

7/2012

Hybrid

IN-OFFICE BENEFICIAL USE EXAM REPORT

Permit No. 57-11600 Prepared by Vianey Nunez Date 5-30-13

Same as permit

Different than permit

Owner Name



Owner Address



☒ change to

Source



Tributary



POD



permit says 2 wells

POU



Beneficial Use(s)



Exam Fee Required for Permitted Rate \$ 50

Exam Fee Paid \$ 50

Overlaps ☐ Yes ☒ No

Technical Confirmation Tools

ArcMap (Bing)



Govt Agency Records

Photo



GPS ☐

Taxlot



Photos ☐

Well Log



Diagrams ☐

Other



explain: verify # of wells & GPS

Conditions/Comments only 1 well - 2nd was to be backup but  
not drilled

Exam Date Entered 5-9-13 Draft License Created 5-31-13 Shapes Updated 5-30-13

# MEMORANDUM

**Date:** May 31, 2013  
**To:** Water Right File 57-11600  
**From:** vmusic  
**Re:** Field Report Narrative

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The permit for Hope House qualifies for an in-house field exam per the beneficial use rules. However, I made a site visit to GPS the well and verify how many wells were present. The application and permit were for 2 wells. I could only find the well log for one well and there is only one well on site. Donnalee Velvick accompanied me on the site visit and she stated that they wanted to drill a backup well but did not. So, there is only the well drilled in 2002.

Donnalee provided a labeled drawing of the entire facility and the location of some of the water distribution system, as well as pump and motor information from S.O.S. Well Drilling & Pump Co. Inc. the pump is a 110 gpm Texas turbine and the motor is a 10 hp, 3-phase motor.

There are no POD overlaps or POU overlaps for domestic. Snake R. irrigation water is authorized under right no. 2-2378. I recommend the license be issued as permitted, but for one well, not two.

Volume was calculated using the two standard IDWR equations for Vr and Vd.  $V_r = 12 \text{ gpd per person} \times \text{estimated 100 staff, volunteers and residents} \times 365 \text{ days per year used} / 325,850 = 43800 / 325,850 = 1.3 \text{ afa}$ .  $V_d = 0.2 \text{ cfs} \times 1.9835 \times 365 \text{ days used} = 144.8 \text{ afa}$ . I recommend for licensing the lesser volume, the 1.3 afa.



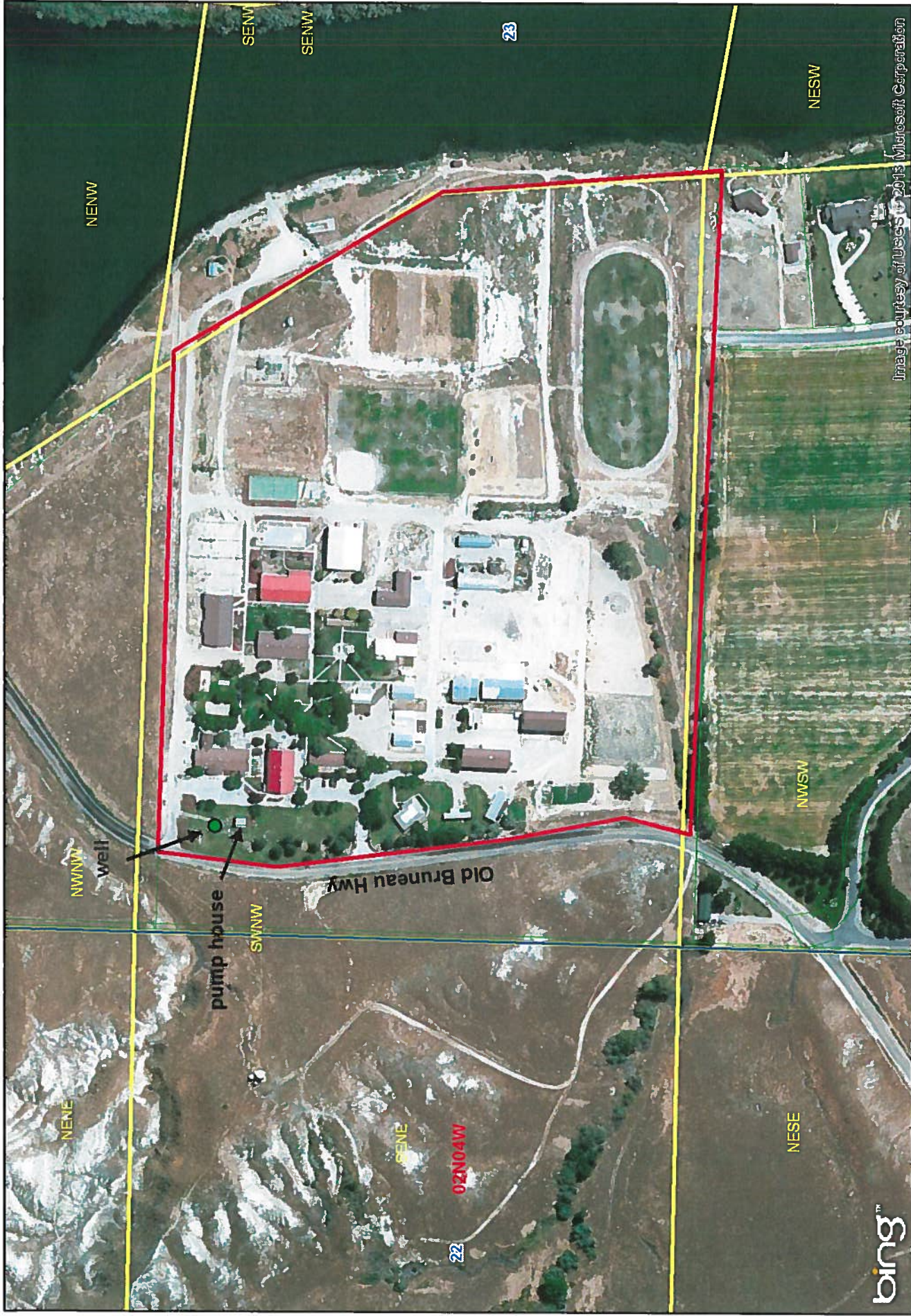
POD – well located in the NW corner of the property.



The building labeled "Y" is the pump house. View is looking north at the well.



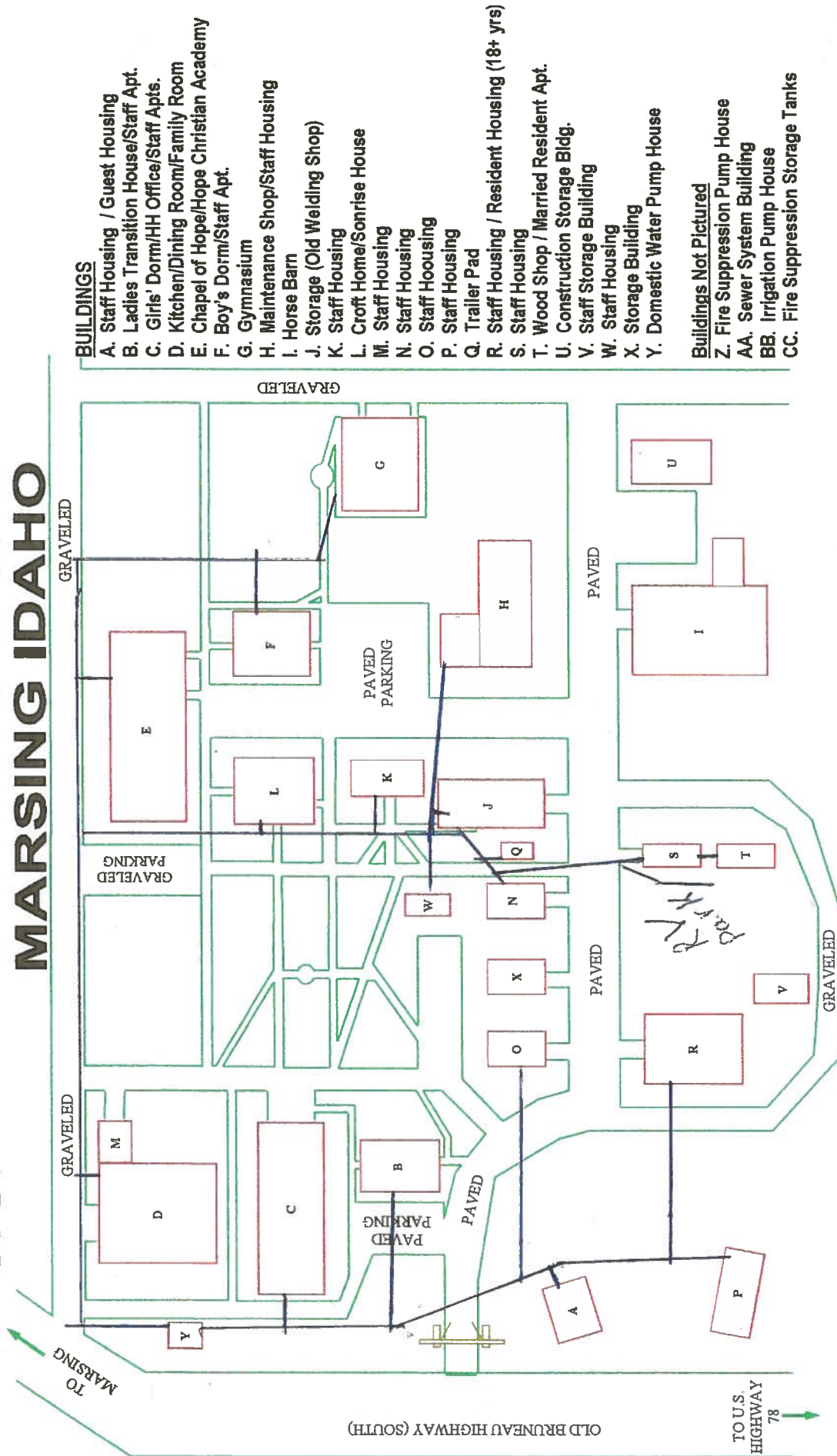
Inside the pump house.



57-11600 - Hope House POD [well] and domestic POU. Bing 2011 photography.

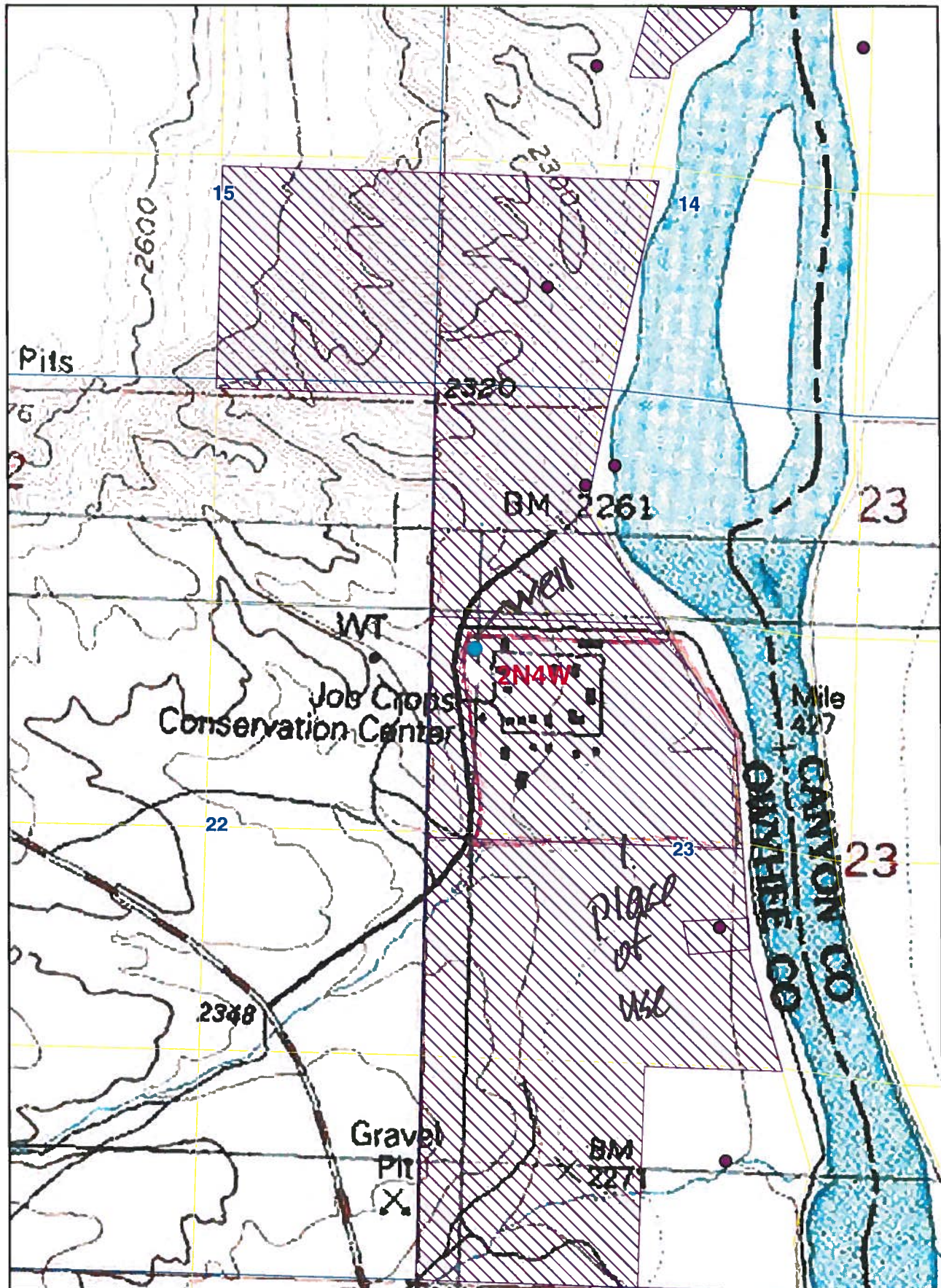
GPS coordinates for well : N 43.49804, W -116.79075

# HOPE HOUSE HOME FOR CHILDREN MARSING IDAHO



ALL Buildings Have a separate Line & shutOff Valve coming  
From well house. Drawing shows only one line because of space.

57-11600  
Gov't. Lot 2





S.O.S. Well Drilling & Pump Co., Inc.

5101 W. Lake Hazel Road

Nampa, ID 83687

E-mail: soswelldrilling@qwestoffice.net

(208)888-3610 Fax: (208)888-0340

# INVOICE

| DATE      | INVOICE # |
|-----------|-----------|
| 7/14/2003 | 9348      |

| BILL TO                                                             |
|---------------------------------------------------------------------|
| DONNALBEE VELVIC<br>P O BOX 1428<br>NAMPA, ID 83653<br>208-890-5000 |

| JOB ADDRESS |
|-------------|
| HOPE HOUSE  |

| W.O. NUMBER | TERMS  | DUE DATE  | REP |
|-------------|--------|-----------|-----|
| P-136-03    | Net 12 | 7/14/2003 | PAR |

| QUANTITY | ITEM CODE       | DESCRIPTION                       | PRICE EACH | AMOUNT   |
|----------|-----------------|-----------------------------------|------------|----------|
| 1        | 5CLC010         | 110 GPM Texas Turbine Wet End     | 1,070.75   | 1,070.75 |
| 1        | PUMP MOTORS     | 10 HP 3Phase 200v Motor           | 1,043.21   | 1,043.21 |
| 1        | ABB Drive15HP   | ABB Drive 15HP 240V ACS401601122  | 2,278.47   | 2,278.47 |
| 225      | 63SubWG         | 6-3 Sub Cable W/ Ground           | 2.67       | 600.75   |
| 65       | 63UFwGround     | 6-3 UF Wire w/Ground              | 3.28       | 213.20   |
| 1        | SpliceKit       | 4 Wire Splice Kit                 | 3.36       | 3.36     |
| 215      | 3GTCPipe        | 3" Galv. T&C Pipe                 | 8.62       | 1,853.30 |
| 30       | 3PVC840DPipe    | 3" Shedule 40 Drop Pipe           | 4.14       | 124.20   |
| 1        | 8X3WOPA         | 8X3 Weld On Pitless Adapter       | 606.41     | 606.41   |
| 1        | 3CValve         | 3" Check Valve                    | 242.33     | 242.33   |
| 1        | WX101           | WX 101 Pressure Tank              | 84.59      | 84.59    |
| 15       | 114PVC80Cond    | 1 1/4" PVC Schedule 80-Conduit    | 1.38       | 20.70    |
| 1        | Transducer      | Transducer No Shock               | 354.38     | 354.38   |
| 1        | PressGauge      | Pressure Gauge                    | 7.25       | 7.25     |
| 1        | 34BDValve       | 3/4" Boiler Drain Valve           | 3.55       | 3.55     |
| 1        | 3434PRValve     | 3/4" X 1/2" Pressure Relief Valve | 4.91       | 4.91     |
| 2        | 34LTFConnecto   | 3/4" L/T Flex Connectors          | 4.20       | 8.40     |
| 4        | 34FConduit      | 3/4" Flex Conduit (per ft.)       | 0.60       | 2.40     |
| 1        | 3GCoupling      | 3" Galv. Coupling                 | 35.40      | 35.40    |
| 1        | 114BCoupling    | 1 1/4" Brass Coupling             | 3.65       | 3.65     |
| 1        | 11434BHBushin   | 1 1/4" X 3/4" Brass Hex Bushing   | 5.03       | 5.03     |
| 2        | 2PVC90Elbow     | 2" Schedule 80 PVC 90 Elbow       | 7.10       | 14.20    |
| 1        | 3PVC90Elbow     | 3" PVC 90 Elbow                   | 9.08       | 9.08     |
| 1        | 3BTBValve       | 3" Brass Threaded Ball Valve      | 111.30     | 111.30   |
| 18       | Labor (2)       | Labor 1 Man w/Pumprig (Per Hr)    | 65.00      | 1,170.00 |
| 1        | Plumbing Permit | Plumbing Permit                   | 57.00      | 57.00    |
| 1        | Elec.Permit     | Electrical Permit                 | 60.00      | 60.00    |
| 10       | 3GTCPipe        | 3" Galv. T&C Pipe                 | 8.62       | 86.20    |
| 1        | 3GCoupling      | 3" Galv. Coupling                 | 35.40      | 35.40    |
| 1        | 3PVCcoupling    | 3" PVC Quick Fix Coupling         | 24.05      | 24.05    |

We do accept Visa & MasterCard, a 3% service charge will be added to total. Thank you!

**Total**

IF PAYMENT IS NOT RECEIVED WITH IN 30 DAYS OF BILLING, A SERVICE CHARGE OF 3% PER MONTH WILL BE CHARGED, AND AFTER 60 DAYS A LIEN WILL BE PLACED ON PROPERTY WHERE WORK WAS PERFORMED.

# IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

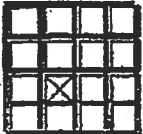
1104378

Office Use Only  
Inspected by \_\_\_\_\_  
Twp \_\_\_\_\_ Rge \_\_\_\_\_ Sec \_\_\_\_\_  
1/4 1/4 1/4  
Lat \_\_\_\_\_ Long \_\_\_\_\_

1. DRILLING PERMIT NO. \_\_\_\_\_  
Other IDWR No. D0018526

2. OWNER:  
Name Donna Velvic/Hope House  
Address P O Box 1428  
City Nampa State ID \_\_\_\_\_ Zip 83653

3. LOCATION OF WELL by legal description:  
Sketch map location must agree with written location

W  E  
Twp. 2 North ☒ or South ☐  
Rge. 4 East ☐ or West ☒  
Sec. 14 1/4 NE 1/4 SW 1/4  
Gov't lot \_\_\_\_\_ County Owyhee

Lat \_\_\_\_\_ Long \_\_\_\_\_  
Address of Well Site 4 mi s/of of Marsing on  
So. Bruneau Hwy City Marsing  
(Give at least name of road - Distance to Road or Landmark)  
Lt \_\_\_\_\_ Blk \_\_\_\_\_ Sub. Name \_\_\_\_\_

4. USE:  
☐ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation  
☐ Thermal ☐ Injection ☒ Other public housing

5. TYPE OF WORK check all that apply (Replacement etc.)  
☒ New Well ☐ Modify ☐ Abandonment ☐ Other \_\_\_\_\_

6. DRILL METHOD  
☒ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other \_\_\_\_\_

7. SEALING PROCEDURES

| SEAL/FILTER PACK   |      | AMOUNT |                 | METHOD   |
|--------------------|------|--------|-----------------|----------|
| Material           | From | To     | Sacks or Pounds |          |
| silica sand        | 105' | 300'   | 710 sacks       | overbore |
| 3/8 bentonite chip | 2'   | 105'   | 297 sacks       | overbore |

Was drive shoe used? ☐ Y ☒ N Shoe Depth(s) \_\_\_\_\_  
Was drive shoe seal tested? ☐ Y ☐ N How? \_\_\_\_\_

8. CASING/LINER:

| Diameter | From | To   | Gauge | Material | Casing                              | Liner                    | Welded                              | Threaded                 |
|----------|------|------|-------|----------|-------------------------------------|--------------------------|-------------------------------------|--------------------------|
| 8"       | 240' | 250' | .322  | steel    | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 8"       | 136' | 209' | .322  | steel    | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 8"       | +2'  | 125' | .322  | steel    | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Length of Headpipe \_\_\_\_\_ Length of Tailpipe 19'

9. PERFORATIONS/SCREENS  
☐ Perforations Method set-in  
☒ Screens Screen Type telescoping

| From | To   | Slot Size | Number | Diameter | Material | Casing                   | Liner                    |
|------|------|-----------|--------|----------|----------|--------------------------|--------------------------|
| 250' | 281' | .025      |        | 8"       | st.st    | <input type="checkbox"/> | <input type="checkbox"/> |
| 240' | 209' | .025      |        | 8"       | st.st    | <input type="checkbox"/> | <input type="checkbox"/> |
| 136' | 125' | .025      |        | 8"       | st.st    | <input type="checkbox"/> | <input type="checkbox"/> |

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:  
64ft. below ground Artesian Pressure \_\_\_\_\_ lb  
Depth flow encountered \_\_\_\_\_ ft. Describe access port or control devices: \_\_\_\_\_

11. WELL TESTS:

☐ Pump ☐ Bailor

| Yield gal/min. | Drawdown | Pumping Level | Time   |
|----------------|----------|---------------|--------|
| 120 GPM        |          | 2.0'          | 6 hrs. |
| 45 gpm         |          | 120'          | 4 hrs. |

Water Temp. \_\_\_\_\_ Bottom hole temp. \_\_\_\_\_  
Water Quality test or comments: \_\_\_\_\_  
Depth first Water Encountered 67'

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

| Water     |      |      |  | Remarks: Lithology, Water Quality & Temp. | Y | N |
|-----------|------|------|--|-------------------------------------------|---|---|
| Bore Hole | From | To   |  |                                           |   |   |
| 23"       | 0'   | 1'   |  | brown top soil                            |   |   |
| 23"       | 1'   | 2'   |  | brown cliche                              |   |   |
| 23"       | 2'   | 20'  |  | sandy brown clay w/sm black gravel        |   |   |
| 23"       | 20'  | 29'  |  | sandy brown clay w/sand strips            |   |   |
| 21"       | 29'  | 60'  |  | sandy brown clay w/sand strips            |   |   |
| 21"       | 60'  | 67'  |  | tan clay                                  |   |   |
| 21"       | 67'  | 78'  |  | fine brown sand w/gravel                  |   |   |
| 18"       | 78'  | 88'  |  | fine brown sand w/gravel                  |   |   |
| 18"       | 88'  | 105' |  | blue clay stone                           |   |   |
| 18"       | 105' | 125' |  | hard gray clay                            |   |   |
| 18"       | 125' | 130' |  | hard gray clay w/cracks                   |   |   |
| 18"       | 130' | 144' |  | hard gray clay                            |   |   |
| 18"       | 144' | 197' |  | hard gray clay w/small cracks             |   |   |
| 18"       | 197' | 200' |  | gray & white sand stone                   |   |   |
| 18"       | 200' | 202' |  | void                                      |   |   |
| 18"       | 202' | 240' |  | hard gray clay w/small cracks             |   |   |
| 18"       | 240' | 251' |  | hard gray clay                            |   |   |
| 18"       | 251' | 267' |  | hard gray clay w/cracks                   |   |   |
| 18"       | 267' | 270' |  | void                                      |   |   |
| 18"       | 270' | 281' |  | gray clay w/big cracks                    |   |   |
| 18"       | 281' | 310' |  | hard gray clay                            |   |   |

RECEIVED  
OCT 03 2002  
WATER RESOURCES  
WESTERN REGION

Completed Depth: 300 (Measurable)  
Date Started 8-26-02 Completed 9-9-02

13. DRILLER'S CERTIFICATION  
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name SOS Well Drilling & Pump Co Firm No. 212  
Firm Official Frank Schinner Date 9-1-02  
Supervisor or Operator D. B. Bennett Date 9-18-02  
(Sign once if Firm Official & Operator)

Date: 9/17/02 Time: 4:33 PM



State of Idaho

## DEPARTMENT OF WATER RESOURCES

Western Region • 2735 Airport Way • Boise, Idaho 83705-5082

Phone: (208) 334-2190 • Fax: (208) 334-2348 • Website: [www.idwr.idaho.gov](http://www.idwr.idaho.gov)

C.L. "BUTCH" OTTER  
Governor

GARY SPACKMAN  
Director

April 25, 2013

JOHN CHASE OR DONNA VELVICK  
HOPE HOUSE INC  
PO BOX 550  
MARSING, ID 83639-550

Re Permit To Appropriate Water No. 57-11600

Dear Mr. Chase or Ms. Velvick:

The permit referenced above was issued for internal domestic use of water for the Hope House facilities from a well. This letter is to request that you call me to schedule the field exam for this permit. A field exam is required by Idaho law before a license can be issued, at which time it becomes a water right. The license is the end product needed for continued water use.

Please have ready for me a schematic of the water lines.

I will be conducting exams in the Marsing area on Monday and Tuesday, May 6 and 7, 2013. Please call me at 208.334.2190, **by May 3, 2013**, to set an appointment for the exam. Failure to respond to this letter request may result in the permit being voided or a license issued for less than the permitted amount. Thank you.

Sincerely,

Vicky Music  
Sr. Water Resource Agent