Well Information - Rock Wells #27754

Layne-Western Company, Inc.

WATER SUPPLY CONTRACTORS

705 SO. DUFF AVE. AMES, IOWA 50010

Phone 515 232-3563

Name of Job _____ Date 08/86

City Ackley State Iowa

Well No: 6 Drillers: P. Harris, M. Evans, G. McIntosh

Well Location: _____ ft. (____) and _____ ft. (____) of the _____ corner of

the ____ ¼ of Section _____, Twp. _____ (____), Range _____ (____) _____ County.

Otherwise located as south of water plant

Work Began: 05/15/86 Work Completed: 08/06/86

Casing Record:

Amount	Dia.	Wt. or Thickness	Material					
72	22	0.375	steel	with	weld	joints from	72	to 0
557	16	0.375	steel	with	weld	joints from	551	to +6
899	12	0.375	steel	with	weld	joints from	1451	to 552
1	12x16	0.37	steel	with	weld	joints from	552	to 551

Hole Record:

26	inch from	0	to	72
20	inch from	72	to	570
17 1/2	inch from	570	to	1465
11	inch from	1465	to	1965
	inch from		to	bottom of hole

Cementing Record: 1,841 bags, pressure grouted through tubing and shoe

Well Test Data: Static Level 266 ; pumping level 338 after 12 hours pumping at 807 g.p.m.

Length of test 12 hrs. See Well Test Data Sheet Dated 08/04/86

Remarks: well was developed by airlifting approximately 15 1/2 hours

SEE OTHER SIDE

LW-31

WELL LOG

#27754

Feet		Feet	Description
0	to	2	Topsoil
2	to	52	Clay
52	to	54	Broken limestone
54	to	90	Brown weathered limestone
90	to	115	Brown white limestone
115	to	125	Brown white limestone w/gray shale
125	to	275	Brown gray dolomite - gray shale
275	to	405	Gray limestone - traces of shale
405	to	525	Brown gray limestone - traces green shale
525	to	660	Brown gray limestone and dolomite
660	to	680	Light brown limestone and dolomite
680	to	915	Gray white dolomite, chert and streaks of shale
915	to	970	Gray shaley dolomite
970	to	1305	Brown, gray dolomite, chert and trace of shale
1305	to	1370	White gray dolomite - blue gray shale
1370	to	1415	Sandstone
1415	to	1505	Brown gray dolomite, trace blue shale
1505	to	1590	Gray dolomite
1590	to	1665	Gray dolomite and sandstone
1665	to	1735	Gray dolomite and pyrite
1735	to	1850	Brown buff gray dolomite
1850	to	1917	White sandstone, streaks of gray dolomite
1917	to	1965	Gray dolomite

Very loose sandstone layers 1590 - 1665