



SPF WATER
ENGINEERING

RECEIVED

MAR 12 2009

March 11, 2009

WATER RESOURCES
WESTERN REGION

KW

Kay Walker
IDWR Western Region Office
2735 Airport Way
Boise, ID 83705

Subject: Joe Stadler Transfer Application

Dear Kay,

In response to the information requested in your telephone message, the targeted water bearing zone for the proposed well will be the same zone as the existing well used for irrigation. The well log for the existing irrigation well indicates the water bearing zone is from 201 to 255 feet. Area topography indicates the existing irrigation well is located approximately 100 feet higher in elevation than the proposed well. This indicates that the water bearing zone for the proposed well may start around 100 feet. If this zone proves insufficient, the applicant is prepared to drill deeper. A nearby well log at the proposed location indicates a water bearing zone of 633 to 688 feet. Based on this information, the water bearing zone for the proposed well could be anywhere between 100 and 700 feet.

Attached is a well log for the existing irrigation well, a well log for the nearby well and an associated topographical map. Please let me know if you have any further questions Kay.

Sincerely,

Lori Graves

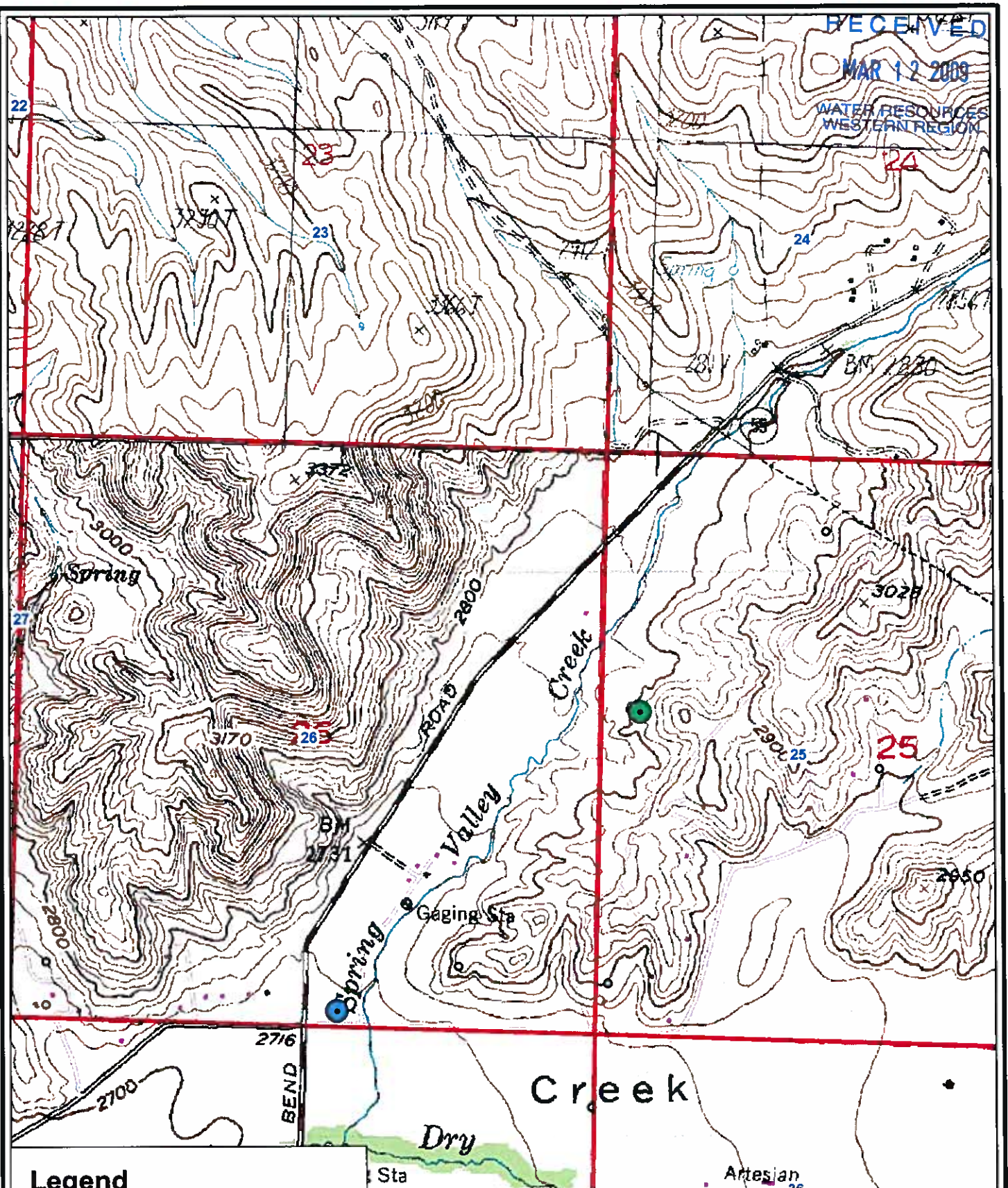
Lori Graves
Water Rights Specialist

Cc: Joe Stadler, Wayne Forrey

Enclosures

SPF file number: 667.0060

RECEIVED
MAR 12 2009
WATER RESOURCES
WESTERN REGION



Legend

-  Proposed Point of Diversion
-  Existing Irrigation Well
-  Sections

Joe Stadler Transfer Application
63-31838

0 625 1,250
Feet



Water Engineering, LLC
water resource consultants
800 E. River Park Lane, Ste. 105, Bonanza, Idaho 83709
tel. 208.383.4140 fax. 208.383.4158



WEINBRENNER'S REPORT

within 30 days after the completion or abandonment of the well.

WELL OWNER

Name

SHADOW VALLEY GOLF COURSE

Address

RT.# 1 POISE 83703

Owner's Permit No.

63-91-Z-097

NATURE OF WORK

☐ New well
☐ Deepened
☒ Replacement

☐ Well diameter increase

☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)

PROPOSED USE

☐ Domestic
☒ Irrigation
☐ Test
☐ Municipal
☐ Industrial
☐ Stock
☐ Waste Disposal or Injection
☐ Other (specify type)

METHOD DRILLED

☐ Rotary
☐ Air
☐ Hydraulic
☐ Reverse rotary
☒ Cable
☐ Dug
☐ Other

WELL CONSTRUCTION

Casing schedule: ☒ Steel ☐ Concrete ☐ Other

Thickness

Diameter

From

To

250 inches

16 inches

1

201

250 inches

11 inches

196

201

inches

inches

feet

feet

inches

inches

feet

feet

Was casing drive shoe used?

☐ Yes ☒ No

Was a packer or seal used?

☒ Yes ☐ No

Perforated?

☐ Yes ☒ No

How perforated?

☐ Factory ☐ Knife ☐ Torch ☐ Gun

Size of perforation

inches by

inches

Number

From

To

perforations

feet

feet

perforations

feet

feet

perforations

feet

feet

Well screen installed?

☒ Yes ☐ No

Manufacturer's name

John

Type

stainless steel

Model No.

301

Diameter

10

Slot size

30

Set from

201

feet to

251

Diameter

Slot size

Set from

feet to

Gravel packed?

☐ Yes ☐ No

Size of gravel

8-12

Placed from

130

feet to

255

Surface seal depth

22

Material used in seal:

☒ Cement grout

☐ Bentonite

☐ Puddling clay

☐

Sealing procedure used:

☐ Slurry pit

☒ Temp. surface casing

☒ Overbore to seal depth

Method of joining casing:

☐ Threaded

☒ Welded

☐ Solvent

Weld

☐ Cemented between strata

Describe access port

LOCATION OF WELL

Hiway 55

Sketch map location must agree with written location.

N

N

W

E

S

ADA

Subdivision Name

Lot No.

Block No.

County

SW

SE

NE

NW

Sec. 25

T. 5

R. 1

E

W

7. WATER LEVEL

Static water level

50

feet below land surface.

Flowing?

☐ Yes ☐ No

G.P.M. flow

Artesian closed-in pressure

p.s.i.

Controlled by:

☐ Valve ☐ Cap ☐ Plug

Temperature

OF

Quality

Describe artesian or temperature zones below.

8. WELL TEST DATA

☐ Pump

☐ Bailer

☐ Air

☐ Other

Discharge G.P.M.

Pumping Level

Hours Pumped

9. LITHOLOGIC LOG

Bore

Depth

Material

Water

Diam.

From

To

20

0

68

tannish brown clay

X

68

201

bluish gray clay

X

201

255

basalt & granite sands with layers of blue clay

X

100

3

1031

Fig. K

13" RM

Work started

6/5/91

finished

6/19/91

11. DRILLERS CERTIFICATION

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

Firm Name

Stevens & Sons

Firm No.

153

Address

3709 Hawthorne Drive

6/27/91

Signed by (Firm Official)

Wayne E Stevens

and

(Operator)

Wayne E Stevens

1708

Well Log Form 1
3M-3/63

RECEIVED

AUG 25 1964

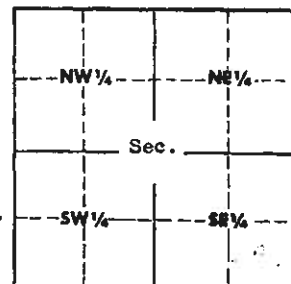
Department of Reclamation

WELL LOG AND REPORT TO THE
STATE RECLAMATION ENGINEER OF IDAHO 097973

SUBMIT WITHIN 30 DAYS AFTER COMPLETION OF WELL: SEE IDAHO STATUTES 42-238

Permit No. 9-32051 Well No. _____ County AdaOwner BEN F. StadlerAddress Route 1 Boise, IdahoDriller Russell CowieAddress Boise, IdahoWell location SE 1/4 SE 1/4 Sec. 26, T. 5N, R. 1E EAWSize of drilled hole 12" to 340' 10" 340' to 688'Total depth of well 688'

Locate well in section

Give depth to standing water from the ground Flowing Water temp. 82.5 °Fahr.Test delivery was 900 g.p.m. or ☒ c.f.s. Drawdown was feet. Pump? ☒ Bail? ☒Size of pump and motor used to make test None

Length of time of test _____ hours _____ minutes.

If flowing well, give flow _____ c.f.s. or 900 g.p.m. and of shut off pressure 5 lbs.If flowing well, described control works 6" Gate Valve
(TYPE AND SIZE OF VALVE, ETC.)Water will be used for Domestic irrigation Weight of casing per lineal foot _____Thickness of casing 1/4 wall Casing material Steel
(STEEL, CONCRETE, WOOD, ETC.)Diameter, length and location of casing 12" casing to 340' 8" casing 340 to 688'
(CASING 12" IN DIAMETER OR LESS, GIVE INSIDE DIAMETER;
CASING OVER 12" IN DIAMETER, GIVE OUTSIDE DIAMETER)

CASING RECORD

Diam. Casing	From Feet	To Feet	Length	Remarks—seals, grouting, etc.
12"	0'	340'	343'	above ground. casing set in hard, blue shale
8"	32.1'	688'	367'	8" seal into 12" at 32.1' from ground level

Number and size of perforations 5/32" 990 perforations located _____ feet to _____ feet from ground
perforations 633' to 688'Date of commencement of well June 1, 1964 Date of completion of well Aug. 12, 1964

WELL LOG

[illegible]

WELL DRILLER'S STATEMENT

This well was drilled under my supervision and the above information is complete, true and correct to the best of my knowledge and belief.

Signed

By.

Dated

License No

Well Driller's Helper