



SOUTHERN
SALES COMPANY, INC.

P.O. Box 40384
2929 Kraft Drive
Nashville, TN 37204

(615) 254-0066 w
(615) 254-0791 fax

Start-up Report

SSC Job #		Date:	10-30-06
Project Name	HARDEES' Pump Station	Eqpt. Mfr.	CORNING PUMP
Project Address1		Description	GRAVITY SECTION
Project Address2		Station #	
Project City, ST	HARRIMAN, TN.	Model # (s)	T4A35-B/F
Site Phone#		Serial #(s)	1335691N-1335692N
Site Fax#		Design GPM	625
Contact Person	JERRY SHAW - RICK MEDLEY	Design TDH	86' (92)
Contractor:	W+D CONSTRUCTION	Pump Type	SUPER T-4

Pump Data:

	Pump 1	Pump 2	Pump 3
Static Suction Head (ft)	+2	+2	
Static Discharge Head (ft)	∅	∅	
Operating RPM	(1907) 1924	1928	
Pump Sheave Size	5V08500026R		
Motor Shaft Size	1 7/8 x 1/2		
Motor Sheave Size	5V09250026R		
Belt Size	5VX730	5VX730	
Quantity of Belts	2	2	
Operating Discharge Head (ft)	94	94	
Operating Suction Head (ft)	-1	-2	
Less Adjustment Gauge Height (ft)	∅	∅	
Total Dynamic Head (ft)	95	96	
Shut-off Discharge Head (ft)	120	122	

Pump BUSINESS
Motor BUSINESS

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24131-571 (SK)
24131-576 (SK)

Electrical Data:

	Pump 1	Pump 2	Pump 3	Pump #1	Pump #2
WEG. Motors:	28SET05 (MODEL) 03018 ET 3E 286T (BT46822) (BT46822)				
HP	30				
Voltage/Ø/Cycle	480/3/60				
RPM	1765				
Frame Size	286T				
Type	ET				
S.F.	1.00 1.25	1.25			
Full Load Amps	35.1				
Other	CODE: H ENCL: TEFC-WP				
Controls:	U.S. FILTER SERIAL #		504370	LC2000	
Starter Size	SIZE 1 (SS) SOFT START				
Breaker Size	100 AMP 100 AMP.				
Overload/Heater Size	#2015B (ELECTRIC) ELECTRIC SET @ 3A				
Other	SOFT STARTS = S752L50N3S				
Voltage:	OFF	ON	OFF	ON	OFF ON
L1 to L2	484	484	484	484	
L2 to L3	486	486	486	485	
L1 to L3	487	485	486	485	
L1 to ground	280	280	280	280	
L2 to ground	282	281	282	281	
L3 to ground	281	280	281	281	
Amperage:					
L1	31 31	31 30			
L2	31 32	31 31			
L3	32 33	32 32			

Automatic Level Control & Alarm Settings

	Low Alarm	Lead Pump	Lag 1 Pump	Lag 2 Pump	Hi Alarm
On	1.5	4.5			5.6
Off		2.0			

General Notes:

- HAD PROBLEMS W/ CUTLER HAMMER GROUND FAULT RELAY.
Pump #2 GROUND FAULT RELAY IS BAD WILL HAVE
TO ORDER NEW RELAY + INSTALL.

Owner: _____

Date: _____

Engineer: Allen Moore

Date: 10/30/06

Contractor: Rick Medley

Date: 10-30-06

Service Technician: Russ Wilson

Date: 10-30-06



**“Water and Wastewater Pumps, Valves and
Treatment Equipment Since 1923”**