

16849

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

Location:

Town: GOODELL (NE) County HANCOCK
(SW)
SW Sec. 30, T. 94, N. 31, R. 23 (E) Twp. 10 (W)

Well name and number

Owner GOODELL TOWN WELL #2 (1969) Address GOODELL, IOWA

Tenant _____ Address _____

Contractor THORPE WELL CO. Address DES MOINES, IOWADrillers RICH OGDEN - ART LAMBERTZDrilling dates APRIL 11-26, 1969

Well data:

Altitudes: Drilling curb _____ feet; Land surface _____ feet

Determined by _____

Topographic position _____

Total depth: Reported 170 feet; Measured 150 feetDrilling method CABLE TOOLSHole and casing data 124' 4" OR 10" CSG. SET @ 123'59' 7" OR 8" CSG. 110' 5" TO 170'

Original depth to water _____ ft. above _____ below _____ Date _____

Source of data _____

Sources of water: Principal 148-170

Others _____

PRODUCTION DATA

Date _____

Static water level 53'

Pumping water level 57'

Yield (g.p.m.) 160

Measuring point _____

Duration of pumping _____

Specific capacity _____

LABORATORY DATA

16849

PLS-843

Well No. _____ Sample range 0-150 No. of samples 27

No. of dupls. and cond. 27 FAIR Washed range 120-150

Samples prepared by LOVETT Date 9/8/64

Logged by Norm Church Date Mar. 4, 1965

Correlations by Norm Church Date Mar. 4, 1965

THORPE WELL COMPANY

2340 SIXTH AVENUE
DES MOINES, IOWA

R-1-B

HANCOCK COUNTY

Drilled for _____ City _____ at _____ Goodell, Iowa _____

Well is located _____ miles N-E-S-W and _____ miles N-E-S-W from _____

in the _____ ¼ _____ ¼ Section _____ Township _____ Range _____

Drilling started _____ April 11 _____ 19 64 _____ Completed _____ April 26 _____ 19 64 _____

Well No. _____ 2 _____ Kind of Well _____ Drilled _____ Depth _____ 170 _____ Size hole started _____ 16" _____ in _____

Finish _____ 10" _____ G. P. M. _____ 160 _____ Static Head _____ 53' _____ Pumping level from surface _____ 57' _____

Water was first encountered at _____ 148 _____ in _____ limestone _____ Approx. Amt. _____ 1000 P.M. _____ Temp. _____

Remarks _____ 8" liner perforated from (148 -155) (150 - 170) _____

(GIVE DETAILS OF PERFORATED PIPE AND SEALS)

RECORD OF PERMANENT PIPE					TEMPORARY PIPE	
SIZE PIPE	AMOUNT OF PIPE	DEPTH TO BOTTOM OF PIPE	DEPTH TO TOP OF PIPE	MAKE OF PIPE	SIZE PIPE	AMOUNT
10"	124'4"	123'	Surface		16"	16'6"
8"	59' 7"	170	110'5"			

Driller _____ Rich Ogden _____ From Surface to _____ 170 _____ feet

Driller _____ Art Lambertz _____ From _____ 86 _____ feet to _____ 123 _____ feet

Driller _____ From _____ feet to _____ feet

AMOUNT IN FEET	KIND OF SOIL OR FORMATION (BE SPECIFIC)	TOTAL DEPTH FEET
1	Black dirt	1
1	Yellow clay	2
5	Fill cinders ext.	7
10	Yellow clay gravel	17
39	Gray clay 75% --sand & gravel 25%	56
20	Sand gravel--blue clay streaks	76
19	Gray clay	95
21	Cemented sand hard shale streaks	116
11	Limestone	127
6	Light green shale	133
8	Limestone shale streaks	141
7	Brown limestone	148
4	No cuttings	152
4	Brown limestone	156
4	Broken limestone green shale	160
7	Brown limestone	167
3	No Cuttings	170