

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 37-8451
Exam Date: 8/15/2012

1. Current Owner: 187 SLUDER DR LLC
PO BOX 143
RICHFIELD ID 83349
2. Accompanied by: **In house**
Phone No: 208.309.2467
Address: See above
Relationship to Permit Holder: New owner

3. **SOURCE** **TRIBUTARY**
GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: None
2. Other water rights with the same point of diversion: None

C. DIVERSION AND DELIVERY SYSTEM1. **LOCATION OF POINT(S) OF DIVERSION:**

GROUND WATER NE1/4NE1/4 Sec. 23, Twp 01N, Rge 18E, B.M. BLAINE County

Method of Determination:

Water right owner sent a map with the well location identified.

2.

PLACE OF USE: COMMERCIAL

Twp	Rge	Sec	NE				NW				SW				SE				
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
01N	18E	23	X																

Method of Determination:

Aerial photo from permit holder identifying the POU.

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

D. FLOW MEASUREMENTS

2. Measurements:

See Theoretical analysis in file by C. Hersley

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

N/A

2. Volume Calculations for Other Uses:

0.6 AF for lawn irrigation around the house/office
 0.6 AF for internal use of the house/office
 0.6 AF for shop

Filling of water trucks: Permit holder said that they filled the trucks 5 times per week from 5/1 – 10/1 (154 days)

154 days / 7 day's a week = 22 weeks
 22 weeks * 5 times per week = 110 fills per year

Assumed 4000 gallon water trucks – see Water truck specs from Taylor Pump and Lift

$$\frac{(4000 \text{ gallons})(110 \text{ fills})}{325850} = 1.4 \text{ AF}$$

Workers Volume: Permit holder said that they have 3-20 workers on site. Give the benefit of the doubt and assume 20 workers.

35 gallons per day per worker
 (52 weeks/year)(6 day's per week) = 312 day's

$$\frac{(35 \text{ gpd})(312 \text{ day's})(20 \text{ workers})}{325850} = 0.7 \text{ AF}$$

Total volume = **3.9 AF**

G. NARRATIVE/REMARKS/COMMENTS

Original permit holder did not pay for the beneficial use field exam. The current property owner paid the \$50 fee along with the \$25 late fee allowing the Department to recommend the fully permitted 0.08 cfs.

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>
COMMERCIAL	01/01 to 12/31	0.080 CFS	3.90 AF
<u>Totals:</u>		0.080 CFS	3.90 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 C. Saxton / Chad Hersley Date 8/15/12
 Reviewer _____ Date _____



704.786.9400


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Water Trucks and Water Truck Equipment

Taylor Pump & Lift can provide you with a single water truck or multiple water trucks, depending on your specific needs, and appropriately equipped for whatever type of job you have in mind. Whether you need water trucks for cleaning debris or dust, construction work, or simply transporting many gallons of water, we can supply you with the perfect vehicle to get the job done right. Many times our water trucks are utilized to transport water into areas that have none, or fresh water into areas that have been contaminated. Water trucks are also often used on farms for mass watering of crops, or during construction work.



Through our years of experience with lube trucks, Taylor Pump & Lift has become an industry leader in the manufacturing and production of water truck tanks and the equipment utilized by water trucks. Currently, our TPL Wash Master water truck products include our standard 2,000 gallon tank or a custom-built tank capable of holding up to 4,000 gallons of water. Because of the huge capacity of our water trucks, we are confident that we will be able to supply you with a water truck that will satisfy all the requirements of your specific situation. As our saying goes: "Our goal is not to build what we want, but to build what you need to better serve your business." And whether you are searching for water trucks or lube trucks and mobile lube equipment, our promise to you is just that – we build for you exactly what you need, not what we think you should have. Contact us today to find out more about our water trucks, or click here to view images of our water trucks in action and even download more detailed specifications.

For the past 20 years Taylor Pump & Lift has supplied professional lube and water truck equipment. Our extensive knowledge and experience has helped to guide and shape us as industry leaders and give us a distinct edge over the competition. We are also a leading lubrication equipment distributor, capable of assembling and fabricating mobile lube trucks and trailers, off-road lubrication trucks and equipment, fleet lubrication equipment, lubrication skid packages, water truck tanks and other lube truck equipment.

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MEMO

June 14, 2012

TO: Craig Saxton
FROM: Chad F. Hersley
RE: In office Review, Application 37-8451

Application 37-8451 to appropriate 0.08 cfs groundwater from an 8 inch diameter well received from Charles Maestas in October 1988. Water was to be used for commercial and domestic purposes associated with a residence and Redi Mix cement operation. Proof of beneficial use was due to the Department by April 1, 1990. Beneficial use statement received May 7, 1990 for 0.04 CFS from the well therefore an exam fee is not required.

A well log matching the location, diameter, and depth information provided on the application is on file with the Dept. under the name of Doug Sluder.

Current tax records indicate the property is in the name of Charles D. and Myra Joan Sluder. A request to transfer application/permit to new owner is not on file.

Application amount originally requested 0.08 cfs however the beneficial use statement identified 0.04 cfs. 1992 black and white aerial photography (ArcMap) does show evidence of buildings and ground disturbance. More recent photography shows the operation has expanded from its original size and therefore likely uses more than the original 0.08 cfs at the present time.

Department records reasonably confirm that this water right was established consistent with the requirements of the permit and licensing is warranted.

GROUNDWATER THEORETICAL ANALYSIS

FILE: 37-8451

DATE: June 2012

BY: C. Hersley

THEORETICAL RATE OF FLOW: $Q = \frac{(8.8 \times (\text{HP}) \times (\text{EFF.}))}{\text{TDH}}$

Q = CFS

HP = Total Brake Horsepower of pumping plant (including booster)

Eff. = Pumping plant efficiency (assume 70% or 0.70)

TDH = Total dynamic head = [(LIFT) + (PSI X 2.31)]

LIFT = Depth to water in FEET from land surface to pumping water level

PSI = Pumping pressure measured in PSI near pump (if open discharge assume [0])

$$Q = \frac{(8.8) \times (3.5 \text{ HP}) \times (0.70)}{[(80') + (45 \times 2.31)]} = \frac{21.56}{183.95} = 0.117 \text{ CFS Capacity of well.}$$

LIFT FROM:

Measurement ()

Owner ()

Area estimate ()

Well Logs ()

Booster (Y) (N)

PSI FROM:

Measurement ()

Owner ()

Estimate (X)

Owner Gage ()

NOTES ON PUMP:

Motor Make, Serial or ID

~~HP~~

Pump Make, Serial or ID, rating

REMARKS: HP Determined From Permit.

I looked at 3 well logs in the NE 1/4 of S23 T1N R18E. The well depths ranged from 100' to 160' deep with static levels of 60' to 80'.

Using an average static water level of 70' with 10' of drawdown I estimated the pumping water level at 80'

Lois Wilson Maestas, 79, formerly of Richfield, Idaho, passed away Sunday October 30, 2011, at Ashley Manor Care Center in Jerome, Idaho, after a three year battle with blindness and Alzheimer's.

Lois was born November 23, 1931, in Marley, Idaho, the youngest child of James Wilson and Lucy Erickson Wilson. She attended school in Marley until 1945 when her family moved to Richfield.

While in Richfield she graduated from High School and married Charles Maestas on May 15, 1948 in Shoshone. This union lasted 62 years. The winter of 1950 found Chick, Pude, (nicknames) on the old Mark & Quet Johnson farm 3 miles north and 3/4 of a mile west of Richfield. For the next thirty years Chick and Pude scratched out a living, raised their family, and excelled in their endeavors. Lois milked twenty-five to thirty head of cows and was a major contributor on the 400 acre farm. She pulled weeds in the beans, picked rock, raised a garden, set siphon tubes, canned thousands of bottles of goods, cooked three squares a day and was one wale of a Mother for her three sons and two daughters.

Lois excelled at bowling, playing cards, crocheting, knitting, singing in the church choir, and supporting her children in school and sports. In the seventies Chick and Pude started a concrete business that soon expanded to Bellevue, Idaho. In the eighties they built a home on Poverty Flats in Bellevue and traded the farm for a motel in Ely, Nevada. Lois took care of the books and kept the motel going while Charles managed the concrete operations. In 1998 Charles and Lois built an earth geo-thermally heated "dream home" in Buhl which became summer camp when snow birding.

Two very severe tragedies were added to Lois's journey with the death of her oldest daughter in 1959 and the loss of her hand in a hay chopper in 1967. Perseverance prevailed as she continued on with her life by doing all the things she did before and even more, except knitting. She was absolutely incredible.

Lois was preceded in death by her husband, Charles; daughter, Kayla Diane; grandson, Reggie Barton; brother, Don S. Wilson; sister, Faye Crockett; half brothers, James and Lloyd Wilson; half sister, Velda Wilson; and her parents, Lucy and James Wilson.

Survivors include three sons: David (Jean) of Hagerman; K-C of Picabo; Doug (Sherry) of Boise; and daughter, Susan (Jim) Barton of Carey; 11 grandchildren; 15 great grandchildren and numerous nieces and nephews.

The family would like to thank the staffs of DeSano of Gooding, Mountain View Center of Kimberly, Bennett Hills of Gooding and Ashley Manor of Jerome for all the loving care they provided for our Mother.

Graveside service will be held at 11:00 a.m. on Friday November 4, 2011, at the Richfield Cemetery, in Richfield, Idaho.

A reception will follow the services at 12:00 noon at the Richfield Senior Center.

Arrangements are under the direction of Demaray' Funeral Service - Gooding Cha

Rebecca Erwin- manager, Rich Field & D
788-2572 - Sluder

Glendale Const.
186 Sluder drive

Amber
Myrick

344-
8600

Well loss =
Shudder = 124' well
74' static

Shudder = 100' well
60' static

Shudder = 140' well
80' static.

PROOF STATES 0-4 GF use.

4GF X 325,850 gal/GF = 1,303,400 gal

1,303,400 gal / 365 days = 3,571 g/d.

Single Family 4.3 People ave X 25 = 322.5 g/d

WORKERS Office = 15 gpd X 4 = 60 gpd

WORKERS CONST = 60 gpd X 10 = 600 gpd

TOTAL WORKERS home 982.5

2,589.5 ~~gpd~~ gpd FOR TRUCKS.

C. Hersley June 2012

WELL DRILLER'S REPORT

RECEIVED

State law requires that this report be filed with the Director, Department of Water Administration within 30 days after the completion or abandonment of the well.

JUN 2 1945

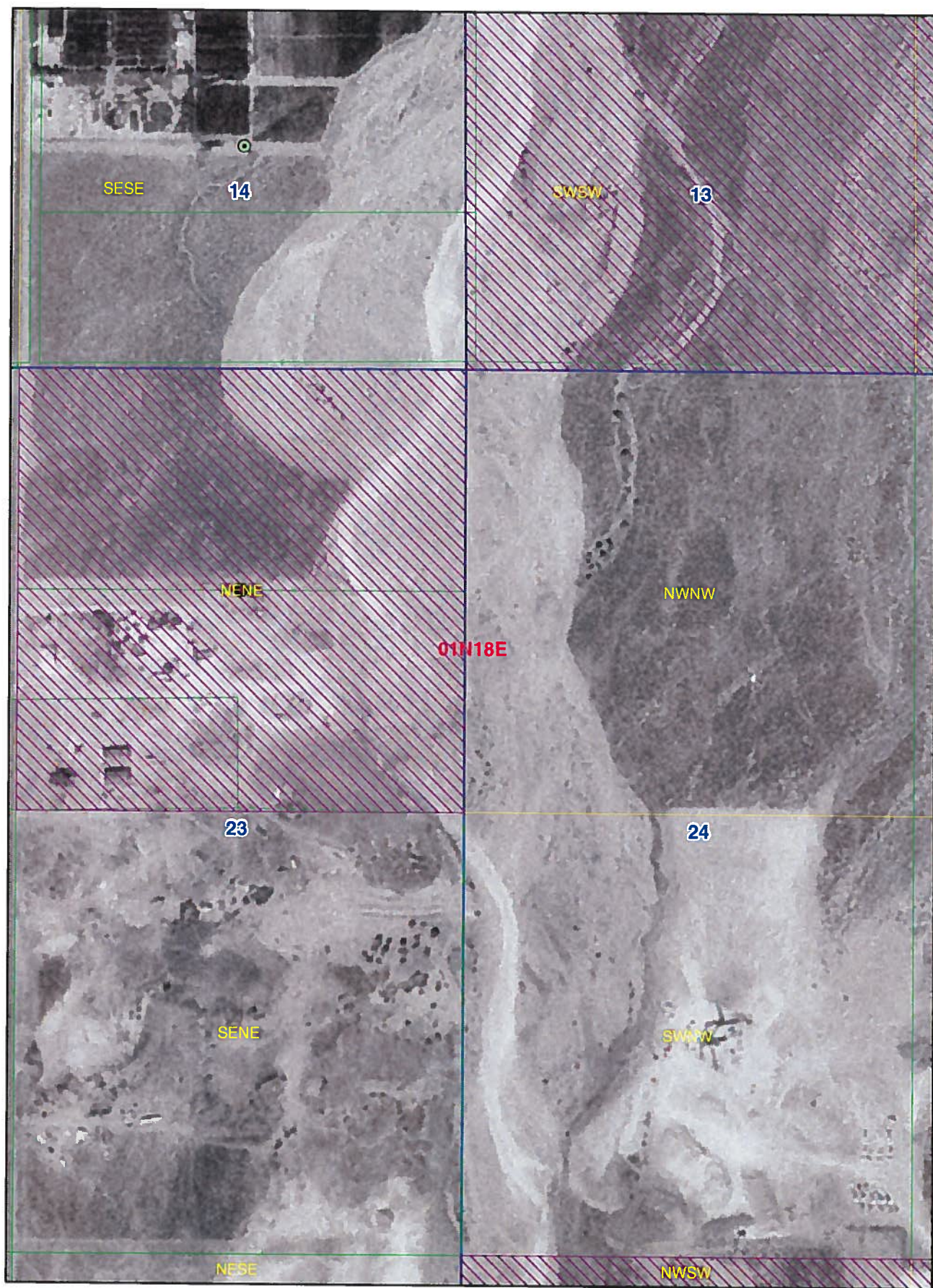
Well
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372760

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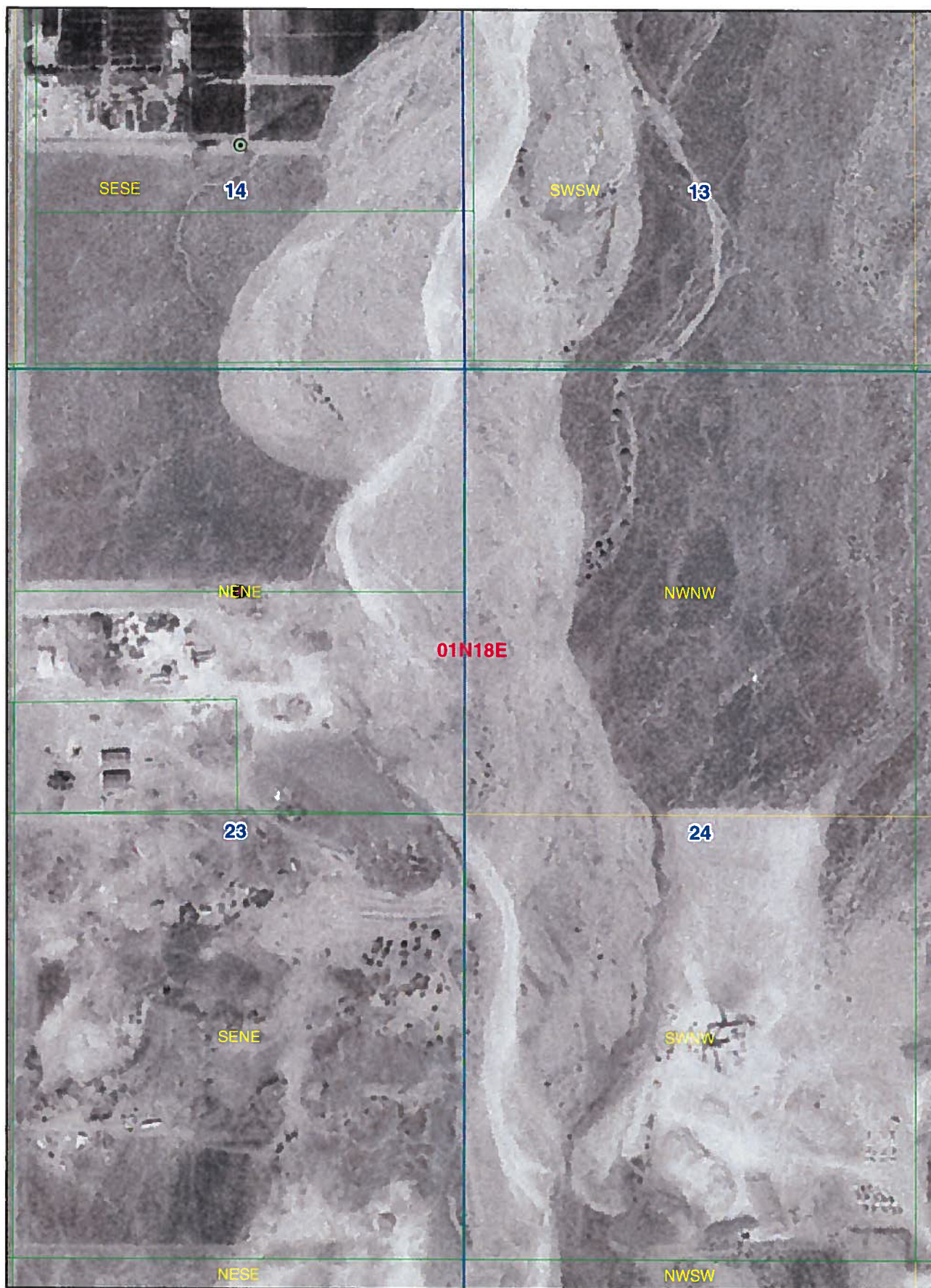
USE ADDITIONAL SHEETS IF NECESSARY

FORWARD THE WHITE, BLUE, AND PINK COPIES TO THE DEPARTMENT

1992



1992



1994



187 Sluder Dr. LLC
Pellville, ID

Concrete Business & Charles Mestas

Charles Sluder - Gravel washing

Two water right app. both for
groundwater from wells

both located in TIN RIBE S23 N1E NE

Both located in south 1/2 of 40 acres

Amber Myrick - Agent of record

344-2600 - Contacted on 6-28-12*

- Amber provided contact information for
Becky Erwin, manager of 187 SLUDER Dr. LLC.

Becky Erwin - Manager

• 208 487-2771

• Contacted Becky Erwin's voice mail, left message
for her to contact me.

• Called again on 7-16-12*

Becky Erwin,

PO Box 143

Richfield Id

83349

* Chuck Erwin
two separate wells

Notes By: C. Hershey
7-19-12 (csanton)