35276

Contract No. _____

Layne-Western Company, Inc.

WATER SUPPLY SERVICES

WATER WELLS • LAYNE PUMPS • TEST DRILLING • WATER TREATMENT EQUIPMENT

WELL & PUMP INSPECTION REPORT

OWNER City of Albion

CITY Albion, Iowa 5005

WELL NO. 2 LOCATION Southeast of town

DIA. 12 DEPTH 24' SCREEN I.D. _____ TYPE _____ LENGTH _____ DEPTH TO TOP _____

DATE DRILLED 1968 DATES OF CLEANING _____

DATE INSPECTED 7/88 PERSON TO CONTACT _____

CONTACT LOCATION _____

CAPACITY	DATE	STATIC	GPM	PUMPING LEVEL	PRESSURE	SPECIFIC CAPACITY
ORIGINAL						
AFTER LAST INSPECTION						
PRESENT	7/88	15.5	128	19		36.5

TEST WILL BE COMPLETE THROUGH:

AIRLINE LENGTH 21.5 ORIFICE _____ METER X METRA-FLEX METER _____

TOTAL PUMP SETTING 21.5 MOTOR H.P. 10 PHASE 3 CYCLE 60 VOLTS 240

PUMP MFG. REDA SER. NO. _____

RATED CAPACITY: _____ GPM; _____ TDH; OPERATING PRESSURE _____

DATE INSTALLED 04/13/77 DATES OF OVERHAUL _____

IS CHECK VALVE LEAKING? ☐YES ☐NO DOES STUFFING BOX HAVE SPRING? ☐YES ☐NO SIZE OF PACKING _____

THE FOLLOWING IS TO BE PERFORMED DURING EACH INSPECTION:

CHANGE MOTOR OIL & GREASE _____ REPACK PUMP _____ GREASE PUMP _____
(Place check mark when completed)

PUMP IS PRESENTLY DEVELOPING: 128 GPM; _____ TDH; SHUT-OFF HEAD _____ FT.

ELECTRICAL DATA WITH PUMP IN OPERATION: _____ AMPS; _____ VOLTS; _____ PHASE
PUMP RUNS _____ HRS. PER DAY UNDER NORMAL CONDITIONS
REMARKS (Note any abnormal condition) _____

LW-343 12/85

INSPECTED BY _____

SUBMERSIBLE

PUMP INSTALLATION REPORT

Layne-Western Company

JOB NAME: City of Albion
Address: 107 South Main Street, P.O. Box 219
City,State: Albion, Iowa 50005-0219

DATE: 3-1-96 Job Completion

PUMP NO: 9549 (New) Repair
Pump Trouble: Old pump and motor failed.

PUMP SIZE	DIAMETER	LENGTHS
Discharge	3" (Above / Below)	
Column	3" (Screw / Flange)	1 x 5.5' x
Pitless Unit	8" x 10"	

Column setting to bowl: 5.5 ft.

BOWL:
Manufacturer: Grundfos
Diameter: 6" Shaft Diameter: 1"
Type: 135S100 No. Stages: 6
Bowl Length: 34-1/2" Bowl Material: Stainless
Check valve in column: (Yes) / No Size: 3"
Submersible cable size: #6
Special paint, coatings, zinc sleeves, etc:

MOTOR OR GEAR DRIVE:
Make: Franklin HP: 10
Speed: 3450 rpm Volts: 230
Diameter: 6" Length: 25-1/2"
Serial # 21-0019
Amperes: 28.4 Volts: 230
Megger Check:

	On Ground			Installed In Well		
Motor leads	∞	∞	∞	∞	∞	∞
Cable leads	∞	∞	∞	∞	∞	∞

WELL:
No: #2 Year Drilled: 1968
Location: Southwest of town, south of HWY 330
Diameter: 8" Depth: 28'
Measured from top of 10 " diameter casing which is 10 feet above ground

Tape to water: 15'
Airline length: 25' A.L. Material: ¼" PVC

Static Gauge: Static Level:
Pumping Gauge: Pumping Level:
Disch. Pressure: psi when pumping into system at gpm.

INSTALLER: Jim Kneifl
Rig Used: 10T92 Pump Rig

PUMP REPAIR

CONDITION OF PUMP WHEN PULLED	NEW PARTS INSTALLED
Column: Bad	Column: 1 - 3" x 5' 6" galvanized drop pipe 1 - 3"M x 3"F bronze check valve
Bowl: Bad	Bowl: Grundfos, 135S100, 6 stage bowl assembly
Motor: Bad	Motor: Franklin, 10 HP, 230 volt, 3 phase motor 20' - #6 submersible pump cable
Pitless:	Pitless: 2 - pitless unit "o" rings
MACHINE WORK:	1. DRAIN PORTS OPEN — Yes (No) 2. CHLORINATE WELL — (Yes) No 3. ALIGN PUMP HEAD WITH DIAL INDICATOR — Yes (No) 4. GROUTED HEAD-BASE PLATE — Yes (No) 5. PUMP RUNS — (Good) / Fair / Bad