#26577

Shawver WELL COMPANY, INC.
WATER WELL DRILLING AND REPAIRING

P.O. BOX 266 DIAL 319-237-5341 FREDERICKSBURG, IOWA 50630

City of Orchard
Log of well drilled November, 1981 #26577

LOG OF WELL

0'	to	1½'	Topsoil
1½'	to	5'	Limerock
5'	to	15'	Brown clay and limerock
15'	to	110'	Brown and gray rock
110'	to	115'	Dark gray and brown limerock
115'	to	120'	Gray limerock
120'	to	140'	Gray limerock and shale
140'	to	160'	Buff limerock
160'	to	170'	Brown and gray limerock
170'	to	180'	Gray limerock
180'	to	205'	Gray and brown creviced limerock
205'	to	215'	Gray rock and shale
215'	to	220'	Brown and gray limerock
220'	to	225'	Brown limerock
225'	to	230'	Brown limerock and blue shale
230'	to	240'	Blue shale
240'	to	245'	Dark brown limerock and shale
245'	to	250'	Buff and brown limerock
250'	to	255'	Brown limerock
255'	to	260'	Gray limerock

412 gallons per minute were pumped at the rate of 2 hours with a drawdown of 21'.

510 gallons per minute were pumped at the rate of 1 hour with a drawdown of 4'1".

614 gallons per minute were pumped at the rate of ½ hour with a drawdown of 5'4".

305 gallons per minute were pumped at the rate of 45 minutes with a drawdown of 2'2½".

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CITY OF ORCHARD
August, 1982

Mitchell, West Lincoln, Sec. 18 NE¼ NE¼
Well was drilled deeper in Aug., 1982.
LOG OF WELL

260'	to	265'	White and brown limerock
265'	to	303'	Brown limerock
303'	to	315'	Grey limerock
315'	to	325'	White and grey limerock
325'	to	400'	Grey brown limerock

The well is cased to 155' with 10" casing. The well is then cased to 10' to 260' with 8" casing. A 16" hole was drilled to 155' and cement grout was installed between the 16" hole and the 10" casing. A 10" hole was drilled to 260' and cement grout installed between the 8" casing and the 10" hole.
The static water level is approx. 6'.
The recommended pump setting is 380'.
Sw water finds at approx. 120' @ 42 gpm.

HENRY AND CHARLIE