

WELL RECORD

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

Comanche in Clinton,
(Nearest Town) (County)

in the _____ $\frac{1}{4}$ _____ $\frac{1}{4}$ Sec. _____ T. _____ R. _____

Owner City of Comanche Well No. 5

Postoffice address _____

Contractor Layne Weston Co.

Address Ames, Iowa

Driller G. McIntosh, M. Evans

Well begun 12/16/86, 1986;

completed May 22, 1986

Rig used—Cable, Rotary, Jet, or Rotary

Depth of well 1290'
(Feet)

Size of hole (note total amount of each size) 342' of 24";
31' of 19"; 494' of 16 $\frac{3}{4}$ "; 423' of 11"

Main water supply at 1185' to 1250'
(Feet below surface)

Final water head 205' below
(Feet above or below surface)

Is well pumped? yes

Yield 300
(Gallons per minute)

Water level when pumping 335'

Position of well river valley
(Upland, valley, side hill, etc.)

NOTE: Water levels should be recorded at time of change AND at regular intervals; for example each morning before drilling starts or at the end of each 100 feet of drilling.

Size Pipe	Amount of Pipe	Depth to Bottom of Pipe	Depth to Top of Pipe	Type* and Weight of Pipe	DIAGRAM OF WELL
20"	342'	342'	0	steel 1/4" wall	
18"	373'	373'	0	steel .375 wall	
12"	867'	867'	0	steel .375 wall	
					11" open hole

Is screen used? no Diameter (Inches)

Length_____ Depth to bottom_____
(Feet)

Depth to top----- Slot size-----

Are packers or seals used? no-----

Kind _____

Where used_____

Kind of pump----- Dia.-----
(Inches)

Capacity of pump-----
(g.p.m.)

Power used _____
(Kind and amount)

Depth to bottom of pump line-----feet,
including-----feet tailpiece.

Remarks on construction of well-----

SAMPLE NO.	DEPTH		THICKNESS
	From	To	
	0	2	2'
	2	12	10'
	12	78	66'
	78	110	32'
	110	130	20'
	130	170	40'
	170	174	4'
	174	326	152'
	326	328	2'
	328	332	4'
	332	336	4'
	336	351	15'
	351	358	7'
	358'	412'	54'
	412'	639	227'
	639	656	17'
	656	694	38'

DESCRIPTION OF BEDS
KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.
black sandy topsoil
med. blow sand
med. to coarse gravel
fine to med. sand
med. coarse gravel
fine sand
reddish brown clay, sandy
fine sand
broken limestone
blue shale
brown limestone
blue shale
hard gray limestone
gray shaley limestone
light brown limestone w/ streaks of chert
brown limestone w/ streaks of shale
brown limestone

SAMPLE NO.	DEPTH		THICKNESS
	From	To	
	694	696	2'
	696	703	7'
	703	717	14'
	717	760	43'
	760	817	57'
	817	874	59'
	874	970	96'
	970	975	5'
	975	989	14'
	989	1018	29'
	1018	1035	17'
	1035	1055	20'
	1055	1085	30'
	1085	1160	75'
	1160	1185	25'
	1185	1210	25'
	1210	1250	40'

DESCRIPTION OF BEDS
KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.
gray limestone
gray limestone
gray to brown limestone
light brown limestone
sandstone w/ streaks of limestone & shale
light brown limestone w/ chert streaks
gray dolomite
gray dolomite w/ reddish traces
gray to blue dolomite
gray dolomite; much softer
gray to blue dolomite, soft
gray to white dolomite, soft
gray to brown dolomite, soft
gray dolomite, soft
dolomite, white to gray w/ chert & sandstone
white sandstone w/ streaks of dolomite
white sandstone

