42.0	20.5	0.5	173.0
41	Well No. 41	112.0	43.0	21.0	0.5	176.5
42	Well No. 42	115.0	44.0	21.5	0.5	181.0
43	Well No. 43	118.0	45.0	22.0	0.5	185.5
44	Well No. 44	120.0	46.0	22.5	0.5	189.0
45	Well No. 45	122.0	47.0	23.0	0.5	192.5
46	Well No. 46	125.0	48.0	23.5	0.5	197.0
47	Well No. 47	128.0	49.0	24.0	0.5	201.5
48	Well No. 48	130.0	50.0	24.5	0.5	205.0
49	Well No. 49	132.0	51.0	25.0	0.5	208.5
50	Well No. 50	135.0	52.0	25.5	0.5	213.0
51	Well No. 51	138.0	53.0	26.0	0.5	217.5
52	Well No. 52	140.0	54.0	26.5	0.5	221.0
53	Well No. 53	142.0	55.0	27.0	0.5	224.5
54	Well No. 54	145.0	56.0	27.5	0.5	229.0
55	Well No. 55	148.0	57.0	28.0	0.5	233.5
56	Well No. 56	150.0	58.0	28.5	0.5	237.0
57	Well No. 57	152.0	59.0	29.0	0.5	240.5
58	Well No. 58	155.0	60.0	29.5	0.5	245.0
59	Well No. 59	158.0	61.0	30.0	0.5	249.5
60	Well No. 60	160.0	62.0	30.5	0.5	253.0
61	Well No. 61	162.0	63.0	31.0	0.5	256.5
62	Well No. 62	165.0	64.0	31.5	0.5	261.0
63	Well No. 63	168.0	65.0	32.0	0.5	265.5
64	Well No. 64	170.0	66.0	32.5	0.5	269.0
65	Well No. 65	172.0	67.0	33.0	0.5	272.5
66	Well No. 66	175.0	68.0	33.5	0.5	277.0
67	Well No. 67	178.0	69.0	34.0	0.5	281.5
68	Well No. 68	180.0	70.0	34.5	0.5	285.0
69	Well No. 69	182.0	71.0	35.0	0.5	288.5
70	Well No. 70	185.0	72.0	35.5	0.5	293.0
71	Well No. 71	188.0	73.0	36.0	0.5	297.5
72	Well No. 72	190.0	74.0	36.5	0.5	301.0
73	Well No. 73	192.0	75.0	37.0	0.5	304.5
74	Well No. 74	195.0	76.0	37.5	0.5	309.0
75	Well No. 75	198.0	77.0	38.0	0.5	313.5
76	Well No. 76	200.0	78.0	38.5	0.5	317.0
77	Well No. 77	202.0	79.0	39.0	0.5	320.5
78	Well No. 78	205.0	80.0	39.5	0.5	325.0
79	Well No. 79	208.0	81.0	40.0	0.5	329.5
80	Well No. 80	210.0	82.0	40.5	0.5	333.0
81	Well No. 81	212.0	83.0	41.0	0.5	336.5
82	Well No. 82	215.0	84.0	41.5	0.5	341.0
83	Well No. 83	218.0	85.0	42.0	0.5	345.5
84	Well No. 84	220.0	86.0	42.5	0.5	349.0
85	Well No. 85	222.0	87.0	43.0	0.5	352.5
86	Well No. 86	225.0	88.0	43.5	0.5	357.0
87	Well No. 87	228.0	89.0	44.0	0.5	361.5
88	Well No. 88	230.0	90.0	44.5	0.5	365.0
89	Well No. 89	232.0	91.0	45.0	0.5	368.5
90	Well No. 90	235.0	92.0	45.5	0.5	373.0
91	Well No. 91	238.0	93.0	46.0	0.5	377.5
92	Well No. 92	240.0	94.0	46.5	0.5	381.0
93	Well No. 93	242.0	95.0	47.0	0.5	384.5
94	Well No. 94	245.0	96.0	47.5	0.5	389.0
95	Well No. 95	248.0	97.0	48.0	0.5	393.5
96	Well No. 96	250.0	98.0	48.5	0.5	397.0
97	Well No. 97	252.0	99.0	49.0	0.5	400.5
98	Well No. 98	255.0	100.0	49.5	0.5	405.0
99	Well No. 99	258.0	101.0	50.0	0.5	409.5
100	Well No. 100	260.0	102.0	50.5	0.5	413.0