

RECEIVED

AUG 31 2012

DEPARTMENT OF
WATER RESOURCESSTATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

\$50 fee

Received by

Receipt No.

Date

SR7
CG95939
8/31/2012

REQUEST FOR EXTENSION OF TIME

To provide additional time in which to submit proof of beneficial use for a water right permit

The Idaho Department of Water Resources will consider this form as a request that the permit holder(s) be granted an additional period of time under the provisions of Section 42-204, Idaho Code in which to complete development of a water right and file proof or beneficial use of water. There is a **FILING FEE** of \$50.00 to be included with this form when filed with IDWR.

Permit no. 22-13244 Date proof is due Sept 1, 2012
 Name(s) of permit holder(s) Teton Valley Golf Associates c/o Hopkins Financial Services
 Mailing address 910 E Carol City Meridian State ID Zip 83646
 Telephone no. (208) 467-5467 Email bethe@hopkinsfinancial.com

Describe what work has been completed toward the development of this water right:

If no work has been completed, show "none".

The well has been installed and the water lines
to 50% of the development have been installed.
There additionally has been 24 homes built.
I have included the Well Completion Report

Costing _____

The permit holder(s) has been unable to complete the remainder of the work for the following reasons:

Due to the slow down of the economy and the sale of
homes the project is not complete.

Permit holder(s) request an extension to September 1st, 2017.Signature [Signature]
(If other than permit holder, Power of Attorney must be supplied)

Date

8/29/12

ACTION OF THE DEPARTMENT OF WATER RESOURCES

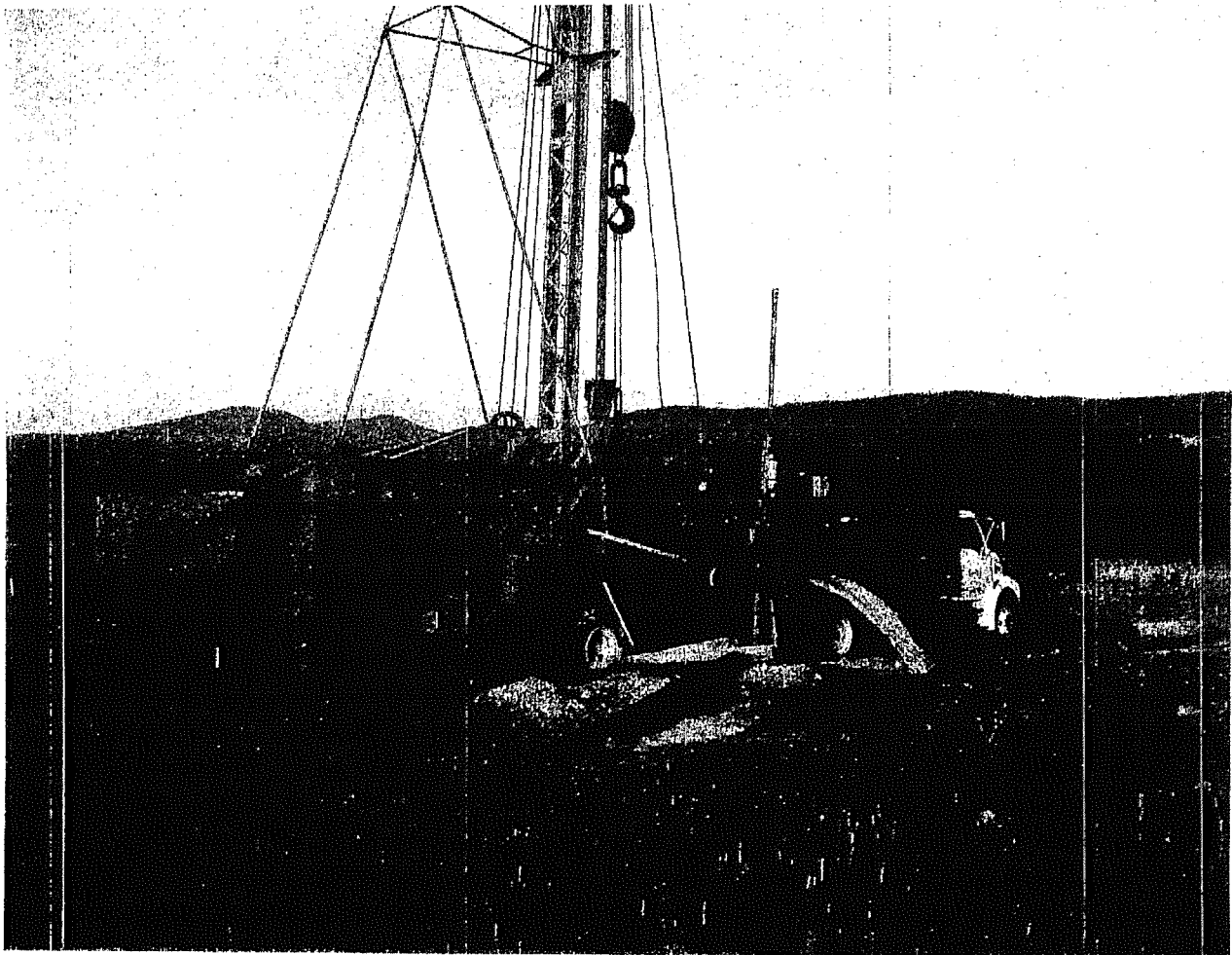
IT IS HEREBY ORDERED that the above request for extension of time be

EXTENSION DENIED PER ORDER DATED SEPTEMBER 26, 2012.

Signed this _____ day of _____, 20____

WELL COMPLETION REPORT

TETON RESERVE WATER SUPPLY WELL NO. 1



*Prepared by
SPF Water Engineering, LLC*

August 29, 2004

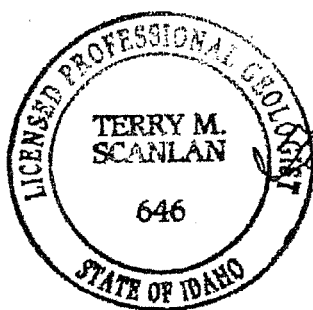


SPF

Water Engineering, LLC
water resource consultants

WELL COMPLETION REPORT

TETON RESERVE WATER SUPPLY WELL NO. 1



Terry M. Scanlan
8/29/04



August 29, 2004

TABLE OF CONTENTS

INTRODUCTION AND BACKGROUND.....	2
WELL DRILLING AND CONSTRUCTION.....	2
WELL TESTING.....	3
WATER QUALITY.....	5
DISCUSSION.....	5

APPENDIX A PERMITS

APPENDIX B WELL DATA

APPENDIX C TEST PUMPING DATA

APPENDIX D WATER QUALITY REPORTS

INTRODUCTION AND BACKGROUND

A new public water supply well, Teton Reserve Well No. 1, was completed in early August 2004 for the Teton Reserve subdivision and golf course project near Victor. This report provides a summary of permitting, construction, and testing.

DEQ approval of the well site and well construction was provided by letter dated May 20, 2004. A drilling permit was issued on June 22, 2004. The well will divert water as authorized by water right permit 22-13244. Permit documents are provided as Appendix A.

WELL DRILLING AND CONSTRUCTION

Well drilling was initiated on June 4, 2004 and was completed on August 6, 2004. The well was drilled by Stevens and Sons Well Drilling to a total depth of approximately 504 feet using the cable-tool and mud-rotary methods. The upper borehole diameter was advanced by drilling and driving temporary 20-inch well casing to 110 feet. Below the 20-inch casing, the borehole was continued by drilling and driving 16-inch casing to 300 feet. Due to slow progress driving the 16-inch casing, the drilling method below 300 feet was changed to mud-rotary, and an open borehole was advanced to a total depth of 504 feet.

The borehole penetrated a layered sequence of gravel, clay, and clayey gravel to total depth. Water-bearing zones were not apparent from drill cuttings or drilling characteristics. As a result, a geophysical survey (single point resistivity, natural gamma, and spontaneous potential) was conducted following completion of drilling in an attempt to identify water-bearing intervals. Based on the results of the geophysical survey and the driller's log, the well screen intervals were selected for well completion.

The well is completed with 145 feet of 12-inch diameter stainless steel well screen (0.040-inch slot size) staggered from 250 to 490 feet in the following intervals (measured below ground level):

- 250 to 270 feet
- 280 to 300 feet
- 314 to 324 feet
- 330 to 370 feet
- 380 to 390 feet
- 405 to 425 feet
- 442 to 452 feet
- 475 to 490 feet.

The top of the screen assembly is equipped with a headpipe and a 12 x 16-inch neoprene packer of approximately 15 feet length. The bottom of the screen assembly is equipped with a 10-foot tail pipe. Total length of 12-inch blank pipe is approximately 120 feet.

An attempt was made to pull back the 16-inch casing to expose the wells screens between 250 and 300 feet. However, the driller was unable to move the casing while applying significant force with hydraulic jacks. At that point, rather than risk breaking the casing, it was decided to develop and test the well without pulling back the casing. Therefore, no production is obtained from the 40 feet of well screens located between 250 and 300 feet.

The surface seal was installed on August 5, 2004 while pulling back the 20-inch temporary surface casing. Surface seal material consisted of approximately 500 gallons (2.5 cubic yards) of bentonite grout installed through 85 feet of tremie pipe. Prior to grouting, the bottom of the annular space was tagged at 102 feet below ground surface. Calculated volume for the annular space was approximately 3 cubic yards, suggesting some sloughing of formation into the annulus as the casing was pulled back. Mike Martin of SPF Water Engineering was present during surface seal installation.

The well was developed using air-jetting and pump surging methods.

Figure 1 is an as-built diagram of the well. A Well Drillers Report and geophysical logs are provided as Appendix B.

WELL TESTING

Test pumping consisted of approximately 2.5 hours of step-rate testing, 12.5 hours of constant-rate testing, two hours of recovery monitoring, and 3 hours of additional step-rate testing. Total pumping time was more than 18 hours. Development pumping and step-rate testing were conducted on July 28. The constant-rate test was conducted on July 28 and 29. Test data are provided as Appendix C.

Pumping equipment consisted of a diesel-driven turbine well pump set at 200 feet. Layne Pump from Twin Falls was the test pumping subcontractor. Water-levels were measured with an electric-line well sounder. The measuring point was 3 feet above ground level. Pumping rates were measured with an 8-inch x 10-inch orifice weir and manometer tube. Discharged water was distributed across the site with temporary ditches in an attempt to prevent off site flooding. Testing was eventually terminated due to an inability to contain additional discharge on-site. Testing is described in the following paragraphs.

First Step-Rate Test. The first step-rate test consisted of pumping the well at approximate rates of 880 gpm, 1065 gpm, 1348 gpm, and 1500 gpm for approximate half hour intervals on July 28. Water level in the well had not fully recovered following development pumping earlier in the day, so that the pre-test "static" water level of 77.25

DEPTH
(FEET)

0

50

100

150

200

250

300

350

400

450

500

▽ 74 FEET

MINIMUM 20-INCH
DIAMETER BOREHOLE
0 TO 110 FEET

SURFACE SEAL;
BENTONITE GROUT

16-INCH O.D. CASING
0.375-INCH WALL
THICKNESS;
+2 TO 299 FEET

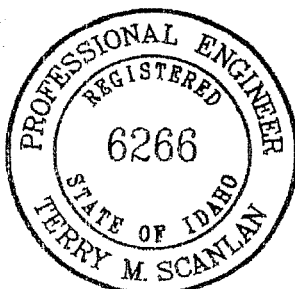
16-INCH BY 12-INCH
FIGURE K PACKER

12-INCH PIPE SIZE
STAINLESS STEEL WELL SCREEN;
145 FEET TOTAL FROM
250 TO 490 FEET

15-INCH DIAMETER
BOREHOLE

12-INCH BLANK CASING
0.375-INCH WALL THICKNESS
124 FEET TOTAL FROM
235 TO 504 FEET

STEEL PLATE BOTTOM



SPF Water Engineering, LLC
water resource consultants

600 East River Park Lane, Suite 105, Boise, Idaho 83706

Tel (208) 383-4140 Fax (208) 383-4156

TETON RESERVE WELL No. 1 AS BUILT DIAGRAM

SCALE: NTS

DRAWN BY: SDC

FIGURE 1

PROJ. #361.001

feet was probably slightly below true static water level. Actual static water level was probably 76 to 77 feet below the measuring point. Approximate pumping water levels at the end of each step were 103 feet, 112 feet, 127 feet, and 156 feet, which correspond to short-term specific capacities of 34 gpm/ft, 31 gpm/ft, 27 gpm/ft, and 19 gpm/ft. These specific capacities suggest that the well efficiency was declining over the range of test pumping rates. A dramatic loss of specific capacity during the 1500 gpm step is believed to be due to shifting of formation materials behind the casing and well screen, resulting in a loss of well efficiency.

Constant-Rate Test. Static water level at the beginning of the constant rate test was approximately 77.21 feet. This static water level was recovering from development pumping and step-rate test pumping conducted earlier in the day. True static water level was probably between 76 and 77 feet.

The constant-rate test consisted of pumping the well at a rate of 1500 gpm for approximately 12.5 hours. Pumping water level at the end of the test was 127.9 feet, and total drawdown was 50.69 feet. Late in the test period, the diesel engine briefly stopped on two occasions causing the pump to backflush. After each occasion, the drawdown in the well decreased indicating that the well was still developing during the pumping test. Specific capacity at the end of the test was 30 gpm/ft. Water was clear and sand free at the end of the test.

Analysis of water-level responses for the drawdown portion of the constant-rate test indicates an apparent aquifer transmissivity of approximately 500,000 gpd/ft during the first 400 minutes of pumping. Drawdown stabilized late in the test. Stabilization is assumed to be caused by leakage from overlying or underlying water-bearing zones. The recovery test suggests a transmissivity of approximately 400,000 gpd/ft during the first 20 minutes of recovery.

Water levels were measured in the Teton Reserve 20-inch irrigation well located approximately 700 feet to the east of Well No. 1. Total drawdown at this well during the constant rate test was 1.0 feet.

Second Step-Rate Test. Due to the inconsistent specific capacity values during the step rate and constant rate tests, additional development pumping and testing was conducted on the morning of July 29. The additional testing consisted of pumping at various rates of up to 2100 gpm while observing water levels and discharge. At rates above 2000 gpm, the well experienced sudden losses of productivity, with specific capacities falling from the 30 gpm/ft range to less than 20 gpm/ft. At the high pumping rates and high specific capacities, the well was producing turbid water and fine sand. Upon losing productivity, the discharge from the well would clear and the water would be sand free.

The loss of productivity response suggests that a productive zone is located behind a blank casing section. Flow is occurring through the annular space to the nearest well screen section. At the high flow rates, formation material eventually caves against the

casing or screen blocking flow from this zone. Flow and productivity is restored upon backflushing the well.

Based on the response to test pumping, we anticipate that the well should be able to produce 1500 gpm on a sustained basis with a pumping level between 120 and 130 feet. Operation at rates in excess of 1500 gpm is not recommended unless additional development work is conducted. A pump setting depth of approximately 200 feet is recommended.

WATER QUALITY

Water quality samples were collected near the end of the constant-rate pumping test, and submitted to Analytical Laboratories in Boise for analysis. Results of this analysis show that water quality from the well is excellent for public water system use. The water from the well has no detectable arsenic, iron, manganese, or other objectionable metals. Nitrate concentration was 0.3 mg/L. Coliform bacteria and E.coli bacteria were absent. The water is hard (162 mg/L hardness) with total dissolved solids of 222 mg/L. Specific conductance, temperature and pH were measured in the field at 246 uS, 49 degrees F, and 7.7 S.U., respectively.

Laboratory reports are provided as Appendix D.

DISCUSSION

Testing of Teton Reserve Well No. 1 and previous testing of the Teton Reserve irrigation well both demonstrate the existence of a highly productive aquifer with high quality water beneath the project site. Although Well No. 1 will produce a reliable 1,500 gpm with approximately 50 feet of drawdown, the potential yield from wells in this aquifer is greater. We suspect that the aquifer consists of relatively low permeability clayey gravels, with thin sections of cleaner gravels that are highly permeable. The response of Well No. 1 to testing suggests that selection of screen intervals from geophysical logs and drilling characteristics was not adequate to identify all significant water-bearing intervals. As a result, future wells at this site should be constructed with screens or perforated casing throughout the target water-bearing interval. Wells constructed in this manner should be capable of producing in excess of 2,000 gpm.

APPENDIX A PERMITS



STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

900 North Skyline, Suite B • Idaho Falls, Idaho 83402-1718 • (208) 528-2650

Dirk Kempthorne, Governor
C. Stephen Allred, Director

May 20, 2004

Teton Valley Golf Associates
Attn: Pam Wascher
P.O. Box 15067
Boise, ID 83715

RE: **Teton Reserve Subdivision & Golf Course Well #1, DEQ #: 04-09-41**
NEW Public Drinking Water System (PWS #): 7410029

Dear Pam,

On May 18, 2004, this office received and reviewed the plans, specifications, and necessary checklists for Teton Reserve Well #1. The plans appear to meet minimum state standards and are hereby approved with the following conditions:

1. Under **Water Requirements** from the May 12, 2004 SPF Water Engineering Inc. correspondence, it is stated the Teton Reserve Subdivision & Golf Course Well #2 will be implemented when the number of service connections reaches **25 lots**. Phase I of the Teton Reserve Subdivision & Golf Course is proposed to serve **35 lots**, this office needs to receive, review, and approve plans, specifications and necessary checklists for Teton Reserve Subdivision & Golf Course Well #2 prior to field installation. This office must be kept informed of the scheduling of all construction phases.
2. Upon drilling completion of Teton Reserve Subdivision & Golf Course Well #1 and prior to serving potable water to Teton Reserve Subdivision & Golf Course Consumers, please supply this office with:
 - a. pump test results (in accordance with **IDAPA 58.01.08.550.03.f.**),
 - b. a Well Driller's Report (Log) for Well #1, and
 - c. the complete water quality testing analysis results for Teton Reserve Subdivision & Golf Course **Well #1**. I have attached *Drinking Water Monitoring Requirements for NEW Community Public Drinking Water Systems* and a list of *Idaho State Certified Laboratories* that are capable of completing the required initial water quality testing. ALWAYS contact the laboratory prior to collecting samples, such that they can give you proper guidance on sample collection and sample transportation. ALWAYS include the Teton Reserve Subdivision & Golf Course Public Drinking Water System Number: **7410029** when submitting any water quality test results. .
3. As per the Department of Environmental Quality's (DEQ) June 25, 2003 correspondence (attached) with regard to a construction extension request for Phase I of the Teton Reserve Subdivision & Golf Course, certain conditions were to be addressed prior to issuance of a

IFRO

23505

1. IDENTIFY AND NUMBER THE DATE WHEN THE BILL IS DUE

construction extension approval for field installation of the Drinking Water Distribution and Wastewater Collection Systems. As of May 18, 2004, minimal conditions have been met and the request for a **construction extension of Phase I of the Teton Reserve Subdivision and Golf Course is hereby approved.**

4. Prior to field installation, this office must receive, review, and approve design drawings for Teton Reserve Subdivision & Golf Course **Well #2**, ALL Well Houses including the drinking water system appurtenances, all future phases that are not included in the Silver Fox and Red Fox Divisions (Phase I) of Teton Reserve Subdivision & Golf Course.
5. Referring to the DEQ June 25, 2003 correspondence, this office still needs to receive, review, and approve a **final version** of Teton Reserve's Capacity Development, before a final approval of the Teton Reserve Subdivision & Golf Course can be issued.

This approval is for field installation of Teton Reserve Subdivision & Golf Course Phase I drinking water distribution system, sanitary sewer collection system, and Well #1 only. Deviations from the approved plans that may result in violation of Idaho Regulations, must be reviewed by this office prior to field installation. This office must be kept informed of the scheduling of all construction phases so that we can make spot inspections as necessary.

This approval will expire on **May 18, 2005**. If construction is not complete by the expiration date, plans will need to be resubmitted for approval before further construction proceeds. Within 30 days after construction, a professional engineer registered with the state of Idaho must provide this office with as-built plans or a letter of certification stating that the project was installed with substantial accordance to the approved plans.

A copy of the approved plans and specifications will be kept on file at this office. Please reference **DEQ #: 04-09-41** when submitting any future correspondence related to the construction of *Teton Reserve Subdivision & Golf Course Well #1*. Please reference **DEQ #: 02-07-41** when submitting any future correspondence related to the construction of *Teton Reserve Subdivision & Golf Course Phase I Drinking Water Distribution and Wastewater Collection Systems*. If you have any questions regarding this letter or if we can be of further service please contact Ryan Urbanec, of this office at (208) 528 - 2650.

Sincerely,



William B. Teuscher, P.E.
Senior Water Quality Engineer,
DEQ - IFRO

- Encl:
- (1) Plans and Specifications for Teton Reserve Subdivision & Golf Course Well #1.
 - (2) Drinking Water Monitoring Requirements for New Sources.
 - (3) Idaho State Certified Laboratories.
 - (4) June 25, 2003 correspondence.

- CC:
- SPF Water Engineering, Attn: Terry Scanlan, P.E., 600 E. River Park Lane #105, Boise, ID 83706; (E.1)
 - Unger Consulting, Attn: Bob Unger, 1322 Albright St., Boise, ID 83709;
 - Keller Associates, Inc., Attn: Jim Mullen, P.E., 412 West Center, Suite 330, Pocatello, ID 83204

Keller Associates, Inc., Attn: Kevin Shreeve, 131 SW 5th Ave., Meridian, ID 83642
Teton County Planning & Zoning, 89 N. Main St., Driggs, ID 83422;
City of Victor, Attn: Dara Evans, P.O. Box 122, Victor, ID 83455;
City of Driggs, Attn: Mayor Louis Christensen, P.O. Box 48, Driggs, ID 83422;
Chris Critser, State Plumbing Inspector, P.O. Box 175, Rigby, ID 83442;
Kellye Eager, Public Drinking Water Coordinator, D7HD – IFRO;
Ryan Urbanec, DEQ – IFRO;
Dennis Dunn, IDWR – IFRO;
DEQ File #: 04-09-41; (E.1)
DEQ File #: 02-07-41;
Reading File;

Drilling Permit I.D. Tag No. D00 32735
Water Right Permit No. 13244
Injection Permit No. _____

RECEIVED

MAY 17 2004

Department of Water Resources
Eastern Region

State of Idaho
Department of Water Resources

APPLICATION FOR DRILLING PERMIT
(FOR THE CONSTRUCTION OF A WELL)

1. Owner (please print): Teton Valley Golf Associates, LP

2. Mailing Address: P.O. Box 15067

City: Boise State: ID Zip Code: 83715 Telephone: (208) 484-7450

3. Proposed Well Location: Twp. 4N Rge. 45E Sec. 35 1/4 NE 1/4 NE 1/4

Gov't Lot No. _____ County Teton Lat. _____ Long. _____

Street Address of Well Site 11 East, 600 South City Victor

Lot, block and subdivision Teton Reserve
Give at least name of road - Distance to Road or Landmark

4. Proposed Use of Well:

- ☐ DOMESTIC: The use of water for homes, organization camps, public campgrounds, livestock and for any other purpose in connection therewith, including irrigation of up to 1/4 acre of land, if the total use is not in excess of 13,000 gpd; or any other uses, if the total use does not exceed a diversion rate of 0.04 cfs and a diversion volume of 2500 gpd.

Domestic does not include water for multiple ownership subdivisions, mobile home parks, commercial or business establishments, unless the use does not exceed a diversion rate of 0.04 cfs and a diversion volume of 2500 gpd.

NON-DOMESTIC: ☐ Irrigation ☐ Municipal ☐ Industrial
☐ Livestock ☐ Test ☒ Other domestic/fire protection
Type _____ Number Hd. _____
(Describe)
(public water system)

☐ INJECTION

☐ MONITORING: A well bore schematic and map is required for each blanket permit. No. of proposed wells: _____

5. Well Construction Information:

A. ☒ New well ☐ Modify ☐ Replace
B. Proposed Casing Diameter 16-inch Proposed Maximum Depth 500 feet
C. Anticipated bottom hole temperature:
☒ 85 F or less ☐ 85 F to 212 F ☐ 212 F. or more
(Cold Water Well) (Low Temp. Geo. Well) (Geothermal Well)

6. Construction Start Date: May 20, 2004

7. Anticipated Well Driller: Stevens and Sons Well Drilling Driller's Lic. No. 153
NOTE: The actual well driller must be identified prior to drilling.

8. Applicant's Signature: Gregory M. Seaton Date 5/12/04

Address (if different than owner): SPE Water Engineering, 600 E. River Park Lane, #105

City: Boise State: ID Zip Code: 83706 Telephone: 208-383-4140

Title: Consulting Engineer and Hydrologist for Teton Valley Golf Assoc.
(Owner, Firm Representative, Other)

ACTION OF THE DEPARTMENT OF WATER RESOURCES

This Permit is Approved

Date 17 May 2004

approved, this permit authorizes the construction or modification of a well subject to the following conditions. READ CAREFULLY!

GENERAL CONDITIONS:

1. This drilling permit is valid for two (2) months from the above approval date for the start of construction and is valid for one (1) year from the approval date for completion of the well unless an extension has been granted.
2. This permit does not constitute an approval of the District Health Department or the Idaho Department of Health and Welfare, which may be required before construction of the well. All wells must be drilled a minimum distance of 100 feet from a drain field. Domestic and Public Water Supply wells must be drilled a minimum of 50 feet and 100 feet respectively from a septic tank.
3. The well shall be constructed by a driller currently licensed in the State of Idaho who must maintain a copy of the drilling permit at the drilling site.
4. Approval of this drilling permit does not authorize trespass on the land of another party.
5. This permit does not constitute other local, county, state or federal approvals, which may be required for construction of a well.
6. This drilling permit does not represent a right to divert and use the water of the State of Idaho.
7. If a bottom hole temperature of 85 or greater is encountered, well construction shall cease and the well driller and the well owner shall contact the Department immediately.
8. Idaho Code, S 55-2201 - 55-2210 requires the applicant and/or his contractors to contact "DigLine" (DigLine is a one-call center for utility notification) not less than 2 working days prior to the start of any excavation for this project. The "DigLine" Number for your area is 1-800-342-1685.
9. Please be advised that this drilling permit should be considered and treated as a preliminary permit. If you are in disagreement with this preliminary permit you have fourteen (14) days of the service date of this permit to petition the Department for reconsideration pursuant to Section 87-6243, Idaho Code.
10. The well tag for the drilling permit/start card shall be securely and permanently attached to the well casing through welding or by the use of four closed end domed stainless steel pop rivets. The tag attachment will be done at the time of completion of the well, and prior to removing the drill rig from the drill site.

SPECIFIC CONDITIONS:

1. This well must be constructed as designed. Any design changes must be approved by the project geologist, D.E. G. Water resources in Idaho falls before such changes are implemented.

Dennis M. Acuna
Signature of Authorized Department Representative

Title

Receipt No. EL29833 Received by OK Fee \$200⁰⁰ Date 5/17/04

EXTENSION OF DRILLING PERMIT

Extension approved by _____ Approval Date _____

This extension expires: _____

Close

IDAHO DEPARTMENT OF WATER RESOURCES
Water Permit Report

08/29/2004

WATER RIGHT NO. 22-13244

<u>Owner Type</u>	<u>Name and Address</u>
Current Owner	TETON VALLEY GOLF ASSN LP PO BOX 347 VICTOR, ID 83455 (208)539-5641
Security Interest	HOPKINS MORTGAGE FUND LLC PO BOX 670 MERIDIAN, ID 83680

Priority Date: 03/06/2002
Status: Active

<u>Source</u>	<u>Tributary</u>
GROUND WATER	

<u>Beneficial Use</u>	<u>From</u>	<u>To</u>	<u>Diversion Rate</u>	<u>Volume</u>
DOMESTIC	01/01	12/31	0.75 CFS	
FIRE PROTECTION	01/01	12/31	2.05 CFS	
Total Diversion			2.05 CFS	

Location of Point(s) of Diversion:

GROUND WATER	NENE	Sec. 35	Township 04N	Range 45E	TETON County
GROUND WATER	NWNE	Sec. 36	Township 04N	Range 45E	TETON County

DOMESTIC Use:

Number of homes: 384

Place(s) of use:

Place of Use Legal Description: DOMESTIC TETON County

Township	Range	Section	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres
04N	45E	35		NENE			NWNE			SWNE			SENE	
		36		NESE			SWNE			SWNW			SENE	
				NWNE			NWNW						SENE	
				NENW										
				NWSW										

Place of Use Legal Description: FIRE PROTECTION TETON County

Township	Range	Section	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres
04N	45E	35		NENE			NWNE			SWNE			SENE	
		36		NESE			SWNE			SWNW			SENE	
				NWNE			NWNW						SENE	
				NENW										
				NWSW										

Conditions of Approval:

1.	26A	Project construction shall commence within one year from the date of permit issuance and shall proceed diligently to completion unless it can be shown to the satisfaction of the Director of the Department of Water Resources that delays were due to circumstances over which permit holder had no control.
2.	046	Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.
3.	X01	Domestic use is for 384 homes.
4.	070	The irrigation occurring under this domestic use shall not exceed 1/2 acre within each platted subdivision lot upon which a home has been constructed. This right does not provide for irrigation of common areas or for irrigation of lots upon which homes have not been constructed.
5.	071	The domestic use authorized under this right shall not exceed 13,000 gallons per day per home.
6.	077	Water shall not be diverted for fire protection use under this right except to fight or repel an existing fire.
7.	01M	After specific notification by the Department, the right holder shall install a suitable measuring device or shall enter into an agreement with the Department to determine the amount of water diverted from power records and shall annually report the information to the Department.

Dates:

Proof Due Date: 09/01/2007

Proof Made Date:

Approved Date: 09/11/2002

Moratorium Expiration Date:

Enlargement Use Priority Date:

Enlargement Statute Priority Date:

Application Received Date: 06/12/2002

Protest Deadline Date: 07/22/2002

Number of Protests: 0

Field Exam Date:

Date Sent to State Off:

Date Received at State Off:

Other Information:

State or Federal:

Owner Name Connector:

Water District Number:

Generic Max Rate per Acre:

Generic Max Volume per Acre:

Swan Falls Trust or Nontrust:

Swan Falls Dismissed:

DLE Act Number:

Cary Act Number:

Mitigation Plan: False

Close

APPENDIX B

WELL DATA

Form 238-7
6/02IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Office Use Only			
Well ID No.			
Inspected by			
Twp	Rge	Sec	
1/4	1/4	1/4	
Lat:	:	Long:	:

1. WELL TAG NO. D D0032735
 DRILLING PERMIT NO. _____
 Water Right or Injection Well No. 22 13244

2. OWNER: Teton Reserve PAGE 1 of 2
 Name _____
 Address PO Box 347
 City Victor State ID Zip 83455

3. LOCATION OF WELL by legal description:

You must provide address or Lot, Blk, Sub. or Directions to well.

Twp. 4 North ☒ or South ☐
 Rge. 45 East ☒ or West ☐
 Sec. 35 1/4 N/E 1/4 N/E 1/4
 Gov'l Lot _____
 County _____
 Lat: _____ Long: _____
 Address of Well Site 11 East 600 South
 City Victor

(Given at least name of road - Distance to Road or Landmark)
 Lt. _____ Blk. _____ Sub. Name Teton Reserve

4. USE:

☐ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other domestic fire protection
public water (Replacement etc.)

5. TYPE OF WORK check all that apply

☒ New Well ☐ Modify ☐ Abandonment ☐ Other _____

6. DRILL METHOD:

☐ Air Rotary ☒ Cable ☒ Mud Rotary ☐ Other _____

7. SEALING PROCEDURES

Seal Material	From	To	Weight / Volume	Seal Placement Method
bentonite grout	0	102	2 1/2 yd	pumped

Was drive shoe used? ☒ ☐ N Shoe Depth(s) 299'

Was drive shoe seal tested? ☐ Y ☒ N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
16	+2	299	375	steel	☒	☐	☒	☐
	see page 2				☐	☐	☐	☐

Length of Headpipe 15' Length of Tailpipe 14'

Packer ☒ Y ☐ N Type figure K

9. PERFORATIONS/SCREENS PACKER TYPE

Perforation Method _____

Screen Type & Method of Installation Johnson 304 v wire

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
	see page 2					☐	☐
						☐	☐

10. FILTER PACK

Filter Material	From	To	Weight / Volume	Placement Method
XXX				

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

72 ft. below ground Artesian pressure _____ lb.
 Depth flow encountered _____ ft. Describe access port or control devices: _____

12. WELL TESTS:

Yield gal./min.	Drawdown	Pumping Level	Time
see attached			

Water Temp. _____ Bottom hole temp _____

Water Quality test or comments: _____

Depth first Water Encounter _____

13. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
20	0	3	topsoil & rocks		X
	3	110	pea gravel to boulders		X
16	110	125	cemented gravel	X	
	125	126	gravel	X	
	126	142	cemented gravel	X	
	142	148	clay		X
	148	155	gravel	X	
	155	156	clay		X
	156	205	cemented gravel	X	
	205	219	brown clay		X
	219	242	gravel	X	
	242	248	brown clay		X
	248	255	gravel	X	
	255	320	compacted gravel	X	
	320	345	pea gravel	X	
	345	376	gravel	X	
	376	382	clay		X
	382	397	gravel	X	
	397	400	clay		X
	400	420	pea gravel	X	
	420	427	gravel	X	
	427	428	clay		X
	428	475	gravel	X	
	475	484	clay		X
	484	500	gravel	X	
	500	504	clay		X

Completed Depth 504 (Measurable)

Date: Started 6/4/04 Completed 8/6/04

14. DRILLER'S CERTIFICATION

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

Company Name Stevens & Sons Firm No. 153

Principal Driller Ron Stevens Date 8/6/04

Driller or Operator II _____ Date _____

Operator I _____ Date _____

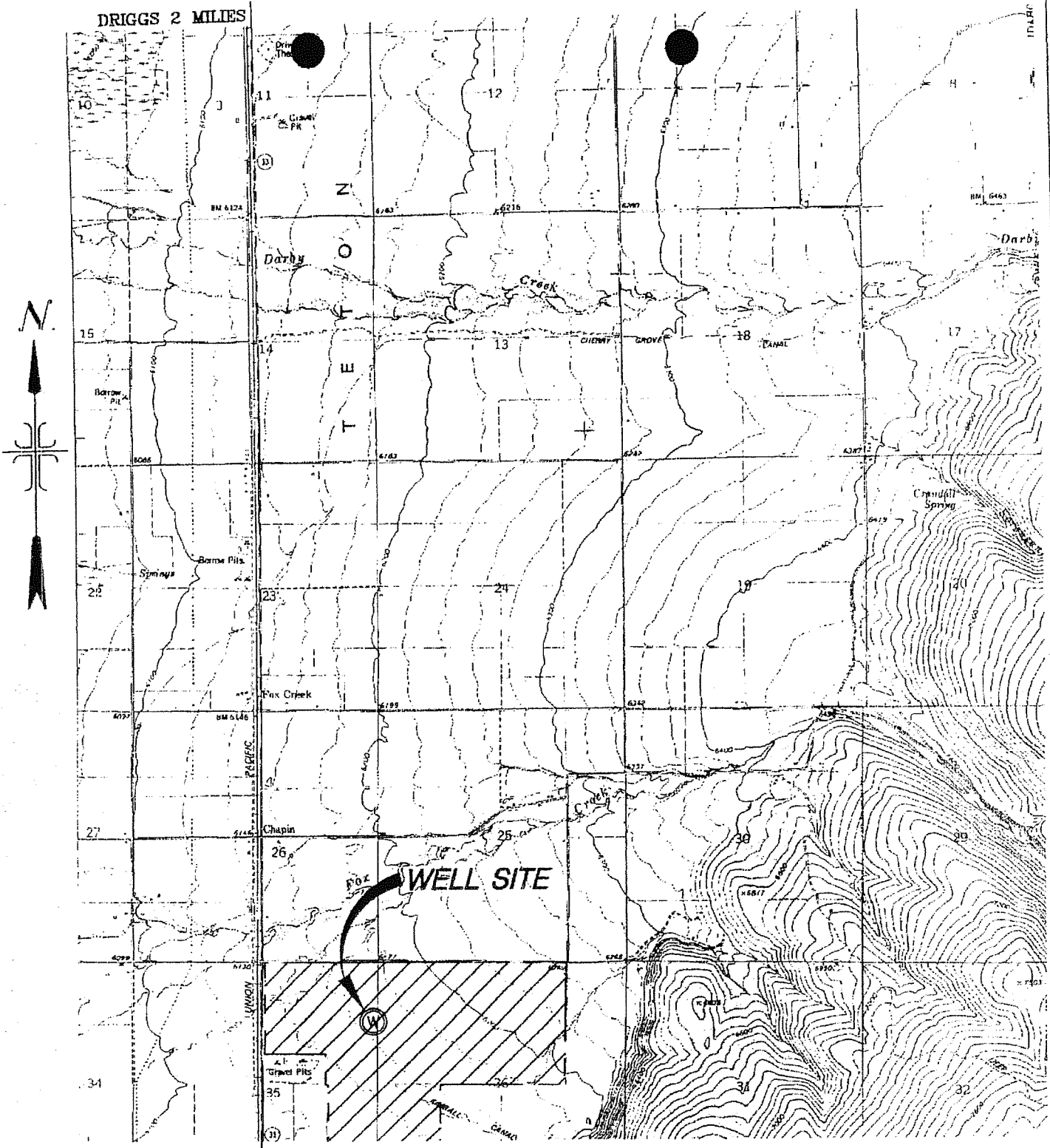
Principal Driller and Rig Operator Required

line 8 CASING

12"	from 235'	to 250'	.375	steel	liner	welded
12"	270'	280'	.375	"	"	"
12"	300'	314'	.375	"	"	"
12"	324'	330'	.375	"	"	"
12"	370'	380'	.375	"	"	"
12"	390'	405'	.375	"	"	"
1 2"	425'	442'	.375	"	"	"
1 2"	452'	475'	.375	"	"	"
12"	490'	504'	.375	"	"	"

line 9 SCREENS

1 2"	from 250'	to 270'	35 slot	stainless	liner
12"	280'	300'	40	"	"
12"	314'	324'	40	"	"
12"	330'	370'	40	"	"
12"	380'	390'	40	"	"
12"	405'	425'	40	"	"
12"	442'	452'	40	"	"
12"	475'	490'	40	"	"



SPF Water Engineering, LLC
water resource consultants

600 East River Park Lane, Suite 105, Boise, Idaho 83706

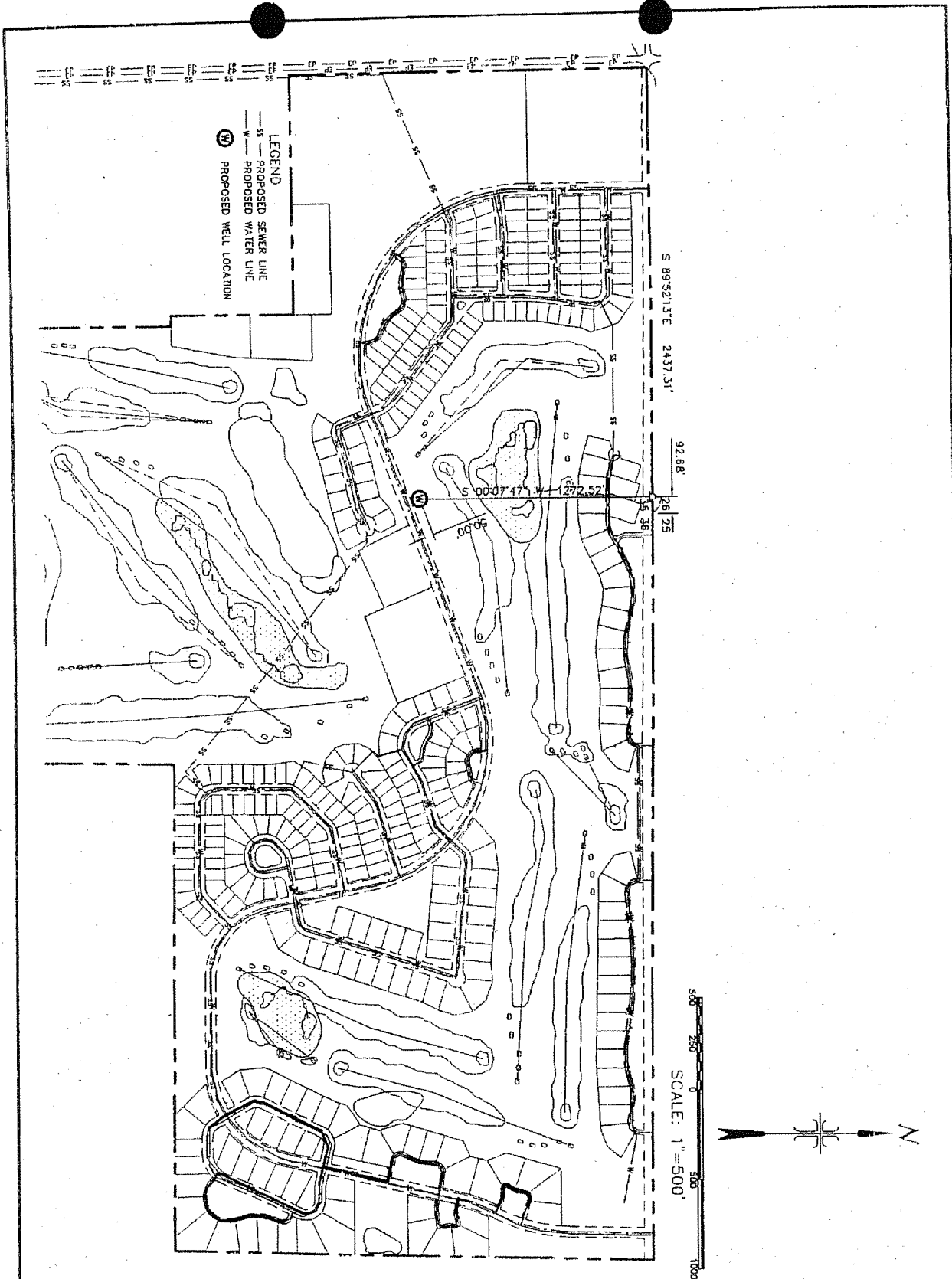
Tel (208) 383-4140 Fax (208) 383-4156

VICINITY MAP
WELL SITE
TETON RESERVE

SCALE: NTS

DRAWN BY: SDC

TETON WELL SP.dwg



DRAWING DIRECTORY	
ITEM	REVISIONS
	DESCRIPTION

DATE	BY	SCALE

WELL SITE PLAN
TETON RESERVE
WELL LOCATION IN SUBDIVISION
 LOCATED IN THE NE 1/4 OF THE NE 1/4 OF SECTION 33
 TOWNSHIP 4 NORTH RANGE 45 EAST, BOISE NATIONAL
 TETON COUNTY, IDAHO

OWNER/DEVELOPER
 TETON ROLF ASSOCIATION LP
 P.O. BOX 15007
 BOISE, IDAHO 83726
 (208) 484-7100

ENGINEER
 TERRY SCARLAW
 600 EAST RIVER PARK LANE, SUITE 105
 BOISE, IDAHO 83706
 PHONE: 208-303-4140

SPF Water Engineering, LLC
 WATER RESOURCE CONSULTANTS
 600 East River Park Lane, Suite 105, Boise, Idaho 83726
 Tel: (208) 383-4140 Fax: (208) 383-4150

STRATA



DATA INC.

NATURAL GAMMA POINT RESISTANCE S.P. LOG

FILE NO. 9306

COMPANY: STEVENS AND SONS WELL DRILLING

WELL: SPE WATER ENGINEERING
PUBLIC WATER SUPPLY NO.1

FIELD: TOWN OF VICTOR 11 E., 600 S.

COUNTY: TETON STATE: IDAHO

LOCATION:
NE/NE

OTHER LOGS:

SEC: 35 TWP: 4N RGE: 4SE

PERMANENT DATUM: GROUND LEVEL

ELEVATION: 6200+1

LOG MEASURED FROM: GROUND LEVEL

RUN NO.

ONE

DATE: 07/08/04

DRILLER:

BIT SIZE @ DEPTH 16" 0' - 504'

BIT SIZE @ DEPTH

CASING SIZE @ DEPTH 16" .375" WALL STEEL TO 298'

CASING SIZE @ DEPTH

LOGGER:

DEPTH 504'

CASING DEPTH 298'

BOT LOG INTERVAL 504'

TOP LOG INTERVAL 0'

TYPE FLUID IN HOLE GEL MUD

Rm @ TEMP N/A

SAMPLE SOURCE: N/A

FLUID LEVEL 58'

TIME SINCE CIRC. N/A

RECORDED BY: McDonald

WITNESSED BY: Mr. Stevens

LOGGING DATA

LOG FUNCTION	RUN NO.	EQUIPMENT			LOGGING		DETECTOR TYPE	SPACING		SOURCE		LOGGED INTERVAL		
		MODEL	PROBE S.N.	UPHOLE S.N.	DIG INT FEET	SPEED FT./MIN		Tx-Rx FEET	Rx-Rx FEET	TYPE	SIZE CURIE	FROM	TO	INT. FEET
Gamma	One	CGC	9055	CL3	0.1	20	1"X4" Sent	N/A	N/A	N/A	N/A	504'	0'	504'
Pt.Res	One	CGC	9055	CL3	0.1	20	N/A	N/A	N/A	N/A	N/A	504'	298'	206'
S.P.	One	CGC	9055	CL3	0.1	20	N/A	N/A	N/A	N/A	N/A	504'	298'	206'

CALIBRATION FACTOR(S): Downhole and shop calibration.

DIGITAL FILE NAME(S): MCI.LOG

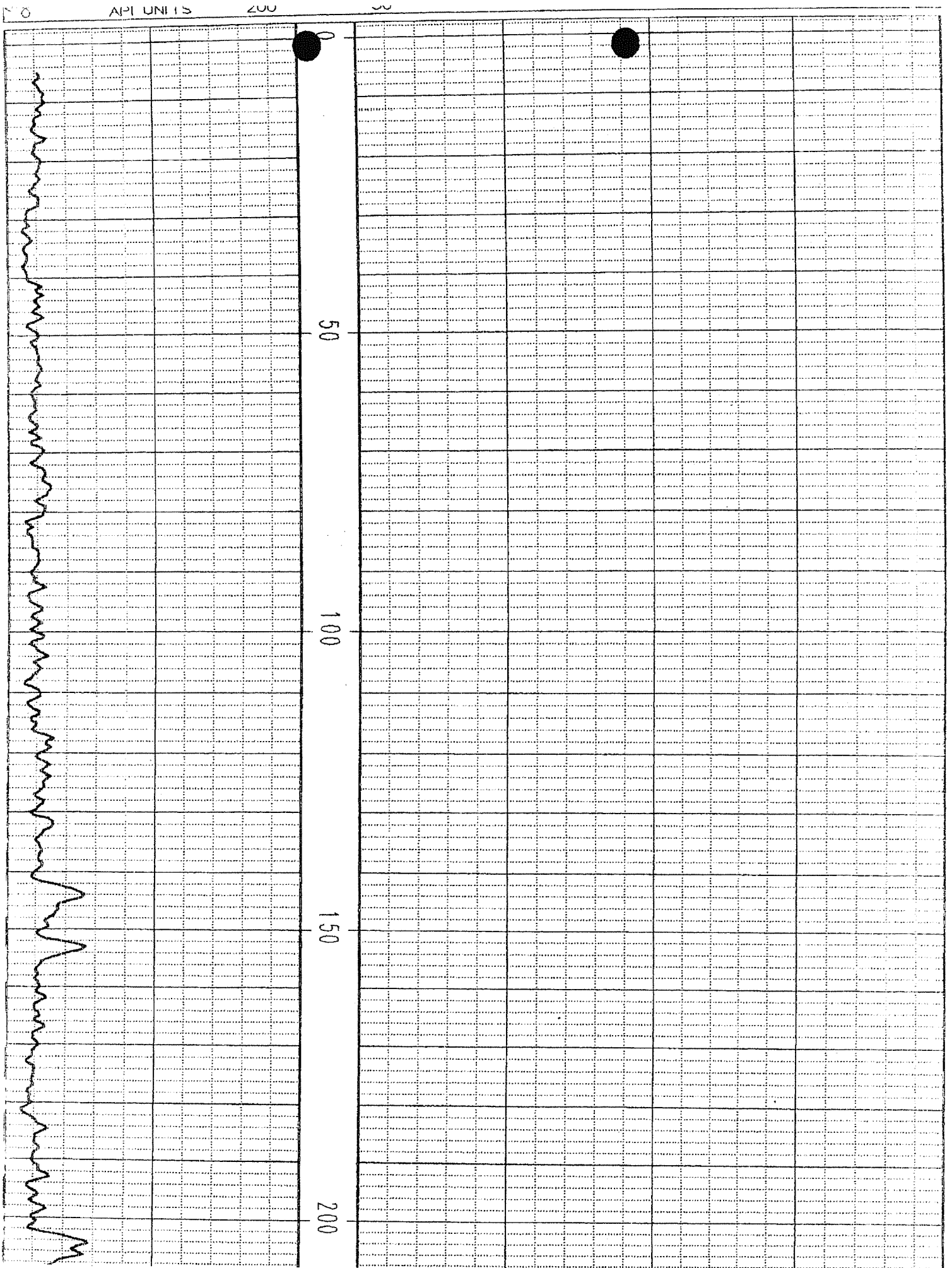
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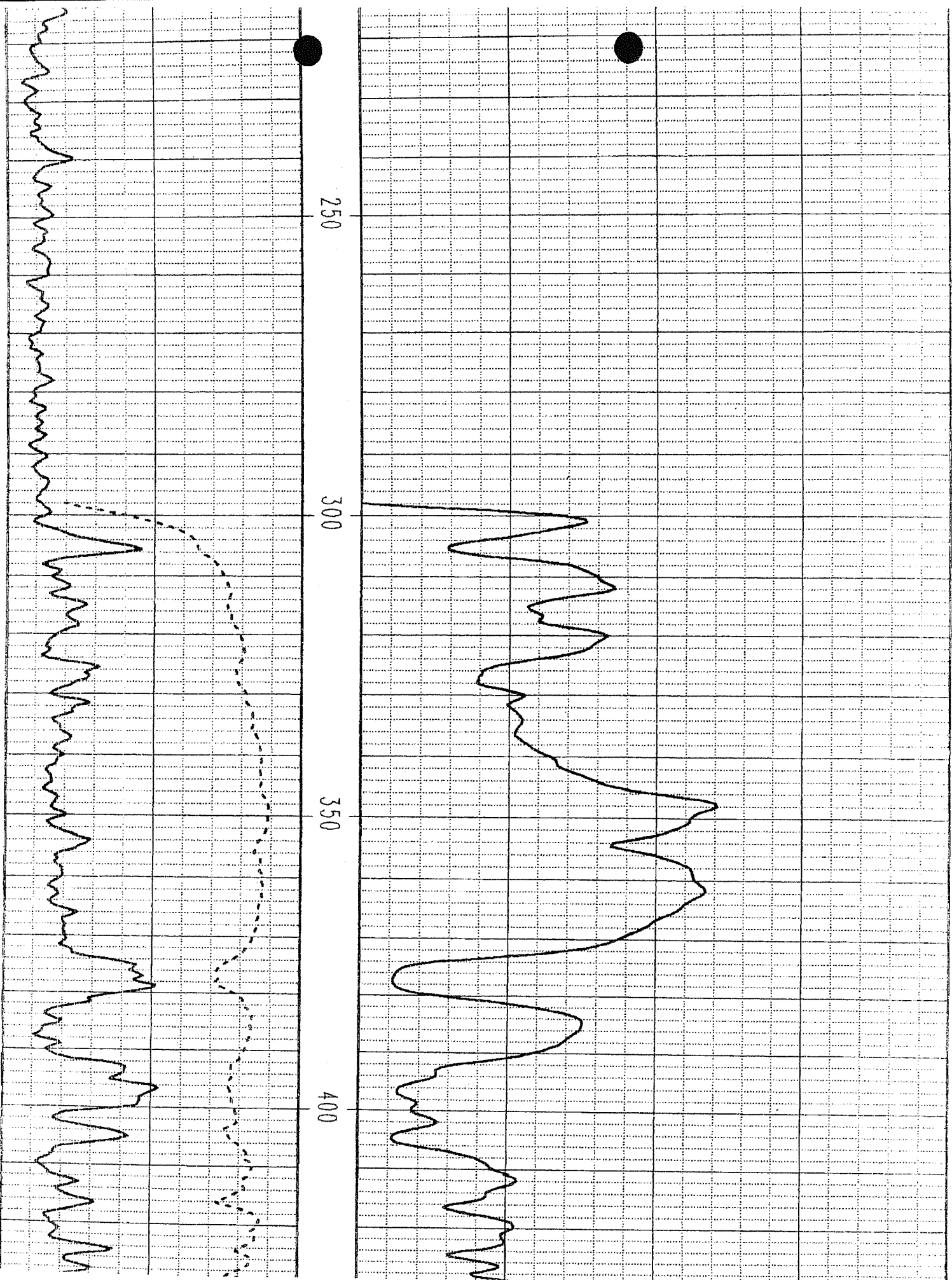
CGC COMPULOG III S/N 77 VER 8.48

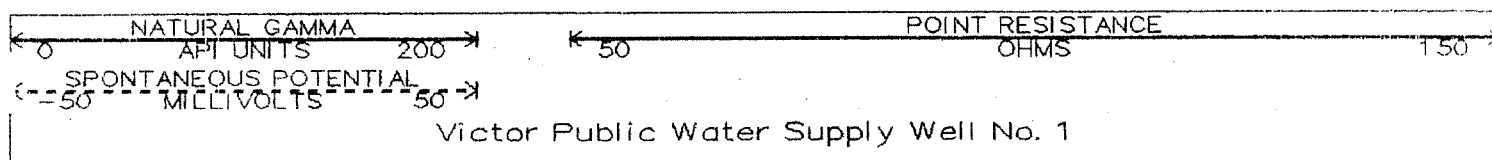
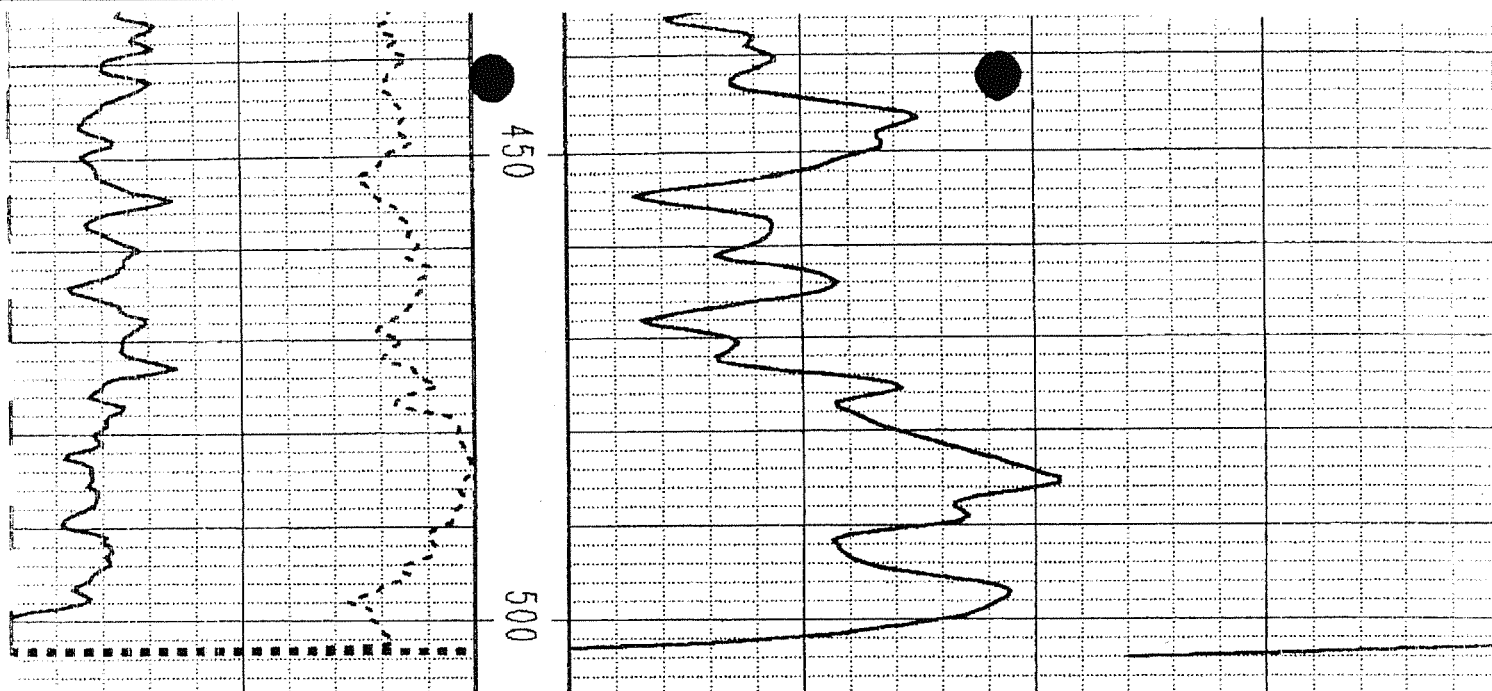
Gamma calibrated with 120 API Standard.

Victor Public Water Supply Well No. 1

K - SPONTANEOUS POTENTIAL - K

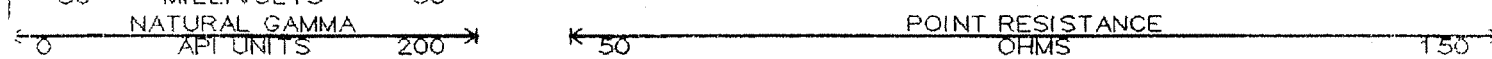
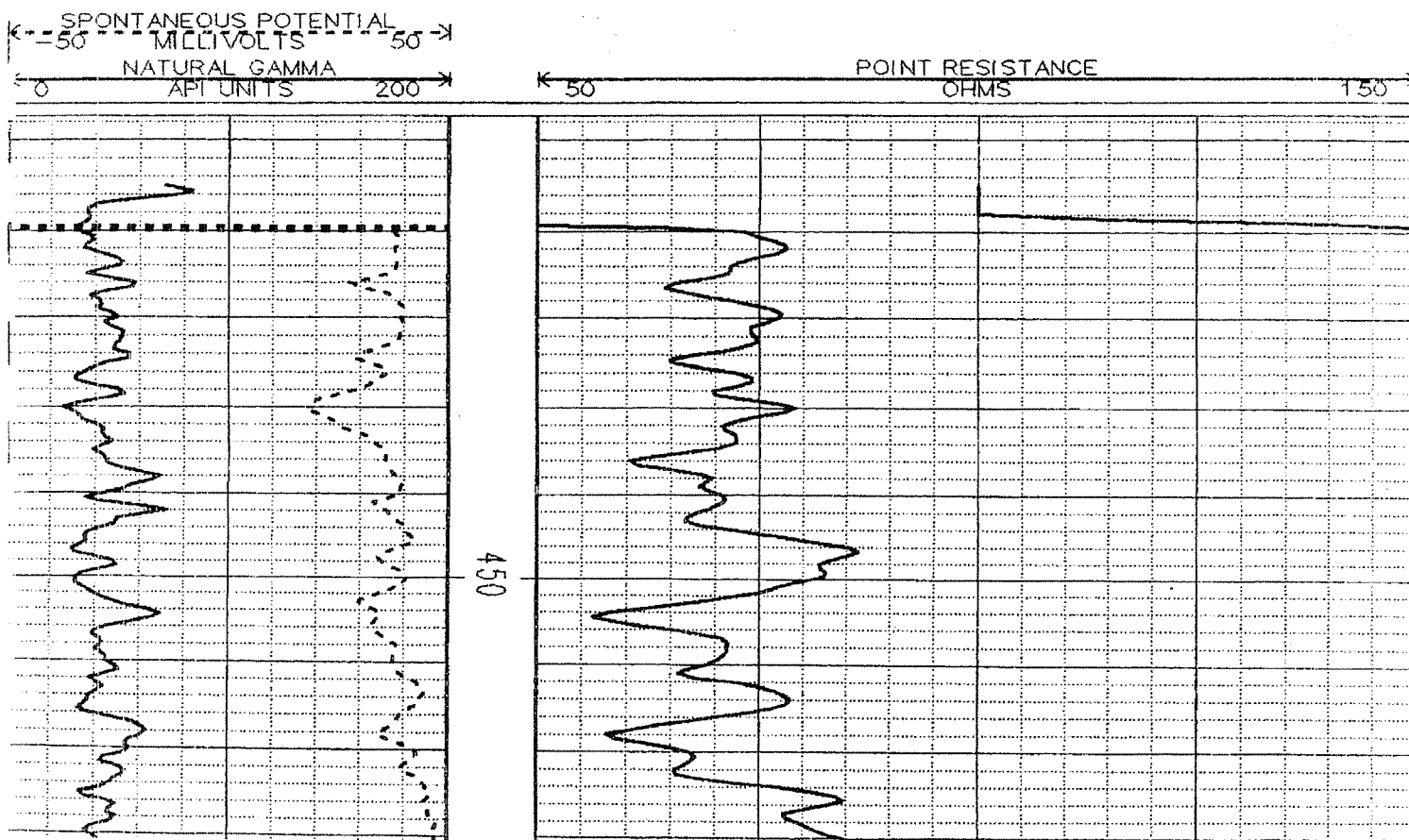


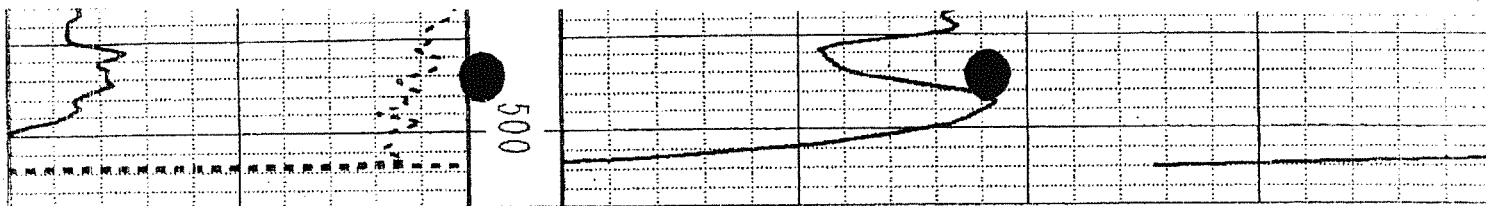




REPEAT SECTION

Victor Public Water Supply Well No. 1





NATURAL GAMMA
 API UNITS
 0 200
 SPONTANEOUS POTENTIAL
 MILLIVOLTS
 -50 50
 POINT RESISTANCE
 OHMS
 50 150

Victor Public Water Supply Well No. 1

COMPANY	STEVENS AND SONS WELL DRILLING	DRILLER T.D.	504'
WELL	SPF WATER ENGINEERING PUBLIC WATER SUPPLY NO.1	LOG F.R.	504'
AREA	TOWN OF VICTOR 11 E., 600S.	LOG T.D.	504'
COUNTY	TETON	ELEVATIONS:	
STATE	IDAHO	G.L.	6200+' K.B. 5' AGL

APPENDIX C

TEST PUMPING DATA

TETON RESERVE WELL NO. 1
CONSTANT-RATE PUMPING TEST 7/28-29/2004

Measuring point 3' above ground
8" x 10" orifice and electric line well sounder
diesel-drive line shaft turbine pump

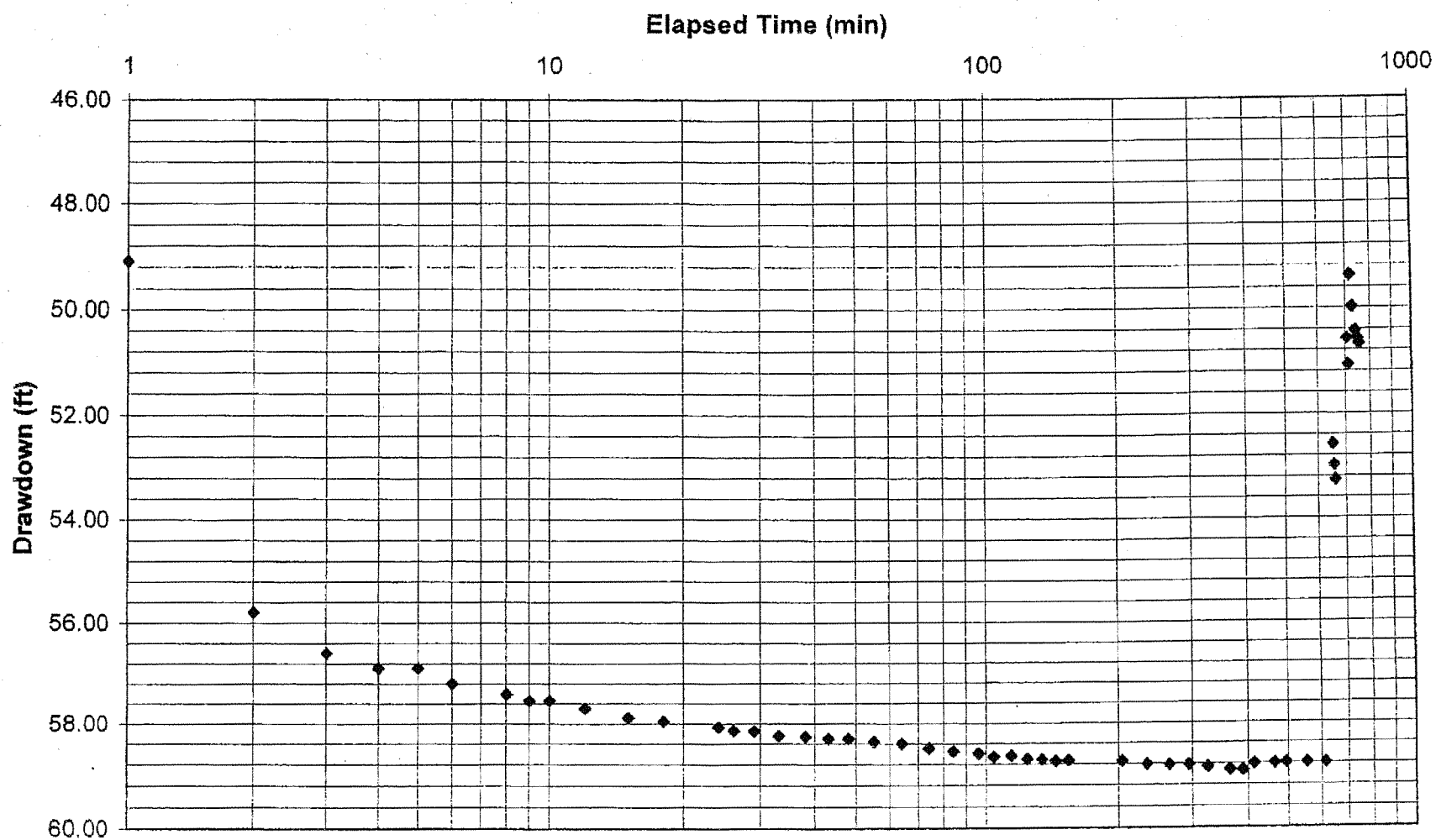
New Well Time	Elapsed Time (minutes)	Depth to Water (feet)	Draw-down (feet)	Pumping Rate (gpm)	Irrigation Well Depth to Water (feet)	Remarks
18:10						
18:16	0	77.21	0.00	1500	63.26	
18:17	1	126.30	49.09	1500		
18:18	2	133.00	55.79	1500		
18:19	3	133.80	56.59	1500		
18:20	4	134.10	56.89	1500		
18:21	5	134.10	56.89	1500		
18:22	6	134.41	57.20	1500		
18:24	8	134.62	57.41	1500		
18:25	9	134.75	57.54	1500		
18:26	10	134.75	57.54	1500		
18:28	12	134.91	57.70	1500		clear; no sand; EC=307
18:31	15	135.09	57.88	1500		25" on manometer
18:34	18	135.16	57.95	1500		
18:37	21			1500	63.83	
18:40	24	135.28	58.07	1500		
18:42	26	135.35	58.14	1500		EC = 197, SC = 277, T = 9.8°C
18:45	29	135.36	58.15	1500		
18:49	33	135.45	58.24	1500		
18:51	35			1500	63.87	
18:54	38	135.47	58.26	1500		SC = 265, T = 9.8°C
18:59	43	135.51	58.30	1500		
19:04	48	135.51	58.30	1500		
19:08	52			1500	63.84	
19:11	55	135.57	58.36	1500		
19:20	64	135.61	58.40	1500		
19:30	74	135.70	58.49	1500		
19:40	84	135.76	58.55	1500		
19:52	96	135.80	58.59	1500		
20:00	104	135.87	58.66	1500		
20:10	114	135.85	58.64	1500		SC = 273, T = 9.8 ± 25"
20:15	119			1500	64.02	
20:20	124	135.91	58.70	1500		
20:30	134	135.92	58.71	1500		
20:40	144	135.95	58.74	1500		
20:50	154	135.94	58.73	1500		
20:55	159			1500	64.06	
21:40	204	135.96	58.75	1500		25" on manometer
22:10	234	136.02	58.81	1500		
22:15	239			1500	64.13	
22:40	264	136.03	58.82	1500		
23:10	294	136.03	58.82	1500		
23:40	324	136.07	58.86	1500		
23:45	329			1500	64.15	
0:20	364	136.13	58.92	1500		
0:45	389	136.14	58.93	1500		
1:10	414	136.02	58.81	1500		
2:00	464	136.01	58.80	1500		
2:05	469			1500	64.16	
2:30	494	136.00	58.79	1500		
3:30	554	136.00	58.79	1500		
4:30	614	136.00	58.79	1500		
5:00	644			1500		engine quit; restart after 2 minutes
5:05	649	129.80	52.59	1500		25" on manometer
5:10	654	130.20	52.99	1500		

Time	Elapsed Time (minutes)	Depth to Water (feet)	Draw-down (feet)	Pumping Rate (gpm)	Well Depth to Water (feet)	Remarks
5:15	659	130.48	53.27	1500		Took sand sample at 5:15
6:00	704			1500		off 2 min
6:02	706	127.80	50.59	1500		25" on manometer
6:06	710	128.30	51.09	1500		
6:09	713			1500		off one min
6:13	717	126.60	49.39	1500		
6:16	720			1500		246/9.5/173 pH = 7.70
6:22	726	127.20	49.99	1500		
6:30	734			1500		collected sample
6:35	739	127.65	50.44	1500		
6:40	744			1500	64.24	
6:44	748	127.80	50.59	1500		
6:50	754	127.90	50.69	1500		off

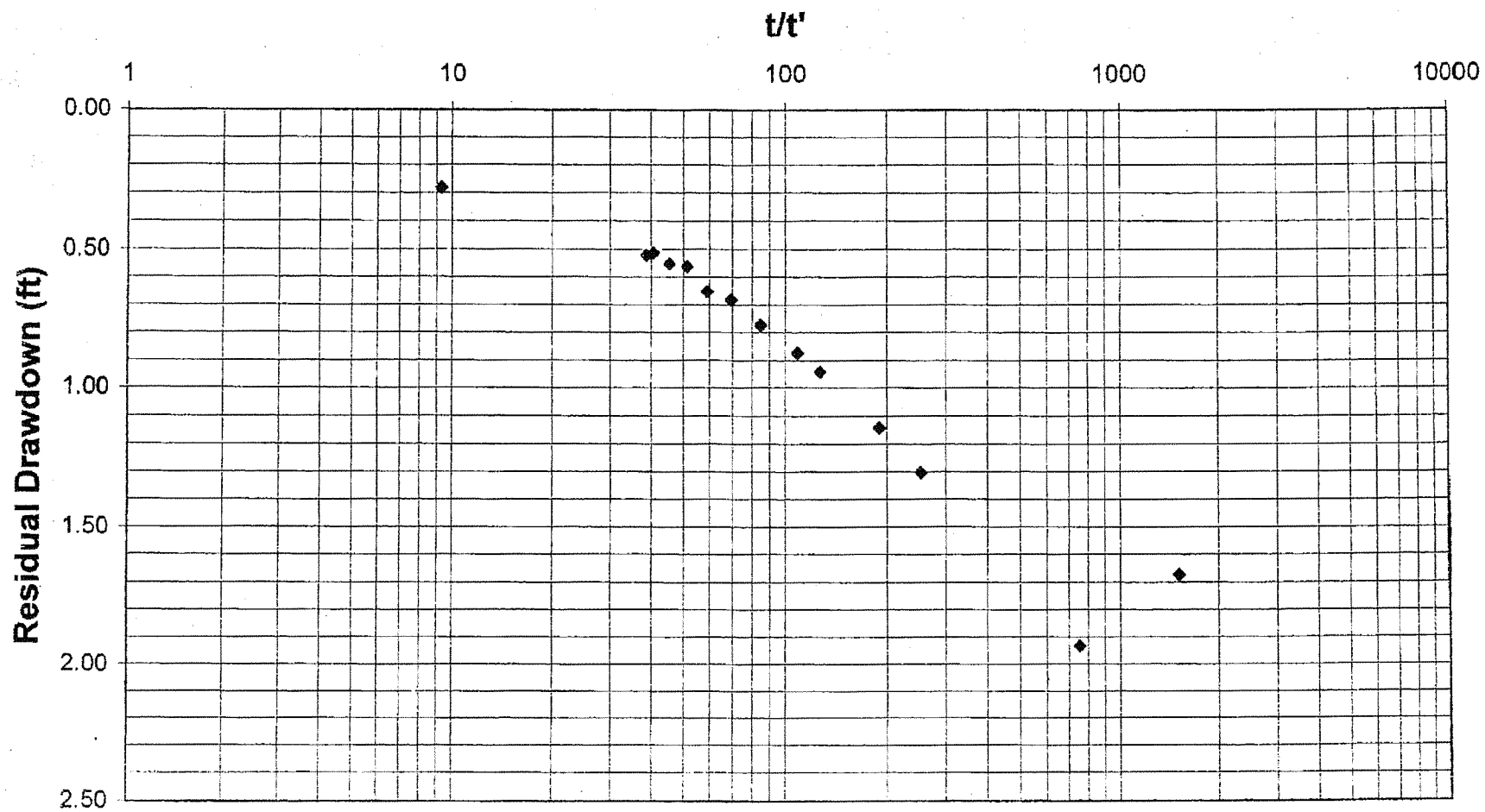
RECOVERY TEST 7/29/04

Time	t	t'	t/t'	Depth to Water (feet)	Residual Drawdown (feet)	
6:50	755	0	1509	78.88	1.67	Start Recovery
6:51	755	1	755	79.14	1.93	
6:53	757	3	252	78.51	1.30	
6:54	758	4	190	78.35	1.14	
6:56	760	6	127	78.15	0.94	
6:57	761	7	109	78.08	0.87	
6:59	763	9	85	77.98	0.77	
7:01	765	11	70	77.89	0.68	
7:03	767	13	59	77.86	0.65	
7:05	769	15	51	77.77	0.56	
7:07	771	17	45	77.76	0.55	
7:09	773	19	41	77.72	0.51	
7:10	774	20	39	77.73	0.52	
8:21	845	91	9	77.49	0.28	

Teton Reserve Well No. 1 Constant Rate Test 07/28-29/2004



Teton Reserve Well No. 1 07/29/2004
Constant Rate Recovery Test



TETON RESERVE WELL NO. 1
STEP-RATE PUMPING TEST 7/28/2004

Measuring point 3' above ground
 8" x 10" orifice and electric line well sounder
 diesel-drive line shaft turbine pump

New Well Time	Elapsed Time (minutes)	Depth to Water (feet)	Draw- down (feet)	Pumping Rate (gpm)	Specific Capacity (gpm/ft)	Remarks
1:00	0	77.25	0.00	0		
1:02	2	102.25	25.00	879	35.16	
1:03	3	102.50	25.25	879	34.81	
1:04	4	102.63	25.38	879	34.64	
1:05	5	102.67	25.42	879	34.58	
1:10	10	102.81	25.56	879	34.39	
1:15	15	102.92	25.67	879	34.25	
1:20	20	102.92	25.67	879	34.25	
1:25	25	102.92	25.67	879	34.25	
1:30	30	102.92	25.67	879	34.25	
1:32	32	111.46	34.21	1065	31.13	
1:33	33	111.60	34.35	1065	31.00	
1:34	34	111.67	34.42	1065	30.94	
1:35	35	111.69	34.44	1065	30.93	
1:40	40	111.81	34.56	1065	30.81	
1:45	45	111.83	34.58	1065	30.80	
1:50	50	111.88	34.63	1065	30.76	
1:55	55	111.88	34.63	1065	30.76	
2:00	60	111.88	34.63	1065	30.76	
2:02	62	126.50	49.25	1348	27.37	
2:03	63	126.69	49.44	1348	27.27	
2:04	64	126.69	49.44	1348	27.27	
2:05	65	126.88	49.63	1348	27.16	
2:10	70	126.88	49.63	1348	27.16	
2:15	75	126.88	49.63	1348	27.16	
2:20	80	127.02	49.77	1348	27.08	
2:25	85	127.04	49.79	1348	27.07	
2:30	90	127.10	49.85	1348	27.04	
2:32	92	133.50	56.25	1551	27.57	
2:33	93	133.60	56.35	1551	27.52	
2:34	94	133.73	56.48	1551	27.46	
2:35	95	133.79	56.54	1551	27.43	
2:40	100	145.25	68.00	1507	22.16	
2:42	102	147.17	69.92	1507	21.55	
2:43	103	147.92	70.67	1507	21.33	
2:44	104	148.67	71.42	1507	21.10	
2:45	105	149.25	72.00	1507	20.93	
2:46	106	149.63	72.38	1507	20.82	
2:47	107	149.92	72.67	1507	20.74	
2:48	108	150.25	73.00	1507	20.64	
2:49	109	150.54	73.29	1507	20.56	
2:50	110	150.79	73.54	1507	20.49	
2:55	115	151.92	74.67	1476	19.77	
3:00	120	152.90	75.65	1476	19.51	
3:05	125	154.19	76.94	1476	19.18	
3:10	1570	154.67	77.42	1461	18.87	
3:15	1575	155.00	77.75	1461	18.79	
3:20	1580	155.46	78.21	1461	18.68	
3:25	1585	155.65	78.40	1461	18.64	
3:30	1590	155.88	78.63	1461	18.58	
3:35	1595	156.29	79.04	1461	18.48	
3:36	1596	80.00	2.75	0	0.00	
3:37	1597	79.08	1.83	0	0.00	
3:38	1598	78.63	1.38	0	0.00	
3:39	1599	78.31	1.06	0	0.00	
3:40	1600	78.17	0.92	0	0.00	

TETON RESERVE WELL NO. 1
STEP-RATE PUMPING TEST 7/29/2004

Measuring point 3' above ground
 8" x 10" orifice and electric line well sounder
 diesel-drive line shaft turbine pump

New Well Time	Elapsed Time (minutes)	Depth to Water (feet)	Draw- down (feet)	Pumping Rate (gpm)	Specific Capacity (gpm/ft)	Remarks
8:21		77.49				
8:44	0			1500		Restart @ 1500 gpm 25 1/2"
8:47	3	125.02	47.53	1500	31.56	
8:50	6	125.74	48.25	1500	31.09	
8:54	10	126.12	48.63	1500	30.85	
8:59	15	126.4	48.91	1500	30.67	Rate up 36"
9:02	18	139.3	61.81	1800	29.12	1800 gpm
9:05	21	140.35	62.86	1800	28.64	
9:09	25	140.55	63.06	1783	28.27	35" 1783
9:12	28			1783		clear, trace v.f. sand
9:13	29	140.82	63.33	1783	28.15	
9:17	33			1783		cloudy, v.f. sand
9:18	34	140.5	63.01	1783	28.30	
9:20	36	140.17	62.68	1783	28.45	
9:24	40	139.5	62.01	1783	28.75	lots of color f. sand
9:32	48	139.05	61.56	1783	28.96	
9:36	52			1783		clearing, trace f. sand
9:37	53	139.1	61.61	1783	28.94	35"
9:45	61	139.2	61.71	1783	28.89	trace f. sand
9:46	62			2100		increase rate to 2100
9:48	64	155	77.51	2100	27.09	49" cloudy
9:53	69	185	107.51	1976	18.38	clear 43: 1976 gpm
9:55	71			1976		clear no sand
9:56	72	194.5	117.01	1933	16.52	41 1/2" 1941 gpm
9:58	74	197.5	120.01	1933	16.11	clear no sand
9:59	75					back flush
10:07	83					pumping
10:09	85	118	40.51	1623	40.06	29" 1623
10:12	88	118.9	41.41	1587	38.32	28" clear trace sand
10:18	94	119.5	42.01	1587	37.78	28" clear; trace v.f. sand
10:20	96			2100		49" 2100
10:22	98	144	66.51	2078	31.24	48"
10:24	100					steadily falling; losing flow
10:29	105	183	105.51	1921	18.21	41" 1900
10:30	106	184.8	107.31	1921	17.90	clear; no sand
10:36	112	188.45	110.96	1921	17.31	clear; no sand - off due to flooding
10:57	133	78				
10:58	134			1500		restart @ 1500 gpm
11:00	136	121	43.51	1536	35.30	
11:04	140	124.2	46.71	1536	32.88	26" 1536
11:11	147	124.75	47.26	1536	32.50	26"
11:21	157	125.02	47.53	1536	32.32	
11:29	165	125.15	47.66	1536	32.23	26" clear trace v.f. sand
11:30	166			0		off

APPENDIX D

WATER QUALITY REPORTS



Analytical Laboratories, Inc.

1804 N. 33rd Street
Boise, Idaho 83703
Phone (208) 342-5515

Attn: TERRY SCANLAN, P.E., P.G.
S P F WATER ENGINEERING, LLC
600 E RIVER PARK LN STE 105
BOISE, ID 83706

Collected By: T SCANLAN

Submitted By: T SCANLAN

Source of Sample:

TETON RESERVE WELL #1

Time of Collection: 6:15

Date of Collection: 7/29/2004

Date Received: 7/29/2004

Report Date: 8/18/2004

PWS:

Laboratory Analysis Report

Sample Number: 0425135

FIELD DATA: PH=7.70, TEMP = 9.8 DEGREES C SPEC CONDUCTANCE=246us

Test Requested	MCL	Analysis Result	Units	MDL	Method	Date Completed	Analyst
Antimony Furnace	0.006	<0.005	mg/L	0.005	SM 3113 B	8/4/2004	DMB
Arsenic Furnace	0.05	<0.005	mg/L	0.005	SM 3113 B	8/6/2004	DMB
Barium, Ba	2	<0.05	mg/L	0.05	EPA 200.7	8/3/2004	JH
Beryllium Furnace	0.004	<0.0005	mg/L	0.0005	SM 3113 B	8/5/2004	DMB
Cadmium Furnace	0.005	<0.0005	mg/L	0.0005	SM 3113 B	8/5/2004	DMB
Chromium Furnace	0.1	<0.002	mg/L	0.002	SM 3113 B	8/4/2004	DMB
Aluminum, Al	UR	<0.10	mg/L	0.10	EPA 200.7	8/9/2004	JH
Calcium, Ca	UR	42.9	mg/L	0.10	EPA 200.7	8/3/2004	JH
Iron, Fe	UR	<0.05	mg/L	0.05	EPA 200.7	8/2/2004	JH
Magnesium, Mg	UR	16.1	mg/L	0.10	EPA 200.7	8/3/2004	JH
Manganese, Mn	UR	<0.05	mg/L	0.05	EPA 200.7	8/2/2004	JH
Potassium, K	UR	0.9	mg/L	0.5	EPA 200.7	8/3/2004	JH
Zinc, Zn	UR	<0.005	mg/L	0.005	EPA 200.7	8/3/2004	JH
Copper, Cu	UR	<0.01	mg/L	0.01	EPA 200.7	8/3/2004	JH
Lead Furnace		<0.005	mg/L	0.005	SM 3113 B	8/3/2004	DMB
Mercury, Hg	0.002	<0.0002	mg/L	0.0002	EPA 245.1	8/5/2004	KC

MCL = Maximum Contamination Level
MDL = Method/Minimum Detection Limit
UR = Unregulated

Laboratory Analysis Report

Sample Number: 0425135

FIELD DATA: PH=7.70, TEMP = 9.8 DEGREES C SPEC CONDUCTANCE=246us

Test Requested	MCL	Analysis Result	Units	MDL	Method	Date Completed	Analyst
Nickel, Ni	UR	<0.02	mg/L	0.02	EPA 200.7	8/3/2004	JH
Selenium Furnace	0.05	<0.005	mg/L	0.005	SM 3113 B	8/6/2004	DMB
Sodium, Na	UR	1.84	mg/L	0.10	EPA 200.7	8/3/2004	JH
Thallium Furnace	0.002	<0.002	mg/L	0.002	EPA 200.9	8/4/2004	DMB
Calcium Hardness	UR	110	mg/L	0.25	EPA 200.7	8/9/2004	JH
Corrosivity	UR	-0.25			Langelier	8/10/2004	WW
Moderately aggressive.							
Ammonia Direct (as N)	UR	<0.04	mg/L	0.04	EPA 350.1	8/4/2004	WW
Nitrate (as N)	10	0.3	mg/L	0.2	EPA 300.0	7/30/2004	WW
Nitrite (as N)	1.00	<0.01	mg/L	0.01	EPA 353.2	7/30/2004	ARR
Ethylene Dibromide	0.05	<0.02	ug/L	0.02	EPA 504	8/6/2004	KWH
1,2-Dibromo-3-chloropropane	0.20	<0.02	ug/L	0.02	EPA 504	8/6/2004	KWH
Bis(2-ethylhexyl)adipate	400	<0.50	ug/L	0.5	EPA 506	8/4/2004	CAY
Bis(2-ethylhexyl)phthalate	6.00	<0.91	ug/L	0.91	EPA 506	8/4/2004	CAY
Alachlor	2.00	<0.50	ug/L	0.5	EPA 508.1	8/5/2004	KWH
Aldrin	UR	<0.02	ug/L	0.02	EPA 508.1	8/5/2004	KWH
Atrazine	3.00	<0.14	ug/L	0.14	EPA 508.1	8/5/2004	KWH
Butachlor	UR	<0.40	ug/L	0.4	EPA 508.1	8/5/2004	KWH
gamma-BHC (Lindane)	0.20	<0.02	ug/L	0.02	EPA 508.1	8/5/2004	KWH
Dieldrin	UR	<0.02	ug/L	0.02	EPA 508.1	8/5/2004	KWH
Endrin	0.20	<0.01	ug/L	0.01	EPA 508.1	8/5/2004	KWH
Heptachlor	0.40	<0.04	ug/L	0.04	EPA 508.1	8/5/2004	KWH
Heptachlor epoxide	0.20	<0.02	ug/L	0.02	EPA 508.1	8/5/2004	KWH
Hexachlorobenzene	1.00	<0.10	ug/L	0.1	EPA 508.1	8/5/2004	KWH
Hexachlorocyclopentadiene	50.0	<0.10	ug/L	0.1	EPA 508.1	8/5/2004	KWH
Metribuzin	UR	<0.40	ug/L	0.4	EPA 508.1	8/5/2004	KWH
Methoxychlor	40.0	<0.10	ug/L	0.1	EPA 508.1	8/5/2004	KWH
Metolachlor	UR	<0.40	ug/L	0.4	EPA 508.1	8/5/2004	KWH
Propachlor	UR	<0.05	ug/L	0.05	EPA 508.1	8/5/2004	KWH
Simazine	4.00	<0.07	ug/L	0.07	EPA 508.1	8/5/2004	KWH
Chlordane(Total)	2.00	<0.02	ug/L	0.02	EPA 508.1	8/5/2004	KWH

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Laboratory Analysis Report

Sample Number: 0425135

FIELD DATA: PH=7.70, TEMP = 9.8 DEGREES C SPEC CONDUCTANCE=246us

Test Requested	MCL	Analysis Result	Units	MDL	Method	Date Completed	Analyst
Toxaphene	3.00	<1.00	ug/L	1	EPA 508.1	8/5/2004	KWH
Total PCB	0.50	<0.10	ug/L	0.1	EPA 508.1	8/5/2004	KWH
Dalapon	200	<0.11	ug/L	0.11	EPA 515.1	8/10/2004	KWH
Dicamba	UR	<0.20	ug/L	0.2	EPA 515.1	8/10/2004	KWH
2,4-Dichlorophenoxyacetic acid (2,4-D)	70.0	<0.14	ug/L	0.14	EPA 515.1	8/10/2004	KWH
Dinoseb	7.0	<0.20	ug/L	0.2	EPA 515.1	8/10/2004	KWH
Pentachlorophenol	1.00	<0.05	ug/L	0.05	EPA 515.1	8/10/2004	KWH
Picloram	500	<0.17	ug/L	0.17	EPA 515.1	8/10/2004	KWH
Silvex (	50.0	<0.04	ug/L	0.04	EPA 515.1	8/10/2004	KWH
Aldicarb	6.0	<2.0	ug/L	2	EPA 531.1	8/4/2004	KWH
Aldicarb sulfone	6.0	<2.0	ug/L	2	EPA 531.1	8/4/2004	KWH
Aldicarb sulfoxide	6.0	<2.0	ug/L	2	EPA 531.1	8/4/2004	KWH
Carbaryl	UR	<2.0	ug/L	2	EPA 531.1	8/4/2004	KWH
Carbofuran	40.0	<0.2	ug/L	0.2	EPA 531.1	8/4/2004	KWH
3-Hydroxycarbofuran	UR	<1.5	ug/L	1.5	EPA 531.1	8/4/2004	KWH
Methomyl	UR	<2.0	ug/L	2	EPA 531.1	8/4/2004	KWH
Oxamyl	200	<0.4	ug/L	0.4	EPA 531.1	8/4/2004	KWH
Glyphosate	700	<9.2	ug/L	9.2	EPA 547	8/3/2004	KWH
Endothall	100	<7.6	ug/L	7.6	EPA 548.1	8/4/2004	CAY
Diquat	20.0	<0.6	ug/L	0.6	EPA 549.2	8/5/2004	KWH
Benzo(a)pyrene	0.20	<0.03	ug/L	0.03	EPA 550.1	8/10/2004	KWH
Benzene	5	<0.5	ug/L	0.03	EPA 524.2	8/11/2004	CBO
Carbon tetrachloride	5	<0.5	ug/L	0.01	EPA 524.2	8/11/2004	CBO
Chlorobenzene	100	<0.5	ug/L	0.02	EPA 524.2	8/11/2004	CBO
1,2-Dichlorobenzene	600	<0.5	ug/L	0.03	EPA 524.2	8/11/2004	CBO
1,4-Dichlorobenzene	75	<0.5	ug/L	0.03	EPA 524.2	8/11/2004	CBO
1,2-Dichloroethane	5	<0.5	ug/L	0.02	EPA 524.2	8/11/2004	CBO
1,1-Dichloroethene	7	<0.5	ug/L	0.07	EPA 524.2	8/11/2004	CBO
cis-1,2-Dichloroethene	70	<0.5	ug/L	0.01	EPA 524.2	8/11/2004	CBO
trans-1,2-Dichloroethene	100	<0.5	ug/L	0.07	EPA 524.2	8/11/2004	CBO
1,2-Dichloropropane	5	<0.5	ug/L	0.01	EPA 524.2	8/11/2004	CBO

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Laboratory Analysis Report

Sample Number: 0425135

FIELD DATA: PH=7.70, TEMP = 9.8 DEGREES C SPEC CONDUCTANCE=246us

Test Requested	MCL	Analysis Result	Units	MDL	Method	Date Completed	Analyst
Ethylbenzene	700	<0.5	ug/L	0.05	EPA 524.2	8/11/2004	CBO
Styrene	100	<0.5	ug/L	0.02	EPA 524.2	8/11/2004	CBO
Tetrachloroethene	5	<0.5	ug/L	0.03	EPA 524.2	8/11/2004	CBO
Toluene	1000	<0.5	ug/L	0.05	EPA 524.2	8/11/2004	CBO
1,2,4-Trichlorobenzene	70	<0.5	ug/L	0.02	EPA 524.2	8/11/2004	CBO
1,1,1-Trichloroethane	200	<0.5	ug/L	0.02	EPA 524.2	8/11/2004	CBO
1,1,2-Trichloroethane	200	<0.5	ug/L	0.04	EPA 524.2	8/11/2004	CBO
Trichloroethene	5	<0.5	ug/L	0.01	EPA 524.2	8/11/2004	CBO
Vinyl chloride	2	<0.5	ug/L	0.03	EPA 524.2	8/11/2004	CBO
Bromodichloromethane	----	<0.5	ug/L	0.02	EPA 524.2	8/11/2004	CBO
Bromoform	----	<0.5	ug/L	0.4	EPA 524.2	8/11/2004	CBO
Chloroform	----	<0.5	ug/L	0.02	EPA 524.2	8/11/2004	CBO
Dibromochloromethane	----	<0.5	ug/L	0.03	EPA 524.2	8/11/2004	CBO
Xylene, Total	10000	<0.5	ug/L	0.05	EPA 524.2	8/11/2004	CBO
Dichloromethane	5	<0.5	ug/L	0.02	EPA 524.2	8/11/2004	CBO
Methyl-tert-butylether	UR	<0.5	ug/L	0.2	EPA 524.2	8/11/2004	CBO
1,1-Dichloroethane	UR	<0.5	ug/L	0.2	EPA 524.2	8/11/2004	CBO
1,1-Dichloropropene	UR	<0.5	ug/L	0.2	EPA 524.2	8/11/2004	CBO
1,2,3-Trichloropropane	UR	<0.5	ug/L	0.2	EPA 524.2	8/11/2004	CBO
1,1,1,2-Tetrachloroethane	UR	<0.5	ug/L	0.2	EPA 524.2	8/11/2004	CBO
1,1,2,2-Tetrachloroethane	UR	<0.5	ug/L	0.2	EPA 524.2	8/11/2004	CBO
1,3-Dichloropropene (cis&trans)	UR	<0.5	ug/L	0.2	EPA 524.2	8/11/2004	CBO
1,3-Dichloropropane	UR	<0.5	ug/L	0.2	EPA 524.2	8/11/2004	CBO
2,2-Dichloropropane	UR	<0.5	ug/L	0.2	EPA 524.2	8/11/2004	CBO
Bromobenzene	UR	<0.5	ug/L	0.2	EPA 524.2	8/11/2004	CBO
Bromomethane	UR	<0.5	ug/L	0.2	EPA 524.2	8/11/2004	CBO
Chloroethane	UR	<0.5	ug/L	0.2	EPA 524.2	8/11/2004	CBO
Chloromethane	UR	<0.5	ug/L	0.2	EPA 524.2	8/11/2004	CBO
Dibromomethane	UR	<0.5	ug/L	0.2	EPA 524.2	8/11/2004	CBO
2-Chlorotoluene	UR	<0.5	ug/L	0.2	EPA 524.2	8/11/2004	CBO
4-Chlorotoluene	UR	<0.5	ug/L	0.2	EPA 524.2	8/11/2004	CBO
Bromodichloromethane		<0.5	ug/l	0.5	EPA 524.2	8/11/2004	CBO

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Laboratory Analysis Report

Sample Number: 0425135

FIELD DATA: PH=7.70, TEMP = 9.8 DEGREES C SPEC CONDUCTANCE=246us

Test Requested	MCL	Analysis Result	Units	MDL	Method	Date Completed	Analyst
Bromoform		<0.5	ug/l	0.5	EPA 524.2	8/11/2004	CBO
Chloroform		<0.5	ug/l	0.5	EPA 524.2	8/11/2004	CBO
Dibromochloromethane		<0.5	ug/l	0.5	EPA 524.2	8/11/2004	CBO
Total THM's	80	<2.0	ug/l	2	EPA 524.2	8/11/2004	CBO
Alkalinity	UR	175	mg/L Ca		EPA 310.1	8/9/2004	CC
Cyanide, Total	0.20	<0.005	mg/L	0.005	SM 4500-CN E	8/9/2004	ARR
Fluoride, F	4.0	0.18	mg/L	0.10	EPA 300.0	8/9/2004	WW
Chloride, Cl	UR	<1	mg/L	1	EPA 300.0	8/3/2004	WW
Sulfate, SO4	UR	5	mg/L	1	EPA 300.0	8/3/2004	WW
Hardness	UR	162	mg/L	5.0	SM 2340	8/9/2004	cc
Sand		<3	mg/L	0.600	EPA 160.2	8/3/2004	DLR
Total Dissolved Solids	UR	222	mg/L	25	EPA 160.1	8/4/2004	DLR

MCL = Maximum Contamination Level
MDL = Method Minimum Detection Limit
UR = Unregulated



Thank you for choosing Analytical Laboratories for your testing needs.

If you have any questions concerning this report,

please contact: Michael Moore

LAB FEDERAL ID#:	ID00020		LAB SAMPLE #:	0425135	
DATE LAB REC'D SAMPLE:	7/29/2004		DATE REPORTED BY LAB:	8/18/2004	
COMPLIANCE SAMPLE:	X YES NO		REPLACEMENT SAMPLE		
COLLECTION DATE:	7/29/2004		COLLECTION TIME:	6:15 (24 hour clock)	
SAMPLE TYPE:	CO-confirmation		RP-repeat		
X RT-routine	DU-duplicate		SP-special	Other	
PWS#:	PWS NAME:				
SAMPLING POINT/LOCATION:			TAG #/FACILITY ID:		
TETON RESERVE WELL #1					
COLLECTOR'S NAME: T SCANLAN			CONTACT PHONE #: (208) 383-4140		



Analytical Laboratories, Inc.

1804 N. 33rd Street
Boise, Idaho 83703
Phone (208) 342-5515

<http://www.analyticallaboratories.com>

PUBLIC DRINKING WATER SYSTEM SYNTHETIC ORGANIC CHEMICAL (SOC) ANALYSIS REPORT:

FRDS	Contaminant Name	Result*	Method	MCL*	MDL*	Analysis Date	Analyst	FRDS	Contaminant Name	Result*	Method	MCL*	MDL*	Analysis Date	Analyst
2046	Carbofuran	ND	EPA 531.1	40	0.2	8/4/2004	KWH	2959	Chlordane	ND	EPA 508.1	2.0	0.02	8/5/2004	KWH
2042	Hexachlorocyclopentadiene	ND	EPA 508.1	50	0.1	8/5/2004	KWH	2946	EDB	ND	EPA 504	0.05	0.02	8/6/2004	KWH
2041	Dinoseb	ND	EPA 515.1	7	0.2	8/10/2004	KWH	2931	DBCP	ND	EPA 504	0.2	0.02	8/6/2004	KWH
2040	Picloram	ND	EPA 515.1	500	0.17	8/10/2004	KWH	2383	PCBs	ND	EPA 508.1	0.5	0.1	8/5/2004	KWH
2037	Simazine	ND	EPA 508.1	4.0	0.07	8/5/2004	KWH	2326	Pentachlorophenol	ND	EPA 515.1	1	0.05	8/10/2004	KWH
2036	Oxamyl	ND	EPA 531.1	200	0.4	8/4/2004	KWH	2306	Benzo[a]pyrene	ND	EPA 550.1	0.2	0.03	8/10/2004	KWH
2035	Di(2-ethylhexyl)adipate	ND	EPA 506	400	0.5	8/4/2004	CAY	2298	Di(2-ethylhexyl)phthalate	ND	EPA 506	6.0	0.91	8/4/2004	CAY
2034	Glyphosate	ND	EPA 547	700	9.2	8/3/2004	KWH	2274	Hexachlorobenzene	ND	EPA 508.1	1.0	0.1	8/5/2004	KWH
2033	Endothall	ND	EPA 548.1	100	7.6	8/4/2004	CAY	2110	2,4,5-TP	ND	EPA 515.1	50	0.04	8/10/2004	KWH
2032	Diquat	ND	EPA 549.2	20	0.6	8/5/2004	KWH	2105	2,4-D	ND	EPA 515.1	70	0.14	8/10/2004	KWH
2031	Dalapon	ND	EPA 515.1	200	0.11	8/10/2004	KWH	2067	Heptachlor epoxide	ND	EPA 508.1	0.2	0.02	8/5/2004	KWH
2020	Toxaphene	ND	EPA 508.1	3.0	1	8/5/2004	KWH	2066	Heptachlor	ND	EPA 508.1	0.4	0.04	8/5/2004	KWH
2015	Methoxychlor	ND	EPA 508.1	40.0	0.1	8/5/2004	KWH	2051	Alachlor	ND	EPA 508.1	2.0	0.5	8/5/2004	KWH
2010	Lindane	ND	EPA 508.1	0.2	0.02	8/5/2004	KWH	2050	Atrazine	ND	EPA 508.1	3.0	0.14	8/5/2004	KWH
2005	Endrin	ND	EPA 508.1	2.0	0.01	8/5/2004	KWH								

*Reported in ug/L unless otherwise noted
ND = Not detected within sensitivity of instrument

--- = No analysis performed
MDL = Method detection limit

TERRY SCANLAN, P.E., P.G.
S P F WATER ENGINEERING, LLC
600 E RIVER PARK LN STE 105
BOISE, ID, 83706


Signature of Laboratory Supervisor

8-24-04
Date

LAB FEDERAL ID#: ID00020		LAB SAMPLE #: 0425135	
DATE LAB REC'D SAMPLE: 7/29/2004		DATE REPORTED BY LAB: 8/18/2004	
COMPLIANCE SAMPLE ☒ YES ☐ NO		REPLACEMENT SAMPLE ☐	
COLLECTION DATE: 7/29/2004		COLLECTION TIME: 6:15 (24 hour clock)	
SAMPLE TYPE: ☐ CO-conformation ☐ RP-repeat			
☒ RT-routine ☐ DU-duplicate ☐ SP-special ☐ Other			
PWS#:		PWS NAME:	
SAMPLING POINT/LOCATION: TETON RESERVE WELL #1		TAG #/FACILITY ID:	
COLLECTOR'S NAME: T SCANLAN		CONTACT PHONE # (208) 383-4140	



Analytical Laboratories, Inc.

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PUBLIC DRINKING WATER SYSTEM VOLATILE ORGANIC CHEMICAL (VOC) ANALYSIS REPORT:

METHOD: EPA 524.2		ANALYSIS DATE: 8/11/2004		ANALYST: CBO	
FRDS	Contaminant Name	Result*	MCL*	MDL*	
2378	1,2,4-Trichlorobenzene	ND	70.0	0.02	
2380	cis-1,2-Dichloroethylene	ND	70.0	0.01	
2950	Trihalomethanes - Total	ND	80.0	2	
2941	Chloroform	ND		0.02	
2941	Chloroform	ND		0.5	
2942	Bromoform	ND		0.4	
2942	Bromoform	ND		0.5	
2943	Bromodichloromethane	ND		0.02	
2943	Bromodichloromethane	ND		0.5	
2944	Dibromochloromethane	ND		0.03	
2944	Dibromochloromethane	ND		0.5	
2955	Xylenes - Total	ND	10000	0.05	
2964	Dichloromethane	ND	5.0	0.02	
2969	p-Dichlorobenzene	ND	75.0	0.03	
2968	o-Dichlorobenzene	ND	600.0	0.03	
2976	Vinyl chloride	ND	2.0	0.03	
2977	1,1-Dichloroethylene	ND	7.0	0.07	
FRDS	Contaminant Name	Result*	MCL*	MDL*	
2979	trans-1,2-Dichloroethylene	ND	100.0	0.07	
2980	1,2-Dichloroethane	ND	5.0	0.02	
2981	1,1,1-Trichloroethane	ND	200.0	0.02	
2982	Carbon Tetrachloride	ND	5.0	0.01	
2983	1,2-Dichloropropane	ND	5.0	0.01	
2984	Trichloroethylene	ND	5.0	0.01	
2985	1,1,2-Trichloroethane	ND	200.0	0.04	
2987	Tetrachloroethylene	ND	5.0	0.03	
2989	Monochlorobenzene	ND	100.0	0.02	
2990	Benzene	ND	5.0	0.03	
2991	Toluene	ND	1000.0	0.05	
2992	Ethylbenzene	ND	700.0	0.05	
2996	Styrene	ND	100.0	0.02	

*Reported in ug/L unless otherwise noted
ND = Not detected at or above 0.5 ug/L

--- = No analysis performed
MDL = Method detection limit

TERRY SCANLAN, P.E., P.G.
S P F WATER ENGINEERING, LLC
600 E RIVER PARK LN STE 105


Signature of Laboratory Supervisor
8-24-04
Date



Analytical Laboratories, Inc.

1804 N. 33rd Street
Boise, Idaho 83703
Phone (208) 342-5515

<http://www.analyticallaboratories.com>

Laboratory Analysis Report

Sample Number: 0425136

Attn: TERRY SCANLAN, P.E.,
S P F WATER ENGINEERING, LLC
600 E RIVER PARK LN STE 105
BOISE, ID 83706

Collected By: T SCANLAN

Submitted By: T SCANLAN

Source of Sample:

TETON RESERVE WELL #1

Time of Collection: 6:15
Date of Collection: 7/29/2004
Date Received: 7/29/2004
Report Date: 8/25/2004

PWS:

ELI-TESTING PERFORMED AT ENERGY LABORATORIES, INC. RESULTS RECEIVED 08/23/04.
ND=NONE DETECTED.

Test Requested	MCL	Analysis Result	Units	MDL	Method	Date Completed	Analyst
Gross Alpha		1.2+/-1.0	pCi/L		EPA 900.0	8/5/2004	ELI
Gross Beta		ND	pCi/L	4	EPA 900.0	8/5/2004	ELI

Thank you for choosing Analytical Laboratories for your testing needs.

If you have any questions about this report, or any future analytical needs, please contact: Michael Moore

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UR = Unregulated

Lab Federal ID#:	WY00002	Lab Sample	0425136
Date Lab Rec'd Sample:	7/29/2004	Date Reported by Lab:	08/11/04
Compliance Sample:	☒ Yes ☐ No	Replacement Sample	☐
Collection Date:	7/29/2004	Time Collected:	6:15
Sample Type:	☐ CO-confirmation ☐ RP-repeat ☒ RT-routine ☐ DU-duplicate ☐ SP-special ☐ Other		
PWS #:	PWS Name: S P F WATER ENGINEERING, LLC		
Sampling Point/Location	Tag # / Facility ID:		
TETON RESERVE WELL #1			
Collector's Name:	Contact Phone #:		
T SCANLAN		(208) 383-4140	



Analytical Laboratories, Inc.

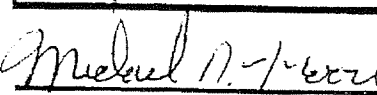
1804 N. 33rd Street
Boise, Idaho 83703
Phone (208) 342-5515

PUBLIC DRINKING WATER SYSTEM RADIOLOGICAL ANALYSIS REPORT

FRDS Number	CONTAMINANT	Result ug/L	Result pCi/L	MCL	Analysis Date	Analyst	Method
4002	Gross Alpha Activity (Includes Radium and Uranium)		1.2+/-1.0		8/5/2004	ELI	EPA 900.0
4006	Uranium (measure if gross alpha exceeds 15 pCi/L; activity = 1.0 x concentration ug/L)	--	--				
4000	Adjusted Gross Alpha (Subtract Uranium activity level from Gross Alpha Activity above)		--				
4020	Radium-226 (Required if Alpha activity is greater than 5pCi/L)		--				
4030	Radium-228 (measure if radium 226 exceeds 3 pCi/L)		--				
4010	Total Measured Radium (Sum of Ra-226 and Ra-228)		--				
4100	Beta/Photon Activity (Measure major constituents if activity exceeds 50 pCi/L)		ND	50pCi/L	8/5/2004	ELI	EPA 900.0

ND = Not detected within sensitivity of instrument
-- = No analysis performed for this contaminant

ELI-TESTING PERFORMED AT ENERGY LABORATORIES, INC. RESULTS
RECEIVED 08/23/04.
ND=NONE DETECTED.

 8/25/2004
 Lab Supervisor's Signature Date

Attn: TERRY SCANLAN, P.E.,
 S P F WATER ENGINEERING, LLC
 600 E RIVER PARK LN STE 105
 BOISE, ID 83706

CC:



Analytical Laboratories, Inc.

1804 N. 33rd Street
Boise, Idaho 83703
Phone (208) 342-5515

<http://www.analyticallaboratories.com>

Laboratory Analysis Report

Sample Number: 0425138

Attn: TERRY SCANLAN, P.E.,
S P F WATER ENGINEERING, LLC
600 E RIVER PARK LN STE 105
BOISE, ID 83706

Collected By: T SCANLAN

Submitted By: T SCANLAN

Source of Sample:

TETON RESERVE WELL #1

Time of Collection: 6:15
Date of Collection: 7/29/2004
Date Received: 7/29/2004
Report Date: 8/25/2004

PWS:

ELI-TESTING PERFORMED AT ENERGY LABORATORIES, INC. RESULTS RECEIVED 08/23/04.
*ND=NONE DETECTED @ 0.2 pCi/L

Test Requested	MCL	Analysis Result	Units	MDL	Method	Date Completed	Analyst
Uranium-Total		*ND	pCi/L	0.2	EPA 908.1	8/10/2004	ELI

MCL = Maximum Contamination Level
MDL = Method/Minimum Detection Limit
UR = Unregulated

Thank you for choosing Analytical Laboratories for your testing needs.

If you have any questions about this report, or any future analytical needs, please contact: Michael Moore

analytical Laboratories, Inc.

N. 33rd Street
 , Idaho 83703
 e (208) 312-5515

Result pCi/L	MCL	Analysis Date	Analyst	Method
--				
*ND	30	8/10/2004	ELI	EPA 908.1
--				
--				
--				
--				
--				

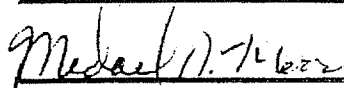
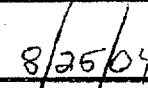
led within sensitivity of instrument
 s performed for this contaminant

PERFORMED AT ENERGY LABORATORIES, INC. RESULTS
 8/23/04.
 DETECTED @ 0.2 pCi/L.

Lab Federal ID#:	WY00002	Lab Sample	0425138
Date Lab Rec'd Sample:	7/29/2004	Date Reported by Lab:	08/13/04
Compliance Sample:	☒ Yes ☐ No	Replacement Sample	☐
Collection Date:	7/29/2004	Time Collected:	6:15
Sample Type:	☐ CO-confirmation ☐ RP-repeat ☒ RT-routine ☐ DU-duplicate ☐ SP-special ☐ Other		
PWS #:	PWS Name: S P F ENGINEERING, LLC		
Sampling Point/Location	TETON RESERVE WELL #1		Tag # / Facility ID:
Collector's Name:	T SCANLAN		Contact Phone #: (208) 383-4140

PUBLIC DRINKING WATER SYSTEM RADIOLOGICAL ANALYSIS REPORT

FRDS Number	CONTAMINANT
4002	Gross Alpha Activity (Includes Radium and Uranium)
4006	Uranium (measure if gross alpha exceeds 15 pCi/L; activity = 1.0 x concentration ug/L)
4000	Adjusted Gross Alpha (Subtract Uranium activity level from Gross Alpha Activity above)
4020	Radium-226 (Required if Alpha activity is greater than 5pCi/L)
4030	Radium-228 (measure if radium 226 exceeds 3 pCi/L)
4010	Total Measured Radium (Sum of Ra-226 and Ra-228)
4100	Beta/Photon Activity (Measure major constituents if activity exceeds 50 pCi/L)

Lab Supervisor's Signature

Date

Attn: TERRY SCANLAN, P.E.,
 S P F WATER ENGINEERING, LLC
 600 E RIVER PARK LN STE 105
 BOISE, ID 83706



Analytical Laboratories, Inc.

1804 N. 33rd Street
Boise, Idaho 83703
Phone (208) 342-5515

<http://www.analyticallaboratories.com>

Laboratory Analysis Report

Sample Number: 0425081

Attn: TERRY SCANLAN, P.E., P.G.
S P F WATER ENGINEERING, LLC
600 E RIVER PARK LN STE 105
BOISE, ID 83706

Collected By: T SCANLAN

Submitted By: T SCANLAN

Source of Sample:

TETON RESERVE #

Time of Collection: 6:15
Date of Collection: 7/29/2004
Date Received: 7/29/2004
Report Date: 7/30/2004

PWS:

MCL	Analysis Result	Volume	Method	Unit	Analyst
	ARSENIC	100mL			



Analytical Laboratories, Inc.

1804 N. 33rd Street
Boise, Idaho 83703
Phone (208) 342-5515

<http://www.analyticallaboratories.com>

Laboratory Analysis Report

Sample Number: 0425081

Attn: TERRY SCANLAN, P.E., P.G.
S P F WATER ENGINEERING, LLC
600 E RIVER PARK LN STE 105
BOISE, ID 83706

Collected By: T SCANLAN

Submitted By: T SCANLAN

Source of Sample:
TETON RESERVE #1

Time of Collection: 6:15
Date of Collection: 7/29/2004
Date Received: 7/29/2004
Report Date: 7/30/2004

PWS:

Test Requested	MCL	Analysis Result	Units	MDL	Method	Date Completed	Analyst
Escherichia coli		ABSENCE	100mL		SM 9223	7/29/2004	nn Muri
Total Coliform Bacteria		ABSENCE	100mL		SM 9223	7/29/2004	nn Muri

MCL - Maximum Contamination Level
MDL - Method/Minimum Detection Limit
UR - Unregulated

Michael A. Moore

Thank you for choosing Analytical Laboratories for your testing needs.
If you have any questions about this report, or any future analytical needs, please contact: Michael Moore

SAMPLE TYPE CODE S - Routine Sample P - Repeat sample (at original tap) E - Enforcement (chain of custody) U - Upstream repeat D - Downstream repeat X - Other Repeat W - Untreated V - Invalidated by Lab C - Construction / Special	ANALYTICAL LABORATORIES, INC. ID00020 1804 N. 33rd Street Boise, Idaho 83703 1-800-574-5773 1-208-342-5515 www.analyticallaboratories.com
	☒ Public Water Supply ☐ Private Water Supply ☐ Other

NAME OF WATER SYSTEM	COUNTY	PWS
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REPORT RESULTS TO: TERRY SCANLAN, P.E., P.G. S P F WATER ENGINEERING, LLC 600 E RIVER PARK LN STE 105 BOISE, ID 83706	<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>DATE RECEIVED</td><td style="text-align: right;">7/29/2004</td></tr> <tr><td>TIME RECEIVED</td><td style="text-align: right;">17:40</td></tr> <tr><td>DATE ANALYZED</td><td style="text-align: right;">7/29/2004</td></tr> <tr><td>TIME ANALYZED</td><td style="text-align: right;">18:00</td></tr> </table>	DATE RECEIVED	7/29/2004	TIME RECEIVED	17:40	DATE ANALYZED	7/29/2004	TIME ANALYZED	18:00
DATE RECEIVED	7/29/2004								
TIME RECEIVED	17:40								
DATE ANALYZED	7/29/2004								
TIME ANALYZED	18:00								

SEND ADDITIONAL COPIES TO:	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">IF RETEST, ORIGINAL SAMPLE DATE</td> <td style="width:50%;"></td> </tr> </table>	IF RETEST, ORIGINAL SAMPLE DATE	
IF RETEST, ORIGINAL SAMPLE DATE			

Phone (208) 383-4140	Ext	Fax (208) 383-4156	email	CHILLED 10 C	X YES	NO
----------------------	-----	--------------------	-------	--------------	-------	----

COLLECTED BY: T SCANLAN	TRANSPORTED BY: T SCANLAN
-------------------------	---------------------------

SAMPLE TYPE	COLLECTION DATE/TIME	Sampling Location	CI res	TOTAL COLIFORMS	FECAL COLIFORMS	E. COLI	HPC
				SM 9223	SM 9221	SM 9223	SM 9215

C	7/29/2004	LAB# 0425081		ABSENCE		ABSENCE	
	6:15	TETON RESERVE #1	-				

REMARKS: ANALYTICAL METHODS <u>Total Coliforms</u> SM 9222 Membrane Filter Technique, Parts 909 and 909A, Standard Methods.... 16th ed., 1985 SM 9221 Multiple Tube Fermentation, Parts 908 and 908A, and 908B, Standard Methods.... 16th ed., 1985 SM 9223 MMO-MUG Test Per 40 CFR 141.21(f)(3)(IV) HPC Pour Plate, Part 907, Standard Methods...., 16th ed., 1	ANALYST: Lynn Murray Analytical Laboratories, Inc. Laboratory Supervisor
---	---

IDAHO DEPARTMENT OF WATER RESOURCES
Water Permit Report

07/26/2004

WATER RIGHT NO. 22-13244

Owner Type	Name and Address
Current Owner	TETON VALLEY GOLF ASSN LP PO BOX 5656 TWIN FALLS, ID 83303-5656 (208)837-6641
Security Interest	HOPKINS MORTGAGE FUND LLC PO BOX 670 MERIDIAN, ID 83680

Priority Date: 03/06/2002

Status: Active

Source	Tributary
GROUND WATER	

Beneficial Use	From	To	Diversion Rate	Volume
DOMESTIC	01/01	12/31	0.75 CFS	
FIRE PROTECTION	01/01	12/31	2.05 CFS	
Total Diversion			2.05 CFS	

Location of Point(s) of Diversion:

GROUND WATER	NENE	Sec. 35	Township 04N	Range 45E	TETON County
GROUND WATER	NWNE	Sec. 36	Township 04N	Range 45E	TETON County

DOMESTIC Use:

Number of homes: 384

Place(s) of use:

Place of Use Legal Description: DOMESTIC TETON County

Township	Range	Section	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres
04N	45E	35		NENE			NWNE			SWNE			SENE	
		36		NESE			SWNE							
				NWNE			NWNW			SWNW			SENE	
				NENW									SENE	
				NWSW									SENE	

Place of Use Legal Description: FIRE PROTECTION TETON County

Township	Range	Section	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres
04N	45E	35		NENE			NWNE			SWNE			SENE	
		36		NESE			SWNE							
				NWNE			NWNW			SWNW			SENE	
				NENW									SENE	
				NWSW									SENE	

Conditions of Approval:

1.	26A	Project construction shall commence within one year from the date of permit issuance and shall proceed diligently to completion unless it can be shown to the satisfaction of the Director of the Department of Water Resources that delays were due to circumstances over which permit holder had no control.
2.	046	Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.
3.	X01	Domestic use is for 384 homes.
4.	070	The irrigation occurring under this domestic use shall not exceed 1/2 acre within each platted subdivision lot upon which a home has been constructed. This right does not provide for irrigation of common areas or for irrigation of lots upon which homes have not been constructed.
5.	071	The domestic use authorized under this right shall not exceed 13,000 gallons per day per home.
6.	077	Water shall not be diverted for fire protection use under this right except to fight or repel an existing fire.
7.	01M	After specific notification by the Department, the right holder shall install a suitable measuring device or shall enter into an agreement with the Department to determine the amount of water diverted from power records and shall annually report the information to the Department.

Dates:

Proof Due Date: 09/01/2007

Proof Made Date:

Approved Date: 09/11/2002

Moratorium Expiration Date:

Enlargement Use Priority Date:

Enlargement Statute Priority Date:

Water Right Report

Page 3 of 3

Application Received Date: 06/12/2002

Protest Deadline Date: 07/22/2002

Number of Protests: 0

Field Exam Date::

Date Sent to State Off:

Date Received at State Off:

Other Information:

State or Federal:

Owner Name Connector:

Water District Number:

Generic Max Rate per Acre:

Generic Max Volume per Acre:

Swan Falls Trust or Nontrust:

Swan Falls Dismissed:

DLE Act Number:

Cary Act Number:

Mitigation Plan: False

Close

[Close](#)IDAHO DEPARTMENT OF WATER RESOURCES
Adjudication Claim Report

07/26/2004

WATER RIGHT NO. 22-7347

Owner Type	Name and Address
Current Owner	TETON VALLEY GOLF ASSN LP PO BOX 5656 TWIN FALLS, ID 83303-5656 (208)837-6641
Original Owner	PARRISH LANE RANCH LTD PARTNERSHIP 163 E 525 S VICTOR, ID 83455-5240 (801)583-0705
Original Owner	CHARLES M PARRISH 1030 MILITARY DR SALT LAKE CITY, UT 84105
Security Interest	HOPKINS MORTGAGE FUND LLC PO BOX 670 MERIDIAN, ID 83680

Priority Date: 02/18/1981

Basis: License

Status: Active

Source	Tributary
GROUND WATER	

Beneficial Use	From	To	Diversion Rate	Volume
IRRIGATION	4/15	10/15	3.94 CFS	
Total Diversion			3.94 CFS	

Location of Point(s) of Diversion:

GROUND WATER	NENE	Sec. 35	Township 04N	Range 45E	TETON County
GROUND WATER	SWSW	Sec. 30	Township 04N	Range 46E	TETON County

Place(s) of use:

Place of Use Legal Description: IRRIGATION TETON County

Township	Range	Section	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres
04N	45E	35		NENE	6		SENE	33						
		36		NENW	39		NWNW	39		SWNW	40		SENW	40

Total Acres: 197

Conditions of Approval:

1.	01C	A flow measurement port or other device as specified by the Department shall be installed by the right holder to provide for the installation of measuring equipment and the determination of the rate of diversion by the Department.
----	-----	--

Remarks:

1.	General	P/U ALSO IRRIGATED FROM RESERVOIR IN SWSW SEC. 30, T4N, R46E, HAVING ITS SOURCE FROM P/D IN SWNE SEC. 30, T4N, R46E. CLAIMANT INDICATED IN TELEPHONE CONVERSATION (AUGUST, 1988) THE PRIMARY SOURCE OF WATER FOR THE RESERVOIR IS WASTE WATER FOR WHICH THERE IS NO PREVIOUS FILING. - RECOMMENDED FILING PERMIT APPLICATION.
----	---------	---

Dates:

Licensed Date: 05/24/1990

Claim Received Date:

Decreed Date:

Enlargement Use Priority Date:

Enlargement Statute Priority Date:

Other Information:

State or Federal: S

Owner Name Connector:

Water District Number:

Generic Max Rate per Acre:

Generic Max Volume per Acre:

Civil Case Number:

Old Case Number:

Decree Plaintiff:

Decree Defendant:

Swan Falls Trust or Nontrust:

Swan Falls Dismissed:

DLE Act Number:

Cary Act Number:

Mitigation Plan: False

Close

IDAHO DEPARTMENT OF WATER RESOURCES
Adjudication Claim Report

07/26/2004

WATER RIGHT NO. 22-13210

Owner Type	Name and Address
Current Owner	TETON VALLEY GOLF ASSN LP PO BOX 5656 TWIN FALLS, ID 83303-5656 (208)837-6641
Security Interest	HOPKINS MORTGAGE FUND LLC PO BOX 670 MERIDIAN, ID 83680

Priority Date: 03/24/1981

Basis: License

Status: Active

Source	Tributary
GROUND WATER	

Beneficial Use	From	To	Diversion Rate	Volume
IRRIGATION	04/15	10/15	1.56 CFS	
Total Diversion			1.56 CFS	

Location of Point(s) of Diversion:

GROUND WATER	NENE	Sec. 35	Township 04N	Range 45E	TETON County
GROUND WATER	SWNE	Sec. 30	Township 04N	Range 46E	TETON County
GROUND WATER	NWSW	Sec. 30	Township 04N	Range 46E	TETON County

Place(s) of use:

Place of Use Legal Description: IRRIGATION TETON County

Township	Range	Section	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres
04N	45E	36		NWNE	39		SWNE	39						

Total Acres: 78

Remarks:

1.	Explanatory	THIS RIGHT IS A SPLIT FROM FORMER RIGHT 22-7352.
----	-------------	--

Dates:

Licensed Date:

Claim Received Date:

Decreed Date:

Enlargement Use Priority Date:

Enlargement Statute Priority Date:

Other Information:

State or Federal: S

Owner Name Connector:

Water District Number:

Generic Max Rate per Acre:

Generic Max Volume per Acre:

Civil Case Number:

Old Case Number:

Decree Plaintiff:

Decree Defendant:

Swan Falls Trust or Nontrust:

Swan Falls Dismissed:

DLE Act Number:

Cary Act Number:

Mitigation Plan: False

IDWR Water Right and Adjudication Search

Note: This search tool identifies active water rights and active transfers. If you want to search both active and inactive water rights, please check the box below.

☐ Search for both active and inactive water right records.

Search Results

Type of Query

USAGE INSTRUCTION

☐ All SRBA & Water Rights	
SRBA ☐ Claims ☐ Recommendations ☐ Both	Water Rights ☐ Applications ☐ Permits ☐ Decrees, Licenses and Statutory Claims ☐ Transfers ☒ All of the above

Basin

Who

What

When

Where

Clear

Search

Help

Query parameters:

OrganizationName = Teton Valley Golf

Search for: active Records

Information for type: Permit

	Record	Basin	Sequence	Suffix	Version	Basis	Status	Priority Date	Diversion Rate	Source List
Details	1	22	13244				Active	2002-03-06	2.05	GROUND WATER

Number of records = 1