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PAGE 02

WELL INSTALLATION REPORT**LAYNE-WESTERN**

1. CONTRACT WITH: City of Ames DATE: 3/22/98
 2. CITY AND STATE: Ames, Iowa DRILLER: Dennis Buchanan
 3. WELL NO: 14A AT TEST HOLE NUMBER 96-1 WELL LOCATION: At 615 - 7th Street
 in the parking area on the north side of the street.
 4. WORK COMPLETED: 3/22/98 TOTAL MAN HOURS CHARGED TO JOB:

5. MATERIAL:	LENGTH	DIA.	GAUGE OR THICKNESS	MATERIAL	TYPE	SLOT SIZE
6. SCREEN:	30'	16"	Std.	SST.	W.W.	0.080"
7. INNER CASING:	88'	16"	0.375"	Steel	A-53 B	
8. OUTER CASING:						

9. 16 TONS OF GRAVEL PACK USED IN THE WELL. SIZE: Northern #3 Well Pack
 10. TEST OF WELL: TEST PUMP OR PERMANENT PUMP: Test 8TH BOWL SIZE 2 STAGES
 11. SIZE OF ORIFICE: 6" x 5" ORIFICE TUBE READING:

12. PUMPING TEST - MEASUREMENTS FROM GROUND LEVEL:

TIME	GPM	STATIC	DRAWDOWN	PUMPING LEVEL
See enclosed pumping test results				

13. RECOVERY IN 5 MINUTES: IN 30 MINUTES:
 14. DID YOU SEAL BOTTOM OF WELL Yes THICKNESS: 0.375" MATERIAL: SST.
 15. WELL UNDERREAMED? No FROM TO FROM TO
 16. IF ALL SCREEN WAS NOT PLACED AT BOTTOM, STATE HOW IT WAS PLACED?
 FROM TO; FROM TO; FROM TO
 17. DEPTH OF WELL FROM GROUND LEVEL 124 SIZE OF DRILL HOLE: 30"
 18. WAS CEMENT PLACED AROUND OR BETWEEN ANY OF THE CASINGS? Yes
 19. IF SO, STATE INTERVALS, QUANTITY, AND METHOD USED: From 6' to 22' below grade, 4 cyd, placed with tremie pipe.



WELL INSTALLATION REPORT (PAGE 2)

LAZYNE-WESTERN

CONTRACT WITH: City of Ames, Iowa

WELL NO: 14A

LOG OF WELL FROM GROUND LEVEL:

[illegible]