DECEMBER 12, 2008

IDAHO DEPARTMENT OF WATER RESOURCES
ATTN: CINDY YENTER

DEAR MS YENTER:

I, Max Auker, installed the pump and motor on well permit # 37-08705 in 1989-90. The company I worked for at the time was Silver Creek Irrigation, they went out of business in approximately 1997. I am stating that this pump was set up to pump 7 cfs in 1989-90. The attached sheet shows the curve.

Sincerely,

Max Auker

37-8705

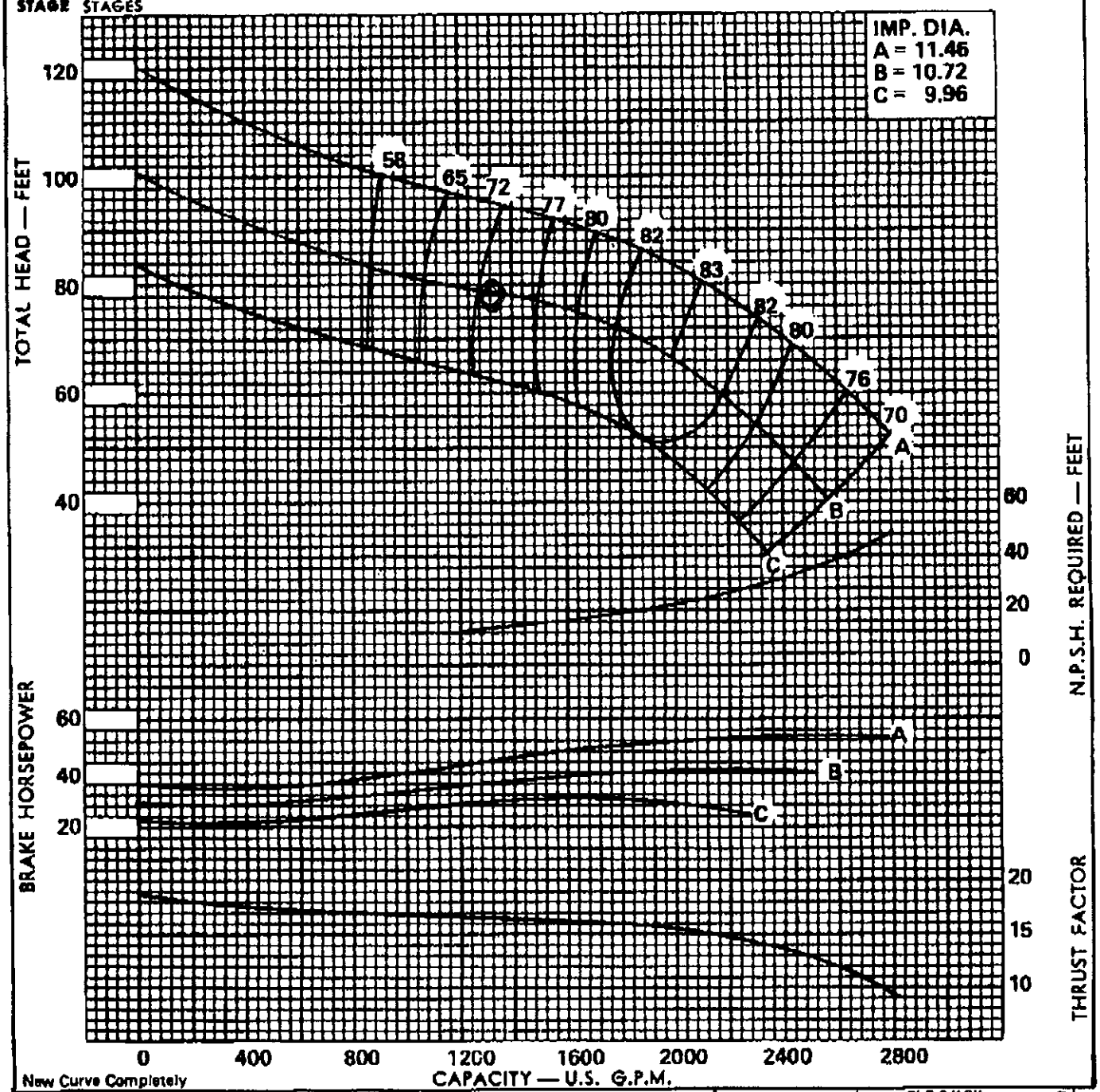
Oxnard 300 HP

CURVE NO. 18-146 9-1-78	No. Stages	Eff. Change	MATERIAL	Eff. Change
	1	−2	IMP.—C.I.	−1
	2	0	IMP.—NI-RI	−2
	3		BOWL—BRZ.	−1
	4		BOWL—NI-R.	−1

14 TLC **1770** R.P.M.

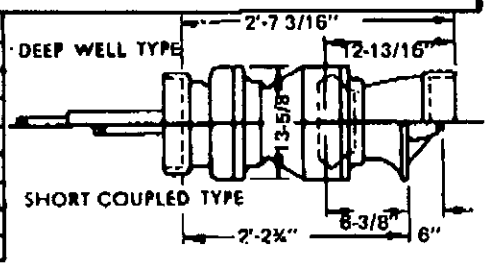
SINGLE STAGE LAB PERFORMANCE WITH STANDARD MATERIALS. EFFICIENCY SHOWN FOR 2 OR MORE STAGES. HORSE POWER SHOWN FOR ONE STAGE BASED ON 2 STAGE EFFICIENCY. CORRECTIONS SHOULD BE MADE FOR STAGES AND MATERIAL.

ONE (6) STAGE STAGES



New Curve Completely

EYE AREA — SQ. IN.	=	34.26	IMPELLER WT.-LBS.	=	32.1
WR^2 PER IMPELLER	=	2.72 LB.-FT^2	ONE STAGE WT.-LBS.	=	435
MAX. SPHERE SIZE	=	1.25 in.	ADD'L STAGE WT.-LBS.	=	164
MAX. NO. STD. STAGES	=	7	IMPELLER NUMBER	=	7T13
MAX. OPERATING P.S.I.	=	390	DISCH. SIZES	=	10.12
STD. LATERAL	=	0.78 in.	SUCTION SIZES	=	10
STD. SHAFT DIA.	=	1.937 in.	MAX. LATERAL	=	1.26 in.
MAX. SHAFT DIA.	=	2.187 in.	BOWL CONN.		FLANGED—COLLETS
MIN. SUBMERGENCE	=	36 in.	ADD 13 " PER ADDITIONAL STAGE.		



LAYNE PUMPS, Inc.

P.O. Box 640
Twin Falls, Idaho 83303-0640
Telephone (208) 733-3284

INVOICE NO. 5089
S.O. NO. LP-93218
INVOICE DATE 06/02/93

INVOICE

SOLD TO: HUBERT SHAW
411 SOUTH 750 EAST
DIETRICH, ID 83332

SHIP TO: FOR: 300 HP LAYNE DEEP WELL

CUSTOMER NO. ☐ Tax Exempt Resale No.

DATE OF ORDER	ACCOUNT NO.	TERMS NET 10TH OF MONTH	1½ % Interest Charge After 30 Days	SHIP VIA	DATE
	359				

QUAN.	SIZE OR SYMBOL	DESCRIPTION	UNIT PRICE	AMOUNT
1	TBG193	TENSION BEARING		290.00
3	1-15/16X3X20'	TUBE & SHAFT ASSY	498.00	1494.00
2	1-15/16X3	LINE SHAFT BEARING	29.00	58.00
1	10"X1-15/16"X3"X20'	COLUMN TUBE & SHAFT ASSY		860.00
1	1-15/16X2-3/8X10	TOP BOWL BEARING		56.00
6	1-15/16X2-3/8X7	BOWL BEARING	35.00	210.00
1	2-1/2X3X1-15/16	TUBE ADAPTER BEARING W/ SEALS		250.00
6	14TL	IMPELLERS / CASTINGS - RECONDITION	163.00	978.00
1	1-15/16X10'-0-1/4X1-15/16	IMPELLER SHAFT - SST		430.00
		SHOP LABOR		140.00
		FIELD LABOR - 20 HOURS	105.00	2100.00
			NET	$6866.00

1993 pulled 300HP, repaired, moved to another well. Replaced w/ 200 HP

PLEASE PAY FROM THIS INVOICE

WMP5 5-12-97

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Water Measurement Program

TIME CLOCK / HOUR METER WORKSHEET

Use of a **Time Clock** or **Hour Meter** is recommended only for constant flow rate pumps (usually open discharge) when power records cannot be used to accurately estimate volume (e.g. other loads on power meter). Operation time of the pump is recorded by the time clock, which together with flow rate measurements can be used to estimate volume pumped.

Date of test 9-13-01

Person performing test C. Knowles

Name: Hubert Shaw
Water Right No:
Legal Description: T 10S R 19E Sec 29 NW ¼ NE ¼ NE ¼
Site Tag No: A0005518
Diversion Name: Rogers well (open discharge)

Current Owner
Name Shaw Hubert Phone 731-2017 (cell) 544-2017
Last, First, MI
Address 411 S 750 E City Dietrich State ID Zip 83324

Operator (if leased or operated by someone else)
Name _____ Phone _____
Last, First, MI

SECTION I WELL SITE IDENTIFICATION

Global Positioning System Data:

Data Collection Filename _____ Offset _____

IDWR Site Tag Identification No. _____

Site Tag location description: _____

PLS/USGS Locator _____

For Department/District Use Only

Received by _____ ***Date*** _____

Reviewed by _____ ***Date*** _____

Data Entry by _____ ***Date*** _____

37-8705

Well Pump and Motor Information

PUMP DATA		MOTOR DATA	
Manufacturer	Vertiline	Manufacturer	US motor
Serial Number	714KHH	Serial Number	1238454
Model Number	D20011	Rated Horsepower	200
Type		Rated Amps	240 151
Impeller Diameter		Rated Volts	480 302
Rated Speed	1770	Rated Speed	1800
Rated Discharge	2000	Phase	3
Rated Head	200'	Service Factor	1.15

Measured Flow Rate and Discharge Pressure - Enter flow rate as determined by the "standard" water measurement meter in GPM, and discharge pressure measured in PSI. Attach documentation to support data such as notes, printout tapes etc.

GPM 1783 **PSI**

Water Level Data

Does the well have **access** to measure water levels? **Yes / No**

Static Water Level ft **Pumping Water Level** ft (at condition #_____)
Date **Date**

Attach sketch of pumping plant layout or photograph of pumping plant and piping.

Comments: Owner mentioned well should pump 3000 gpm. 200 H.P. motor only. Pump about 2/3 that. Talked w/ Arye Shem (son) who mentioned this well has run all but a week since July 4th. We agreed on that the well has run about 75 days or 1800 hrs. There is no time clock so this is a guess on the operating hours for 2001. CK/K

I certify that the above information is true and correct to the best of my knowledge and ability and the measurements taken and recorded are in accordance with the standards and specifications of the equipment used.

Signature [signature] Date 9-13-01
(person performing measurements)

```
OUTER DIAMETER
10.0000  IN

PIPE MATERIAL
?        CS,SS

WALL THICKNESS
0.0980   IN

KIND OF FLUID
?        WATER

SPACING
7.504    IN V


09-13 12:3600 *R
+002.90 %  AI2

0373.7  MMSEC
102.02  % T0

12:37+  1.776E 3GPM   00R
     +  7.549E 0FPS   00R
      +00000 *10 G    00R
      -00000 *10 G    00R

12:38+  1.821E 3GPM   00R
     +  7.742E 0FPS   00R
      +00179 *10 G    00R
      -00000 *10 G    00R

12:39+  1.795E 3GPM   00R
      ±00000 *10 G    00R


12:40+  1.758E 3GPM   00R
     +  7.473E 0FPS   00R
      +00537 *10 G    00R
      -00000 *10 G    00R

12:41+  1.782E 3GPM   00R
     +  7.578E 0FPS   00R
      +00715 *10 G    00R
      -00000 *10 G    00R

12:42+  1.771E 3GPM   00R
     +  7.529E 0FPS   00R
      +00893 *10 G    00R
      -00000 *10 G    00R

12:43+  1.768E 3GPM   00R
     +  7.516E 0FPS   00R
      +01071 *10 G    00R
      -00000 *10 G    00R

12:44+  1.759E 3GPM   00R
     +  7.480E 0FPS   00R
      +01248 *10 G    00R
      -00000 *10 G    00R

12:45+  1.784E 3GPM   00R
     +  7.585E 0FPS   00R
      +01427 *10 G    00R
      -00000 *10 G    00R

12:46+  1.776E 3GPM   00R
     +  7.552E 0FPS   00R
      +01605 *10 G    00R
      -00000 *10 G    00R

12:47+  1.760E 3GPM   00R
     +  7.483E 0FPS   00R
      +01783 *10 G    00R
      -00000 *10 G    00R
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