



Layne-Western Company, Inc.

WATER SUPPLY CONTRACTORS

705 SO. DUFF AVE.

Phone 515 232-3563

AMES, IOWA 50010

#27635

Name of Job _____ City of Manly _____ Date 11/26/85
 City _____ Manly _____ State Iowa _____
 Well No: 4 Drillers: Dean Heldt
 Well Location: 1700 ft. (E) and 1300 ft. (N) of the SW corner of
 the SE 1/4 of Section 21, Twp. 98 (N), Range 20 (W) Worth County.
 Otherwise located as Staked by Engineer

Work Began: 10/21/85 Work Completed: 11/26/85

Casing Record:

Amount	Dia.	Wt. or Thickness	Material
100'	16"	.375	Steel with P.E. joints from 0 to 100'
_____	_____	_____	with _____ joints from _____ to _____
_____	_____	_____	with _____ joints from _____ to _____
_____	_____	_____	with _____ joints from _____ to _____

Hole Record:

26	inch from	0'	to	14'
22	inch from	14'	to	108'
12 1/4	inch from	108'	to	343'
_____	inch from	_____	to	_____
_____	inch from	_____	to	bottom of hole

Cementing Record: Cemented through float shoe with 115 bags of neat cement

Well Test Data: Static Level 30' ; pumping level 76' after 24 hours pumping at 357 g.p.m.

Length of test 24 hrs. See Well Test Data Sheet Dated 11/21/85

Remarks: _____

SEE OTHER SIDE

WELL LOG

[illegible]