

WEISINGER
INCORPORATED

PO Box 909 • Willis, TX 77378
936-756-7721 • 936-756-7723 fax
www.weisingerinc.com

January 12, 2023

City of Crockett
200 N. Fifth St.
Crockett, TX 75835

Attn: Mr. Steven C. Caudles
caudles@crocketttxas.org

Ref: Water Well No. 01 Motor

Mr. Caudles:

As you requested, we are pleased to provide the following quotation which is in accordance with our understanding of your requirements.

Scope of Services

- Removal of 125 HP motor and installation of customer's repaired motor utilizing the existing motor drive shaft **\$2,700.00**

Repair Existing Motor **\$11,952.00**

- Rewind the 125 HP Motor to include:
 - Dissassemble, clean and test
 - Clean all parts
 - Rewind stator
 - Sandblast all parts
 - Steam clean, dip and bake stator
 - Varnish treat windings
 - Lathe check rotor
 - Dynamic balance rotor
 - Install new bearings
 - Assemble motor, test run on full voltage
 - Paint motor

Total of Scope of Services \$14,652.00

Thank you for the opportunity to offer you our services as we await your response.

Sincerely,



Francisco Ochoa
Weisinger Incorporated

January 13, 2023

City of Crockett
200 N. Fifth St.
Crockett, TX 75835

Attn: Mr. Steven C. Caudles
caudles@crocketttexas.org

Ref: Water Well No. 01 – College Hill

Mr. Caudles:

As you requested, we are pleased to provide the following quotation which is in accordance with our understanding of your requirements.

Scope of Services

- Mobilize service rig and crew to pull existing pumping equipment
- Remove the pumping equipment from the well under normal removal procedures
- Haul original pumping equipment to our facility, perform disassembly, inspection, and present a report of our findings
- Perform a TV survey and present a report of findings

Total for Scope of Services outlined \$8,500.00

Thank you for the opportunity to offer you our services as we await your response.

Sincerely,



Francisco Ochoa
Weisinger Incorporated

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April 20, 2023

City of Crockett
200 N. Fifth St.
Crockett, TX 75835

Attn: Mr. Steven C. Caudles
caudles@crocketttxas.org

Ref: *Water Well No. 01 Motor*

As you requested, we have removed the pumping equipment, performed an inspection of the pumping equipment, and completed a TV Survey of the well. Listed below are our findings.

A TV Survey was performed on 04/19/2023 to investigate the conditions of the well after removing the pumping equipment. The static water level was 208' and the total depth viewed was 1023' which we believe is where the top of the 8" lap pipe is covered by debris that the camera could not penetrate. This debris will need to be cleared before permanent pumping equipment is installed and operated. . Our recommendation at this time is to attempt to push through the obstruction with work pipe, jet the fill/debris, and resurvey the well. Please consider the following:

Recommended Scope of Services to Clear Top of Lap Pipe

- Install work pipe and airline and attempt to clear material blocking the top of the lap by jetting and/or pushing through the obstruction.
- Lower the work pipe to the bottom of the well and jet any accumulated debris from the bottom of the well under normal removal procedures..
- Re-televis the well after clearing the top of the lap and make a report of findings

Total of Services Outlined Above\$27,480.00



Thank you for the opportunity to offer you our services as we await your response.

Sincerely,

Charlie McCulloch
Weisinger Incorporated

April 28, 2023

City of Crockett
200 N. Fifth St.
Crockett, TX 75835

Attn: Mr. Steven C. Caudles
caudles@crocketttxas.org

Ref: Water Well No. 01

We have completed the tear down and inspection of the existing equipment. Listed below are our findings and recommendations.

Inspections of the pumping equipment found that the porcelain enamel lining on the interior of the pump has begun to deteriorate causing metal loss on the vanes and impeller seats of the intermediate bowls. All of the bowl bearings and their respective pump shaft surfaces are worn above acceptable tolerances. All 400' of 8" column pipes and 2" oil tubes contain heavy rust pits on their ID/OD surfaces along with pitting and gauling in their sealing faces. All of the 1 1/4" line shafts are black and rusty and the line shaft bearings contain over tolerance wear.

Scope of Services

- New 750 GPM @ 460' TDH enclosed line shaft bowl assembly
- 400 ft of New 8" x 2" x 1 1/4" w/ 8" suction pipe and stainless steel strainer
- New 1 1/4" motor drive shaft complete with head shaft nut and gib key
- New lubrication kit for the existing oil reservoir
- New 1 1/4" x 2" tension bearing with O-rings
- 410 ft of New 1/4" stainless steel airline complete with a water level detector kit
- Steam clean, prime and paint the existing discharge head and its appurtenances
- Miscellaneous items to make well operational
- Shop labor to assemble and prepare new equipment for shipment
- Haul pumping equipment to the well site
- Service rig and crew to install pumping equipment in the well
- Service Technician to start-up, test the well, and collect bacteriological samples

Total of Scope of Services Listed Above \$104,180.00

Thank you for the opportunity to offer you our services as we await your response.

Sincerely,



Charlie McCulloch
Weisinger Incorporated

**PUMP INSPECTION REPORT
OIL LUBRICATED**

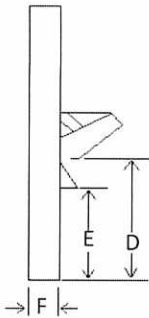
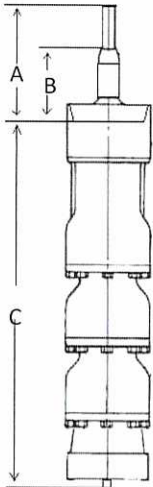
Customer:	City of Crockett	Date:	4/14/2023
Pump #	Well No. 1	Job #:	3289

MOTOR DATA

Manufacturer:	US	Serial #:	DO4-01055038	Horsepower:	125
Frame:	405TP	Volts:	460	RPM:	1,775

PUMP DATA

Manufacturer:	American Turbine	Serial #:	14021 H	Model:	12M70
Design Point:	750	g.p.m. @	459	ft. TDH	# of Stages: 7
Column Size:	8"	Shaft (in.)	1 1/4"	Setting (ft):	400'
Projection:	NA	Tube size:	2"	Lateral (in):	NA



Bowl shaft size (in):		Good:	Bad:	X	
Tube adapter bearing:		Good:	Bad:	X	
Lip seal size:		Good:	Bad:	X	
Bowl bearing size:		Good:	Bad:	X	
Throttle Bearing		Good:	Bad:	X	
Suction case bearing:		Good:	Bad:	X	
Wear rings:	NA	Good:	Bad:		
Impeller type:	Closed Bronze	Good:	X	Bad:	
Impeller trim:	5 @ 8.600 Top 9.300 Bottom / 2 @ 8.300 Top 9.00 Bottom				
Collet type:	S.S. Tapper	Good:	X	Bad:	
Intermediate bowls:		Good:		Bad: X	
Discharge case:		Good:	X	Bad:	
Suction case:		Good:	X	Bad:	
Column adapter (bowl):		Good:	X	Bad:	
Suction coupling/adapter:	NA	Good:		Bad:	
Intermediate bowl bolting:		Good:		Bad: X	
Discharge case bolting:		Good:		Bad: X	
Sand collar:	Bronze	Good:	X	Bad:	
Bowl shaft coupling:		Good:		Bad: X	
Oil reservoir size:	5 Gallon S.S. Fab Round	Good:	X	Bad:	
Mounting bracket assembly		Good:	X	Bad:	
Solenoid valve:		Good:		Bad: X	
Site feed valve:		Good:		Bad: X	
Oil line w/ fittings:		Good:		Bad: X	
PVC:		Size:	NA	Good:	Bad:

**PUMP INSPECTION REPORT
OIL LUBRICATED**

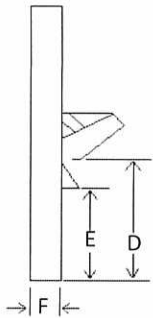
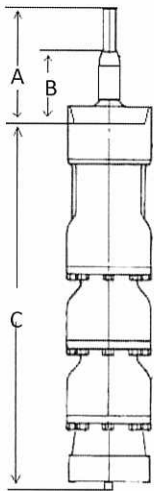
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Projection:	NA	Tube size:	2"	Lateral (in):	NA



Bowl shaft size (in):		Good:	Bad:	X	
Tube adapter bearing:		Good:	Bad:	X	
Lip seal size:		Good:	Bad:	X	
Bowl bearing size:		Good:	Bad:	X	
Throttle Bearing		Good:	Bad:	X	
Suction case bearing:		Good:	Bad:	X	
Wear rings:	NA	Good:	Bad:		
Impeller type:	Closed Bronze	Good:	X	Bad:	
Impeller trim:	5 @ 8.600 Top 9.300 Bottom / 2 @ 8.300 Top 9.00 Bottom				
Collet type:	S.S. Tapper	Good:	X	Bad:	
Intermediate bowls:		Good:		Bad: X	
Discharge case:		Good:	X	Bad:	
Suction case:		Good:	X	Bad:	
Column adapter (bowl):		Good:	X	Bad:	
Suction coupling/adapter:	NA	Good:		Bad:	
Intermediate bowl bolting:		Good:		Bad: X	
Discharge case bolting:		Good:		Bad: X	
Sand collar:	Bronze	Good:	X	Bad:	
Bowl shaft coupling:		Good:		Bad: X	
Oil reservoir size:	5 Gallon S.S. Fab Round	Good:	X	Bad:	
Mounting bracket assembly		Good:	X	Bad:	
Solenoid valve:		Good:		Bad: X	
Site feed valve:		Good:		Bad: X	
Oil line w/ fittings:		Good:		Bad: X	
PVC:		Size:	NA	Good:	Bad: