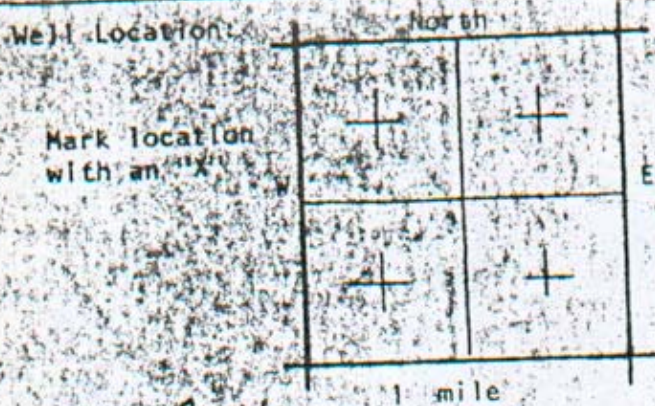


WELL DRILLERS REPORT

SOUTH DAKOTA WATER RIGHTS COMMISSION

4-78

Well Owner: A. H. JARVI
 Name Address Box 266 Belle Fourche



County Battle
 NW 1/4 SE 1/4 Sec. 10 Twp. 8N Rg. 2E

Proposed Use: ☒ Domestic ☐ Municipal ☐ Test Holes
☐ Irrigation ☐ Industrial ☐ Stock

Method of Drilling: ☒ Forward Rotary ☐ Bored ☐ Jetted
☐ Reverse Rotary ☐ Cable ☐ Other

Well Construction:

Diameter of Hole 6"
 Depth 500
 Casing ☒ Steel ☐ Concrete
☒ Plastic ☐ Other
 If other, specify _____

Was casing end left open YES
 Was a well screen installed NO
 Describe Well Screen _____

Diameter _____ Material _____
 Slot size _____
 Was well gravel packed NO
 Was well grouted YES
 Was water sample taken YES

Remarks: 20' of 6" st
coated in

400' of 4" st
grouted in to seal

Water Level Information:

Static water level _____ below land surface
 If flowing: closed in pressure NA PSI
 rate of flow 6 GPM

Controlled by: ☒ Valve ☐ Reducers ☐ Other

If other; specify A well seal to be installed with pump.

Well Test Data:

☒ Pumped
☒ Bailed
☐ Other

Describe: used 1 1/2 hp pump @ 60'

Pumping Level Below Land Surface

50 ft. After 1 Hrs. pumped 20 GPM
50 " " 1 " " 10 "

Well Log:

Formation	Depth	
	From	To
<u>Top Soil</u>	<u>0</u>	<u>10</u>
<u>Shale</u>	<u>10</u>	<u>420</u>
<u>Sand Tan & Brown f.p.</u>	<u>420</u>	<u>460</u>
<u>Tight</u>		
<u>Gd. H. W. Ben</u>	<u>460</u>	<u>480</u>
<u>Sand fracture</u>		
<u>Dr. B.P. Sand</u>	<u>480</u>	<u>500</u>
<u>Very fine (Held)</u>		

(Use Back if Necessary)

Date Completed: 3-15-82

Driller: Forward Drilling Co. 412
 Driller's or Firm's Name License #
2203 Lincoln St. S.D.
 Address
112 1/2 ft. W. 47
 Phone #