

SHAWVER WELL CO.

WATER WELL DRILLING
 P. O. BOX 64
 FREDERICKSBURG, IOWA
 Phone 4341

years of
 experience..



Town Of Sumner Iowa

Sumner Iowa

DATE 10 December 1963

S + E of Hospital.

YOUR ORDER No.

TERMS :

QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
	LOG OF WELL		
0	to 10'	Topsoil & Yellow clay	
10'	to 38'	Blue clay	
38'	to 42'	Sand & Gravel	
42'	to 81'	Blue clay	
81'	to 83'	Gravel with water	
83'	to 98'	Limerock shale & sand (Devonian)	
98'	to 130'	Broken limerock (Devonian)	
130'	to 152'	Limerock (Silurian)	
152'	to 265'	Shale (Maquoketa)	
265'	to 340'	Limerock (Ft. Atkinson)	
340'	to 386'	Shale	
386'	to 402'	Limerock	
402'	to 424'	Limerock	
424'	to 436'	Shale	
436'	to 655'	Limerock (Galena)	
655'	to 742'	Shale & Limerock	
742'	to 792'	Sandstone (last 35' of sandrock very clean)	
792'	to 1155'	Limerock	
1155'	to 1170'	Limerock & sand rock	
1170'	to 1238'	Sandrock (Jordan)	
1238'	to 1241'	Limerock	

Csg. record-

0 - 455 - 12 $\frac{1}{2}$ " I.D. Black T+C
Well .380

20" hole \rightarrow 455'

Grouted from bottom hole to top.

446 \rightarrow 805 - Cased w/ 10" through St. Peter
10" open to bottom.

SWL 234

P.L 287 @ 540 f/min.

805
246
559

ICWA GEOLOGICAL SURVEY
In Cooperation with U. S. Geological Survey
RECORD OF WELL

16033

Location: S. & E. OF HOSPITAL
SW PART OF TOWN

Town: SUMNER (NE) County BREMEN
(SW)

NW/4 NE Sec. 26, T. 93, N., R. 11 (E) Twp.
(W)

Well name and number _____

Owner SUMNER City Well (1963) Address SUMNER, IOWA

Tenant _____ Address _____

Contractor GEORGE SHAWVER Address FREDRICKSBURG, IOWA

Drillers _____

Drilling dates _____ - DEC. 10, 1963

Well data:

Altitudes: Drilling curb _____ feet; Land surface _____ feet 1075'

Determined by _____

Topographic position _____

Total depth: Reported 1240 feet; Measured 1240' feet

Drilling method CABLE TOOLS

Hole and casing data 455' OF 12" CSG. 0-455' - GROUTED TOP TO BOTTOM

59' OF 10" CSG 446'-805' (THRU ST. PETER)

Original depth to water _____ ft. ^{above} _____ _{below} _____ Date _____

Source of data _____

Sources of water: Principal _____

Others _____

PRODUCTION DATA

Date _____

Static water level 234

Pumping water level 287

Yield (g.p.m.) 540

Measuring point _____

Duration of pumping _____

Specific capacity _____

LABORATORY DATA 725-370-371-372

Well No. #1603 Sample range 100-1240 No of samples 224

No. of dupls. and cond. 223 - Poor Washed range 100 - 1240

Samples prepared by LOVETT Date 2/3/64

Logged by N. Church Date Feb/64

Correlations by N. Church Date Feb/64

