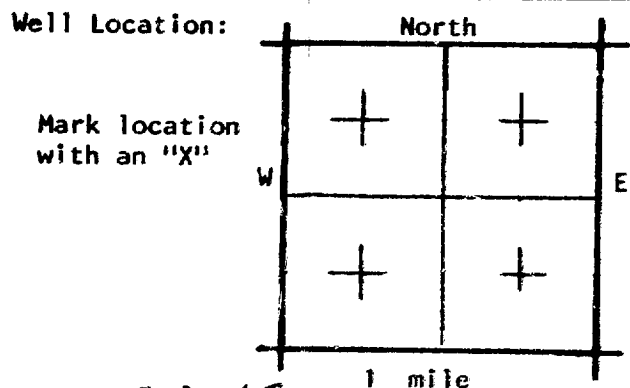


WELL DRILLERS REPORT
SOUTH DAKOTA WATER RIGHTS COMMISSION

4-78

Well Owner:
Name Orlyn Neilson
Address Frankfort S.Dak



County Spink
1/4 SW 1/4 Sec. 33 Twp. 11S Rg. 6E

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 32"
Depth 67
Casing ☐ Steel ☐ Concrete
☐ Plastic ☐ Other
If other, specify Fiberglass

Was casing end left open NO
Was a well screen installed YES
Describe Well Screen
Diameter 16 Material Fiberglass
Slot size 50 slot
Was well gravel packed YES
Was well grouted NO
Was water sample taken NO

Remarks:

Water Level Information:
Static water level 12 ft below land surface
If flowing: closed in pressure PSI
rate of flow GPM
Controlled by:
☐ Valve ☐ Reducers ☐ Other
If other; specify

Well Test Data:

☒ Pumped
☐ Bailed Describe:
☐ Other

Pumping Level Below Land Surface
30 ft. After Hrs. pumped 250 GPM
35 " " " " 285 "
38 ft " " 8 hrs " " 250 "

Well Log:

Formation	Depth	
	From	To
<u>Top Soil</u>	<u>0</u>	<u>2</u>
<u>Clay</u>	<u>2</u>	<u>18</u>
<u>Sand & Coal</u>	<u>18</u>	<u>35</u>
<u>Med. Sand</u>	<u>35</u>	<u>57</u>
<u>Coal</u>	<u>57</u>	<u>58</u>
<u>Small Coal</u>	<u>58</u>	<u>59</u>
<u>Coal</u>	<u>59</u>	<u>63</u>
<u>Small Coal</u>	<u>63</u>	<u>64</u>
<u>Coal</u>	<u>64</u>	<u>65</u>
<u>Clay</u>	<u>65</u>	<u>67</u>

(Use Back if Necessary)

Date Completed: 3/14/8

Driller: Empire Drilling 251
Driller's or Firm's Name License NO.
Frankfort S.Dak
Address

W. R. Wigg 6/24/80
Signed By Date