

SCANNED
MAY 23 2007

Permit No: 95-9289
Exam Date: 5/18/2007

- [illegible]

Method of Determination:

SCANNED

MAY 23 2007

3. ☐ Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.
- ☒ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
- ☒ Aerial Photo Attached (required for irrigation of 10+ acres).
- ☒ Photo of Diversion and System Attached

4.

<u>Well or Diversion ID No.*</u>	<u>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge Size</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

<u>Measurement Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

2. Measurements: 5 gallon bucket
filled 5 gal in 30 sec

E. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method:

5gal in 30 sec

10 gpm = 0.02 cfs

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 =$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} =$$

2. Volume Calculations for Other Uses:

SCANNED

MAY 23 2007

G. NARRATIVE/REMARKS/COMMENTS

THE WATER IS DIVERTED OUT OF HAYDEN LAKE FOR 2 SPICKETS AND 1 TOILET. THE MEASUREMENT AT ONE SPICKET IS 5 GALLONS IN 30 SECONDS.

Have conditions of permit approval been met? ☒ Yes ☐ No

H. RECOMMENDATIONS

1. Recommended Amounts

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
DOMESTIC	01/01 to 12/31	0.020 CFS	
<u>Totals:</u>		0.020 CFS	1.20 AF

2. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☐ None

☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

Field Examiner's Name Chad H Goodwin Date 5-23-2007
 Reviewer [Signature] Date 5/23/07

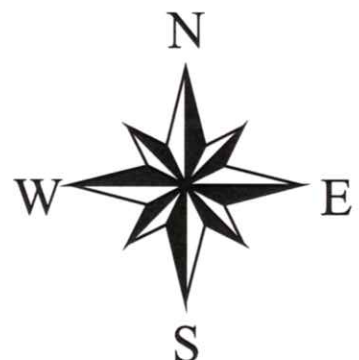
95-9289

SCANNED
MAY 23 2007



0.04 0 0.04 0.08 Miles

-  GCDB52N03W GCDB
-  GCDB51N03W GCDB
-  Right POD
-  Administrative BasinsAdminbas.shp
-  Pou.shp
-  Pod.shp





FROM PLACE OF USE TO
POINT OF DIVERSION



POINT OF DIVERSION



PUMP



PUMP INFO PLATE



SPICKET #1



SPICKET #2



SYSTEM

SCANNED
MAY 23 2007





Goulds Pumps ITT Industries Inc.

LISTED 6182

J10S

MODEL NO. 102548

H0544080

A.O. SMITH ELECTRICAL PRODUCTS COMPANY

MODEL C48A95A06 SER 8F05

HP 1 VOLTS 115/230

RPM 3450 ROT

AMPS 13.0/6.5 16.2/8.1

HZ 60 SF 1.4 FR 56J PH 1

TEMPERATURE PROTECTED CET52ABN AMB 40 °C

ENCL TYPE UC

OUTY CONT CODE K INUL CLASS B

GOULDS NO. J06853L

UL

GROUNDING

230V CONNECTION IS SHOWN TO CHANGE TO 115V, MOVE THE BLACK PLUG TO ALIGN THE ARROWS AT THE 115V LOCATION.



ACCEPTABLE FOR FIELD WIRING
USE COPPER CONDUCTORS ONLY
INSTALL MOTOR INTO CONDUIT

PERMANENTLY LUBRICATED BEARING

SC080116

WARNING:

- CONNECT GROUND WIRE TO GREEN GROUNDING SCREW BEFORE OPERATING MOTOR.
- REPLACE ALL COVERS BEFORE OPERATION.
- DISCONNECT POWER BEFORE SERVICING.
- POWER SOURCE MUST AGREE WITH NAMEPLATE.

ELECTRICAL HAZARD CAN CAUSE SEVERE INJURY OR DEATH.

AVERTISSEMENT:

- RELIER LE FIL DE MISE À LA TERRE À LA VIS DE MISE À LA TERRE DU MOTEUR (VERT) AVANT UTILISATION.
- REMPLACER TOUS LES COUVERCLES AVANT DE METTRE EN MARCHE.
- DÉBRANCHER LE COURANT AVANT L'ENTRÉE EN SERVICE.
- LA SOURCE DE PUISSANCE DOIT S'ACCORDER À LA PLaque SIGNALÉTIQUE.

PRECAUCION:

- ANTES DE OPERAR EL MOTOR CONECTE EL CABLE DE TERMINAL, TORNILLO VERDE DE TIERRA.
- REEMPLACE TODAS LAS CUBIERTAS ANTES DE OPERAR.
- DESCONECTE LA ENERGIA ANTES DE DAR MANTENIMIENTO.
- SELECCIONE LA FUENTE DE ENERGIA DE ACUERDO A LA PLACA DATOS DEL MOTOR.

UNA DESCARGA ELECTRICA PUEDE CAUSAR LESIONES SEVERAS O AUN LA MUERTE.

⚠ WARNING ⚠ AVERTISSEMENT ⚠ ADVERTENCIA

 Hazardous voltage. Disconnect and lockout power prior to performing any service or maintenance. Refer to instruction manual for proper installation. Electrical and plumbing installation must conform to local and national codes. Do not run pump dry. Do not operate at closed discharge. Failure to follow warning instructions may result in personal injury, death and/or damage.

Tension dangereuse. Verrouiller la source d'alimentation électrique en position d'arrêt avant d'effectuer tout travail d'entretien ou de réparation. Voir le manuel de directions pour l'installation correcte. Les installations électriques doivent être conformes aux prescriptions des codes provinciaux ou nationaux pertinents. Ne pas faire fonctionner la pompe à sec ni laisser le robinet de retour de refoulement fermé pendant le fonctionnement de cette dernière. Le non-respect des avertissements peut causer des blessures, voire la mort, ainsi que des dommages matériels.

Tensión peligrosa. Desconecte y bloquee el suministro eléctrico antes de realizar cualquier servicio o mantenimiento. Consulte el manual de instrucciones en cuanto a la instalación correcta. Las instalaciones eléctricas y de tuberías deben cumplir con los códigos locales y nacionales. No haga funcionar la bomba con la salida cerrada. Si se hace caso omiso de las instrucciones en esta advertencia, podría ocasionar lesiones o aún la muerte de personas y daños materiales.

GOULDS PUMPS





RETAINER
WELL SYSTEM TANK

Pressure Gauge

Pressure

PSI

0 10 20 30 40 50 60 70 80 90 100

110 120 130 140 150 160 170 180 190 200

210 220 230 240 250 260 270 280 290 300

310 320 330 340 350 360 370 380 390 400

410 420 430 440 450 460 470 480 490 500

510 520 530 540 550 560 570 580 590 600

610 620 630 640 650 660 670 680 690 700

710 720 730 740 750 760 770 780 790 800

810 820 830 840 850 860 870 880 890 900

910 920 930 940 950 960 970 980 990 1000

1010 1020 1030 1040 1050 1060 1070 1080 1090 1100

1110 1120 1130 1140 1150 1160 1170 1180 1190 1200

1210 1220 1230 1240 1250 1260 1270 1280 1290 1300

1310 1320 1330 1340 1350 1360 1370 1380 1390 1400

1410 1420 1430 1440 1450 1460 1470 1480 1490 1500

1510 1520 1530 1540 1550 1560 1570 1580 1590 1600

1610 1620 1630 1640 1650 1660 1670 1680 1690 1700

1710 1720 1730 1740 1750 1760 1770 1780 1790 1800

1810 1820 1830 1840 1850 1860 1870 1880 1890 1900

1910 1920 1930 1940 1950 1960 1970 1980 1990 2000

2010 2020 2030 2040 2050 2060 2070 2080 2090 2100

2110 2120 2130 2140 2150 2160 2170 2180 2190 2200

2210 2220 2230 2240 2250 2260 2270 2280 2290 2300

2310 2320 2330 2340 2350 2360 2370 2380 2390 2400

2410 2420 2430 2440 2450 2460 2470 2480 2490 2500

2510 2520 2530 2540 2550 2560 2570 2580 2590 2600

2610 2620 2630 2640 2650 2660 2670 2680 2690 2700

2710 2720 2730 2740 2750 2760 2770 2780 2790 2800

2810 2820 2830 2840 2850 2860 2870 2880 2890 2900

2910 2920 2930 2940 2950 2960 2970 2980 2990 3000

3010 3020 3030 3040 3050 3060 3070 3080 3090 3100

3110 3120 3130 3140 3150 3160 3170 3180 3190 3200

3210 3220 3230 3240 3250 3260 3270 3280 3290 3300

3310 3320 3330 3340 3350 3360 3370 3380 3390 3400

3410 3420 3430 3440 3450 3460 3470 3480 3490 3500

3510 3520 3530 3540 3550 3560 3570 3580 3590 3600

3610 3620 3630 3640 3650 3660 3670 3680 3690 3700

3710 3720 3730 3740 3750 3760 3770 3780 3790 3800

3810 3820 3830 3840 3850 3860 3870 3880 3890 3900

3910 3920 3930 3940 3950 3960 3970 3980 3990 4000

4010 4020 4030 4040 4050 4060 4070 4080 4090 4100

4110 4120 4130 4140 4150 4160 4170 4180 4190 4200

4210 4220 4230 4240 4250 4260 4270 4280 4290 4300

4310 4320 4330 4340 4350 4360 4370 4380 4390 4400

4410 4420 4430 4440 4450 4460 4470 4480 4490 4500

4510 4520 4530 4540 4550 4560 4570 4580 4590 4600

4610 4620 4630 4640 4650 4660 4670 4680 4690 4700

4710 4720 4730 4740 4750 4760 4770 4780 4790 4800

4810 4820 4830 4840 4850 4860 4870 4880 4890 4900

4910 4920 4930 4940 4950 4960 4970 4980 4990 5000

5010 5020 5030 5040 5050 5060 5070 5080 5090 5100

5110 5120 5130 5140 5150 5160 5170 5180 5190 5200

5210 5220 5230 5240 5250 5260 5270 5280 5290 5300

5310 5320 5330 5340 5350 5360 5370 5380 5390 5400

5410 5420 5430 5440 5450 5460 5470 5480 5490 5500

5510 5520 5530 5540 5550 5560 5570 5580 5590 5600

5610 5620 5630 5640 5650 5660 5670 5680 5690 5700

5710 5720 5730 5740 5750 5760 5770 5780 5790 5800

5810 5820 5830 5840 5850 5860 5870 5880 5890 5900

5910 5920 5930 5940 5950 5960 5970 5980 5990 6000

6010 6020 6030 6040 6050 6060 6070 6080 6090 6100

6110 6120 6130 6140 6150 6160 6170 6180 6190 6200

6210 6220 6230 6240 6250 6260 6270 6280 6290 6300

6310 6320 6330 6340 6350 6360 6370 6380 6390 6400

6410 6420 6430 6440 6450 6460 6470 6480 6490 6500

6510 6520 6530 6540 6550 6560 6570 6580 6590 6600

6610 6620 6630 6640 6650 6660 6670 6680 6690 6700

6710 6720 6730 6740 6750 6760 6770 6780 6790 6800

6810 6820 6830 6840 6850 6860 6870 6880 6890 6900

6910 6920 6930 6940 6950 6960 6970 6980 6990 7000

7010 7020 7030 7040 7050 7060 7070 7080 7090 7100

7110 7120 7130 7140 7150 7160 7170 7180 7190 7200

7210 7220 7230 7240 7250 7260 7270 7280 7290 7300

7310 7320 7330 7340 7350 7360 7370 7380 7390 7400

7410 7420 7430 7440 7450 7460 7470 7480 7490 7500

7510 7520 7530 7540 7550 7560 7570 7580 7590 7600

7610 7620 7630 7640 7650 7660 7670 7680 7690 7700

7710 7720 7730 7740 7750 7760 7770 7780 7790 7800

7810 7820 7830 7840 7850 7860 7870 7880 7890 7900

7910 7920 7930 7940 7950 7960 7970 7980 7990 8000

8010 8020 8030 8040 8050 8060 8070 8080 8090 8100

8110 8120 8130 8140 8150 8160 8170 8180 8190 8200

8210 8220 8230 8240 8250 8260 8270 8280 8290 8300

8310 8320 8330 8340 8350 8360 8370 8380 8390 8400

8410 8420 8430 8440 8450 8460 8470 8480 8490 8500

8510 8520 8530 8540 8550 8560 8570 8580 8590 8600

8610 8620 8630 8640 8650 8660 8670 8680 8690 8700

8710 8720 8730 8740 8750 8760 8770 8780 8790 8800

8810 8820 8830 8840 8850 8860 8870 8880 8890 8900

8910 8920 8930 8940 8950 8960 8970 8980 8990 9000

9010 9020 9030 9040 9050 9060 9070 9080 9090 9100

9110 9120 9130 9140 9150 9160 9170 9180 9190 9200

9210 9220 9230 9240 9250 9260 9270 9280 9290 9300

9310 9320 9330 9340 9350 9360 9370 9380 9390 9400

9410 9420 9430 9440 9450 9460 9470 9480 9490 9500

9510 9520 9530 9540 9550 9560 9570 9580 9590 9600

9610 9620 9630 9640 9650 9660 9670 9680 9690 9700

9710 9720 9730 9740 9750 9760 9770 9780 9790 9800

9810 9820 9830 9840 9850 9860 9870 9880 9890 9900

9910 9920 9930 9940 9950 9960 9970 9980 9990 10000





