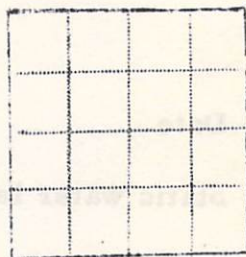


W10447

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

Location:

Town: AGENCY (NE) (SW) County WAPELLO
SE NW sec. 36 T. 72 N. R. 13 (W.) Twp



Well name and number Agency town well #5 (North)

Owner AGENCY TOWN WELL Address _____
(1958.)

Tenant _____ Address _____

Contractor THORPE WELL CO. Address DES MOINES, IOWA

Drillers _____

Drilling dates SEPT. 4-16, 1958

Well data:

Altitudes: Drilling curb _____ feet; Land surface _____ feet

Determined by _____

Topographic position _____

Total depth: Reported 350 feet, Measured _____ feet

Drilling method _____

Hole and casing data 267' OF 8" CASING FROM 1' ABOVE GROUND

Original depth to water 175' above ft. below _____ Date _____

Source of data _____

Sources of water: Principal _____

Others _____

PRODUCTION DATA

Date ACIDIZED WITH 2000 GALLONS HCL
Static water level 175
Pumping water level 310
Yield (g. p. m.) 50
Measuring point _____
Duration of pumping _____
Specific capacity _____

LABORATORY DATA

Well No. W10447 Sample range 55-350 No. of samples 45
No. of dupls. and cond. 40 Fair Washed range 225-350
Samples prepared by Thomas Date 11/7/58
Logged by NORTHUP Date 3/17/60
Correlations by " Date 3/17/60

THORPE WELL COMPANY

2340 SIXTH AVENUE
DES MOINES, IOWA

W10447

Drilled for _____ City _____ of _____ Agency, Iowa

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

in the _____ $\frac{1}{4}$ _____ $\frac{1}{4}$ Section _____ Township _____ Range _____

Drilling started _____ 9-4- _____ 19 58 Completed _____ 9-16 _____ 19 58

Well No. 5 Kind of Well Drilled Depth 350' Size hole started 15 1/2" in.

Finish 8" G. P. M. 50 Static Head 175 Pumping level from surface 310

Water was first encountered at _____ in _____ Approx. Amt. _____ Temp. _____

Remarks 8" pipe cemented in 125 sacks. Put 2000 gallons of acid in hole

(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
*8"	267	267	One foot above surface	steel	16"	49'
					12"	95'

Driller Guy Elam From Surface to _____ feet

Driller _____ From _____ feet to _____ feet

Driller _____ From _____ feet to _____ feet

AMOUNT IN FEET	KIND OF SOIL OR FORMATION (BE SPECIFIC)	TOTAL DEPTH FEET
3	Subsoil	3
37	Yellow clay	37
3	Sand	40
15	Yellow clay	55
5	Sand	60
22	Sand & gravel	82
8	Blue shale	90
30	White shale	120
15	Blue shale	135
35	Sandy blue shale	170
55	Black shale	225
42	Sandy lime	267
33	Lime	300
50	Sandy lime	350