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Department of Water Resources
Eastern Region

BEFORE THE DEPARTMENT OF WATER RESOURCES

OF THE STATE OF IDAHO

IN THE MATTER OF APPLICATION FOR
PERMIT NO. 22-13689, 22-13690, 22-13691
and APPLICATION FOR TRANSFER NO.
72904 IN THE NAME OF BOYD SMITH
TRUST

**INTERVENORS RUSKIN VEST
AND KAREN VEST'S
DISCLOSURE OF WITNESSES
AND EXHIBITS**

COMES NOW Intervenor Ruskin Vest and Karen Vest, by and through their counsel of record, Givens Pursley LLP, and pursuant to the Department's scheduling order on this matter, hereby makes the following disclosures:

WITNESS LIST

The Intervenor may call the following witnesses at the hearing of this matter:

1. Ruskin Vest, 1101 Nashville Highway, Suite 3, Columbia, TN 38401, 931-381-6161
2. Ed Squires, Hydro Logic, Inc., 1003 W. Franklin Street, Boise, ID 83702, 208-342-8369 (Expert Witness)
3. Mark Utting, Hydro Logic, Inc., 1003 W. Franklin Street, Boise, ID 83702, 208-342-8369 (Expert Witness)
4. Charles S. Cook, 406 N. 500 W, Teton, ID 83452, 208-456-2853

5. Idaho Department of Water Resources Watermaster for the Teton River (Expert Witness)
6. Any individual whom Applicant or any other party has disclosed as a witness for Applicant or any other party or who may testify at the hearing of this matter. Intervenor further reserve the right to call any witness identified by Applicant or any other party without waving any objection to such witnesses.
7. Any individual with the personal knowledge necessary to lay the foundation for the admission into evidence of any documents.

Intervenor intend this disclosure to include witnesses who have been previously identified by any other party, or any witness, disclosed or undisclosed, who is needed to lay a foundation for any exhibit, as well as any witness, disclosed or undisclosed, for the purpose of impeachment or rebuttal.

EXHIBIT LIST

Intervenor may offer into evidence the following exhibits, copies of which are attached hereto:

1. Ed Squires' curricula vita, including qualifications, publications, and cases in which he has as an expert witness.
2. Mark Utting's curricula vita, including qualifications, publications, and cases in which he has as an expert witness.
3. Figure 1. Key Hydrologic Features South Leigh Creek Area. March 15, 2010.
4. Figure 2. Key Hydrologic Features South Leigh Creek Area. March 15, 2010.
5. Figure 3. Wells Plotted by Quarter Section in the South Leigh Creek Area. December 8, 2009.
6. Figure 4. Owner and Depth of the Four Deepest Wells Plotted by Quarter Section in the South Leigh Creek Area. December 8, 2009.
7. Figure 5. Water Level Contour Map.
8. Figure 6. Top of Bedrock Contour Map.
9. Figure 7. Top of Bedrock Block Diagrams Showing the Bottom of the Regional Alluvial Aquifer and Ground Surface.

10. Figure 8. Bedrock Outcrop near the Boundary of Brockway's Model Area.
11. Well Construction Details of Wells in the South Leigh Creek Area of Eastern Teton County, Idaho from Well Driller's Reports in IDWR On-Line Database.
12. Water Right Listings from IDWR for Diversions from South Leigh Creek.
13. Pictures 1a-1m, 1o-1u, 3a-3c, 4a-4g, 5a-5h, 6a-6d, 7a, 8a-8g, 9a-9d, 10a-10d, 11a-11d, 12a-12e, 13a-13h, 13j-13q, 14a-14d, 15a-15m, 15o, three photographs of Smith's Artificial Lake using Killpack water, picture of Smith's Artificial Lake using Killpack water with Smith house in background, picture of Artificial stream using Killpack water, two photographs of Artificial pond and source of water for recycled water routed through artificial stream during dry periods, pictures 16a-16b, 17a-17d, 18a, 19a-19b, 20a, two photographs of Diversion from Hog Canal, pictures 21a-21c, 22a-22b, 23a,

Intervenors reserve the right to withdraw, revise, or supplement any of these exhibits, and/or to submit further exhibits to conform to proof presented at the time of hearing.

Dated this 14th day of April, 2010.

GIVENS PURSLEY LLP



Michael C. Creamer

Attorneys for Ruskin Vest and Karen Vest

CERTIFICATE OF SERVICE

I hereby certify that on this 14th day of April, 2010, a true and correct copy of the foregoing was sent by U.S. Mail, postage prepaid, to the following:

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Michael C. Creamer

Edward Squires, R.P.G.

EDUCATION

M.S. Interdisciplinary Hydrogeology, 1992, Boise State University, Boise, Idaho.

Advisors: Dr. S.H. Wood (BSU) and Dr. J.L. Osiensky (U of I).

B.S. Geology, groundwater emphasis, cum laude, 1990, Boise State University, Boise, Idaho.

Advisor: Dr. C. M. White.

Thesis: Hydrogeologic Framework of the Boise Aquifer System, Ada County, Idaho.

REGISTRATION

Registered Professional Geologist, since 1999, Certificate No. 968

Professional Well Log Analyst, since 1995

Certified Water Right Examiner, Certification No. 09-125

OVERVIEW

Ed Squires is the President and Managing Hydrogeologist for Hydro Logic, Inc. of Boise, Idaho. Before starting his own consulting firm in 1999, he served for 6 years as Manager of the Geosciences Department and Company Hydrogeologist for United Water Idaho, Inc. In that capacity, Mr. Squires has consulted on a variety of water resource projects to the United Water Resources group of companies around the United States. He has been part of the adjunct graduate faculty at Boise State University's Department of Geosciences since 1995, regularly teaching a curriculum course in Field Hydrogeology and serving as a guest lecturer for other water-related coursework. Prior to his tenure at United Water Idaho, Mr. Squires worked as a hydrogeologist for S.H. Wood and Associates and has over twenty years of hands-on groundwater and geophysical experience.

Mr. Squires' professional career and current practice emphasizes all aspects of responsible groundwater development, water rights, and resource protection. He has conducted extensive research and published several reports on the groundwater and subsurface hydrogeology of the Boise River Valley since publication of his Masters Thesis, entitled "Hydrogeologic Framework of the Boise Aquifer System, Ada County, Idaho". Mr. Squires served three years on the Technical Advisory Committee of the Treasure Valley Hydrologic Project and has been a member of the Southeast Boise Groundwater Management Area Committee, formed as a result of his research in Southeast Boise, since 1994. He recently served on the Technical Advisory Committee for the Hydrogeologic Framework and Computer Modeling Project for the Boise Front Geothermal Groundwater Management Area and was been appointed by the Director to the Negotiated Rulemaking Committee to draft new administrative rules for well drilling in the State of Idaho. Ed currently is an active member of the Technical Working Group for North Ada County studies at IDWR at the request of the Director.

Mr. Squires has designed and supervised the construction of over 300 large bore, high capacity water supply wells averaging 500 feet deep in sedimentary and volcanic aquifers. He has designed, supervised the construction, developed, and tested more than 60 deep (500-to-1000 feet) exploratory test/observation wells in addition to multiple geothermal and irrigation well development projects. In addition to new well installations, Mr. Squires has run down hole camera surveys and borehole geophysical logs in hundreds of wells throughout the Western States and has been in charge of rehabilitative maintenance/reconstruction of over 100 older wells.

Mr. Squires is a registered Professional Geologist (No. 968) in Idaho and a Professional Well Log Analyst. He is a member of the National Groundwater Association, the Association of Ground Water Scientists and Engineers, and is a Certified Water Rights Examiner in the State of Idaho (09-125).

REPRESENTATIVE PROJECT EXPERIENCE

Groundwater Development

- 1) Design, construction oversight, development, and testing of over 300 large bore, high capacity production supply wells for public drinking water systems, municipalities, and private utilities.
- 2) Designed, organized, and supervised 14 regional scale, long-term aquifer tests including those for the State of Idaho Department of Corrections, United Water Idaho, Inc., Water District 63-S, Mesa Water Corporation, Tamarack Resort, Crane Creek Country Club, Wickenburg Ranch, and M3 Eagle.
- 3) Conducted and interpreted borehole geophysical logs in newly drilled wells and provided design information for hundreds of well projects for industrial, commercial, agricultural, and municipal wells in the western U.S.
- 4) Testing/analysis of United Water Idaho's infiltration galleries (Ranney Collectors) along the Boise River.
- 5) Pumping test analysis and pumping plant design of municipal supply wells for the Cities of Caldwell, Meridian, Kuna, and Garden City.
- 6) Ground water quality and water geochemistry evaluations for the Cities of Meridian, Caldwell, Kuna, and Garden City, United Water Idaho, Capitol Water Corp., Tamarack Resort, and Pepsico USA, SSI Food Industries, Idaho Power Company, Wickenburg Ranch, and numerous other commercial and subdivision clients.
- 7) Hydrogeologic and geophysical investigations for groundwater supply projects for the Idaho cities of Boise, Meridian, Caldwell, Mountain Home, Nampa, Greenleaf, Kuna, Marsing, Buhl, Rupert, Eagle, Cascade, Donnelly, Victor, Star, Emmett, Glenns Ferry, and Notus. Also the Cities of Hawthorne NV, Mt. Vernon OR, LaGrande OR, Island City OR, and Walla Walla WA

Geothermal

- 1) Water-level monitoring and data analysis of the BWSWD Well #3, Kanta-Yanke, Behrman, Quarryview Park, Koch, and BLM geothermal wells 1984-1987.
- 2) Water-level monitoring of the Terteling Ranch and Flora Nursery geothermal wells 1993- present.
- 3) Geophysical investigations of the BWSWD #1 and #2, Kanta, BLM, Terteling (6 wells) Ranch, UWID Cartwright, Crane Creek Country Club, Simplot Ranch, Jeker Ranch wells.
- 4) Large scale, 11-well aquifer test of the Stewart Gulch geothermal aquifer using the Terteling Windsock well as the pumping well. Basis for IDWR Order changing Water District 63-S boundary (1994).
- 5) Large scale, long-term aquifer testing of the Stewart Gulch geothermal wells using the Quail Hollow

Golf Course well as the pumping well (1993).

- 6) Six-well, aquifer testing of the Crane Creek area geothermal wells using the Simplot Ranch, Crane Creek GC, and UWID wells as pumping wells. Settled UWID/Simplot water rights dispute – (194-1995).
- 7) Specific capacity testing of the Flora Nursery and Edwards Nursery geothermal wells 2000-2002.
- 8) Conducted and interpreted down hole camera surveys of the BWSWD, Flora, Crane Creek Country Club, Terteling Ranch wells.
- 9) Project manager for design, drilling, completion, and testing of the Peaceful Cove Nursery and Tom Terteling residence deep geothermal supply wells in Stewart Gulch – 1994 & 1995).
- 10) Project manager for the rehabilitation of the Terteling Ranch Pool, Motorcycle Club, and Windsock geothermal wells – 1990's.
- 11) Evaluation of historical weir flow data and geothermal water use at Flora Nursery – 1921- 2002.
- 12) Project manager for reconstruction, and sealing of the Flora Nursery Silkey geothermal well.2001.
- 13) Co-leader of the Treasure Valley Hydrologic Project Foothills Field Trip to view exposed geothermal aquifer rocks along the Boise Front 1998.
- 14) Project manager Stewart Gulch seismic profiling project to site, drill, and complete a new cold-water irrigation well above the geothermal aquifer – 1996
- 15) Conducted geophysical surveys for the J.R. Simplot Co.'s Aquaculture Project in Caldwell, ID.
- 16) Expert witness for Flora Nursery during protested geothermal Transfer application 2001-2002.
- 17) Expert witness for The Terteling Company during protested Petition by the City of Boise to increase geothermal water withdraws from the Boise Geothermal Aquifer 2002.
- 18) Hydrogeologic Framework Refinement and Simulation of Hydraulic Head and Temperature in the Boise Geothermal Aquifer -Technical Advisory Committee member 2002.
- 19) Co-author of the Boise Front Geothermal Aquifer Monitoring Plan June 2002.
- 20) Project manager for the geothermal exploration drilling and seismic reflection surveys project at Tamarack Resort 2005.

Aquifer Recharge

- 1) Project manager for the United Water Idaho, Inc.'s Swift Aquifer Storage and Recovery project (aquifer recharge) in West Boise, Idaho, 1996-1999.
- 2) Consulting hydrogeologist to United Water Resources for various aquifer recharge projects along the east coast 1996-1999.
- 3) Geophysical and hydrogeological consultant to the State of Idaho Department of Water Resources' Managed Recharge Project including providing open-hole geophysical logs and borehole video 2000.
- 4) In-situ Aquifer Storage and Recovery project for dissolved iron concentrations in ground water in the Tamarack Resort municipal supply Well #7 ; successful elimination of iron 2004.
- 5) Attended two international ASR conferences and two recharge conferences in the US.
- 6) City of Meridian ASR Evaluation for City Well #23, 2009.
- 7) Member of the National Groundwater Association's ASR Task Force, 2009-2010

Surface Water

- 1) Five-year stream flow and surface water-geochemistry/water-quality monitoring of four mountain streams in the Tamarack Resort area of Valley County Idaho including establishment of baseline data and statistical analysis.
- 2) Three-year stream flow monitoring of three spring-fed perennial streams in the Squaw Ridge area near Ola, Idaho including an evaluation for two administrative futile water calls and associated water rights.

Water rights

- 1) Preparation, filing, and follow-through of numerous water right transfers and water right permit applications and transfers for public utilities, municipalities, the State of Idaho, commercial, and agricultural water users in Idaho.
- 2) Evaluation of surface water rights and filing of transfer applications in Little Salmon River Valley.
- 3) Expert witness in Basinwide Issue #5 – Conjunctive Management of Water Resources in Idaho.
- 4) Expert witness in all manner of water right disputes, protests, and well interference issues before the Idaho Department of Water Resources including groundwater/surface water interactions
- 5) Evaluations and filing of claims in the Snake River Basin Adjudication.
- 6) Certified Water Right Examiner in the State of Idaho regularly conducting field licensing examinations and evaluations of pumping systems including determination of historical use.

- 7) Continual involvement in the interpretation and application of the tenets of the State of Idaho Water Code with respect to groundwater resource development and management.
- 8) Project manager for United Water Idaho, Inc. concerning the implementation of the 1996 Municipal Water Rights Statute 1994-1999.
- 9) Successful "Municipal" water rights application for the Idaho Dept. of Transportation for its Issac's Canyon Rest Area near Boise. 1st use of 1996 Municipal Water Rights Statute for the State of Idaho.
- 10) Co-author of the first successful municipal "future needs" water right application in Idaho and three pending subsequent future needs applications.
- 11) Water rights consultant to the Idaho Department of Corrections for several facility locations.

Groundwater Development Feasibility Studies

- 1) 2006-2010 Project Manager for \$2M hydrogeologic characterization and ground water development potential studies for the 6,000-unit M3 Eagle planned development community in the Eagle, Idaho foothills.
- 2) Design, construction oversight, development, water quality testing, and monitoring of over 50 deep (500-1000 feet) exploratory test-well and piezometer nest installations for municipal and industrial water providers in Southwest Idaho..
- 3) Groundwater Feasibility Study For Idaho Power Co.'s Pahsimeroi Fish Hatchery, Lemhi, County, Idaho.
- 4) Reconnaissance Level Groundwater Feasibility Study for the Idaho Power Company's Oxbow Fish Hatchery at the Confluence of Pine Creek With the Snake River in the Hells Canyon Reach, Baker County, Oregon.
- 5) Hydrogeologic Evaluation of Groundwater Quality and Yield Beneath the Idaho Power Company's Pahsimeroi Fish Hatchery – Upper Facility.
- 6) Analysis of the 2001 Aquifer Testing for the Municipal Water Supply of the Proposed WestRock Resort, Donnelly, Valley County, Idaho.
- 7) Groundwater Conditions and Hydraulic Testing of the Boise Fan-Aquifer of Southeast Boise River Valley, Ada County, Idaho.
- 1) Evaluation of the Hydrogeologic Framework and Groundwater Production Potential of the Kings River Valley, Nevada.

Resource Protection

- 1) Investigation, design and oversight of the decommissioning and proper abandonment of 46 aging and unsealed large-bore production well using perforate-and-pressure grouting techniques.
- 2) Design and oversight of the pressure grout sealing and rehabilitation of four high-yield unsealed wells for the defunct United Dairymen of Idaho Creamery in downtown Meridian, Idaho prior to building a new City Hall facility on the site.
- 3) Development and implementation of a baseline (pre-development) surface water quality monitoring plan for the proposed Tamarack Resort, Donnelly, ID.
- 4) Served two years representing the City's of Meridian, Caldwell, and Kuna on the negotiated rulemaking committee for revision of Idaho's administrative rules for well drilling at request of the Director of the Department of Water Resources.

Expert Witness Testimony (entity represented underlined):

- 1) Idaho Department of Corrections versus Tyson Fine Foods
- 2) The Terteling Company, Inc. versus Edwards Greenhouses.
- 3) Ivey versus Russell
- 4) North Ada County Ground Water Users Association versus M3 Eagle, LLC.
- 5) Round Valley water users and well owners versus Ringel.
- 6) Edwards Greenhouses versus The Terteling Company, Inc.
- 7) Idaho Power Company versus group of Pahsimeroi Valley water users and well owners.
- 8) Carlock, McKenzie, and Redmon versus Mooers.
- 9) The Terteling Company versus the City of Boise.
- 10) City of Caldwell versus United Water Idaho, Inc.
- 11) City of Meridian versus United Water Idaho, Inc.
- 12) The Terteling Company, Inc. versus United Water Idaho, Inc.
- 13) Tamarack Resort versus Henry's North Forty, LLC.
- 14) Thompson versus California Well Driller.
- 15) Micron Technology, Inc. versus United Water Idaho, Inc.
- 16) Jardine versus Inland Crane
- 17) Bernegar versus City of Meridian.
- 18) ersus Casper Dairy
- 19) United Water Idaho, Inc. versus Idaho Department of Corrections
- 20) McNabb versus United Water Idaho, Inc.
- 21) General Water Works Corporation versus Intel, Corporation.
- 22) Idaho Public Utilities Commission versus Mesa Water Company.

EMPLOYMENT

1999-present	Founder, President ,and Managing Hydrogeologist; Hydro Logic, Inc.
1995-present	Adjunct graduate faculty; Boise State University Department of Geosciences.
1994-1999	Sr. Hydrogeologist (RPG) United Water Idaho, Inc.; Geosciences Department Head.
1992-1994	Consulting Hydrogeologist. S.H. Wood and Associates, Boise, Idaho.

1990-1993 Staff Technician; Geophysical Well-logging Unit, Boise State University.

1989 summer Idaho Geological Survey; Idaho Initiative. Albion Range field-mapping.

1989 Internship; Boise Water Corp.; Digital Data Acquisition for Groundwater Studies.

1988 summer White/Naslund National Science Foundation Research Expedition to Kangerlussuaq region of arctic East Greenland. Team member in charge of field mapping.

1987 summer Research assistant at BSU on hydrogeological studies. Design, construction, and operation of Boise State University's truck-mounted geophysical well-logging unit. Thin-section and X-ray diffraction laboratory manager.

PUBLICATIONS AND REPRESENTATIVE PROFESSIONAL REPORTS

Options For Improving Groundwater Quality in the City of Meridian Well #23, May 5, 2009 Technical memorandum to Public Works Director Tom Barry including a detailed evaluation for the potential for Aquifer Storage and Recovery.

Hydrogeologic Framework and Evaluation of the Ground Water Development Potential Beneath The City of Meridian's Test Well #28 Site, April 1, 2009.

A Nine-Day Constant-Rate-Discharge Aquifer Test of the SVR #7 Test Well In Big Gulch, North Ada County, Idaho, Consultant's report issued January 20, 2009

Thirteen-Day Constant-Discharge Aquifer Test of the Wickenburg Ranch Supply Well #7, January 8, 2009, a Demonstration of Assured and Adequate Water Supply for the Upper Hassayampa Basin, AZ to the Arizona Department of Water Resources.

Ground Water Level Measurements the Northern Ada County Area Including the Proposed M3 Eagle Planned Community, to Dennis E. Owsley of the Idaho Department of Water Resources, Consultant's report issued March, 19. Hydro Logic, Inc., 2008a. Technical Memorandum.

Modeling of Groundwater Flow in the Pierce Gulch Sand Aquifer: Five Models: History, Updates and Predictions of Impacts Caused by Pumping at the M3 Eagle Planned Residential Community, Ada County, Idaho. Consultant's report issued November 26. Hydro Logic, Inc., 2008c.

Re-analysis of 16 Aquifer Tests in the Greater Eagle-Star Area of North Ada County, Idaho. Consultant's report issued July 4, 2008, Utting, M. and Squires, E., 2008.

M3 Eagle Regional Hydrogeologic Characterization, North Ada, Canyon and Gem Counties, Idaho One-Year Progress Report. Consultant's report issued May 4. Squires, E., Utting, M., and Pearson, L.H., 2007.

Baseline Surface Water Quality Estimation For Streams In the Tamarack Resort Area, Donnelly, Valley County, Idaho, March 15, 2007, Streamflow and geochemistry monitoring of four mountain streams 2002-2007.

Movement of Dissolved Constituents From Surface to Groundwater and Analysis of Hydrochemical Trends in the Boise Aquifer, 2006, research paper in preparation with D. Glanzman.

Baseline Surface Water Quality Estimation For Streams In the Tamarack Resort Area, Donnelly, Valley County, Idaho: 2006, a four-year study to develop baseline geochemical signatures and annual flow rates/volumes for six area streams using the Probability Plot Analysis method.

Hydrogeologic Evaluation of the Feasibility for Ground Water Development Beneath the Miller Gulch Area of the Terteling Ranch in the Boise Foothills, Ada County, Idaho With Emphasis on Water Quality / Geochemistry: 2005, a report on the drilling, design, construction, and sampling of the Miller Gulch exploratory test-well bore and piezometer nest.

Options for Additional Ground Water Development and Replacement of the City of Caldwell's #7 Supply Well: 2005, a report on the drilling, design, construction, and sampling of an exploratory test-well and long-term dedicated piezometer nest/monitoring well at the City of Caldwell's existing municipal water supply well site, prepared for the City of Caldwell, Idaho Department of Public Works.

Boise Valley Groundwater Geochemistry – Origin, Infiltration Rate, and Transport Characteristics: 2005, abstract submitted to the 15th Annual Goldschmidt Meeting of international geochemists, co-author with Dick Glanzman, CH2M Hill Denver.

Treasure Valley Hydrologic Project Seismic Survey and Hydrogeologic Framework Study, 2003, research paper in preparation with Dr. S.H. Wood, and Lee Liberty of BSU.

Compilation of Drilling, Geological, Geophysical, Geochemical, and Hydraulic Testing Data for the City of Meridian, Idaho's

Groundwater Supply: Including Detailed Well-Construction Information and Aquifer Pressure Measurements From a Long-Term Groundwater Monitoring Well Network, 2003, data compilation from a ten-year hydrogeologic study funded by the City of Meridian.

City of Meridian, Idaho Source Water Protection Plan: 2003, prepared for the Idaho Department of Environmental Quality and the City of Meridian Department of Public Works.

Details of Drilling, Construction, and Hydraulic Testing of the Idaho State Correctional Institution #4 Supply Well, 2002, a report prepared for the Idaho Division of Public Works.

Results and Analysis of the 2001 Aquifer Testing for the Municipal Water Supply of the Proposed WestRock Resort, Donnelly, Valley County, Idaho: 2002, A report prepared for the Idaho Department of Water Resources.

Causative Factors of Detachment of the Mountain Home #1 Municipal Supply Well Pump With Details of the Recovery Effort: 2002, A report prepared for Ringert Clark Chartered Lawyers.

Evaluation, Abandonment, and Proposed Replacement of the Capitol Water Corporation's #5 (Lubkin) Municipal Supply Well 1999-2002: 2001, A report on the history of repair, the occurrence of volatile organic compounds, and the abandonment of an aging supply well in preparation for replacement of the #5 well with a new facility.

Preliminary Evaluation of the Well Construction, Present Down Hole Conditions, and Sustainable Yield of the Garden City #5 Municipal Well: 2001, A report the Garden City Public Works Department.

Stratigraphic Studies of the Boise (Idaho) Aquifer System Using Borehole Geophysical Logs With Emphasis on Facies Identification of Sand Aquifers: 2000, Report to the Treasure Valley Hydrologic Project, Idaho Department of Water Resources, (co author with Dr. S.H. Wood).

Geophysical signatures of lacustrine facies: Experience from Hydrostratigraphic Studies of temperate Neogene Lake Idaho sediments and aquifers, U.S.A., Abstract of the General symposium, 3-1 Lacustrine Sedimentation, 31st International Geological congress, Rio de Janeiro, Brazil, August 6-11, 2000 Wood, S.H., Liberty, L., and Squires, E.

Hydrogeology, Geochemistry, and Well Construction of the Treasure Valley Hydrologic Project Monitoring Well #1, Ada County, Idaho: , 1999, Final report to the Technical Advisory Committee (co-author).

Supporting Data for the Groundwater Conditions and Aquifer Testing of the Tenmile Ridge Area of South Boise, Ada County, Idaho: 1998.

Implications of Well-Construction to Aquifer Water-Quality: Some Observations: (principal author), 1997, Southwest Idaho Subsection – Pacific Northwest Section of the American Water Works Association; in Southwest Idaho As An Example of Ground Water Development in the Northwest Intermountain Region, Speakers Expanded Abstracts

City of Meridian #15 Production Well; Discovery of a New, Good-Quality Aquifer: 1994, Professional report to the City of Meridian, Idaho.

Groundwater Conditions and Hydraulic Testing of the Boise-Fan Aquifer of Southeast Boise River Valley, Ada County, Idaho: 1993, Report to Boise Water Corporation. (principal author).

City of Meridian #14 Production Well: 1993, A new large-capacity municipal-supply well is completed in response to unprecedented 18% growth. Report to City of Meridian, Idaho.

Hydrogeologic Framework of the Boise Aquifer System, Ada County Idaho: 1992, Project Completion Technical Report, Idaho Water Resources Research Institute, University of Idaho, Moscow, Idaho, 109 pages. (principal author)

An Irrigation Well for the Les Bois Invitational Soccer Tournament Incorporated, 1992, professional report to Boise Water Corporation, 42 pages. (sole author)

Hydrogeologic Investigation for the Proposed State of Idaho, Department of Transportation Blacks Creek Rest Area, Ada County, Idaho: 1992, report to Idaho Department of Transportation, 38 pages. (principal author)

Investigation of Groundwater in the Tenmile Ridge Area of South Boise, Idaho: 1989. Report to Boise Water Corporation. (principal author)

Origin of Granophyres in the Vandfalsdalen Macrodiike, East Greenland: 1989, Evidence for Assimilation and Magma Mixing. GSA Abs. with Programs. (co-author)

Crustal Assimilation and Coexisting Silicic and Mafic Magmas in the Vandfaldalen Macrodiike, East Greenland: Continental Magmatism Abstracts (IAVCEI): New Mexico Bureau of Mines and Mineral Resources Bulletin 131. (co-author)

Analysis of Historical and Current Water-level and Production Data from the Boise Geothermal System: 1988, Geological Society of America Abstracts. (co-author)

Preliminary Geology and Hydrogeology of the Mayfield/Orchard Area, Elmore and Ada Counties, Southwest Idaho: 1988,

(Best Undergraduate Paper in Physical Sciences), in Program and Abstracts, 30th Annual Meeting of the
Idaho Academy of Science. (sole author)

Geologic Study of Groundwater in Deep Wells, Southeast Boise Area: 1987. Report to Boise Water Corporation.

Mark Utting
Principal Hydrogeologist

Education and Other Qualifications

M.S. Geology (Hydrogeology), 1978, University of British Columbia, Canada
B.S. Geology (Geomorphology, Surficial Hydrology), 1974, University of Washington
Registered Professional Geologist, State of Idaho, No. 1016

Professional Experience

Prior to joining Hydro Logic, Inc., Mr. Utting has over 23 years experience in the field of hydrogeology. He has conducted projects throughout the Northwest US, the Middle East and Mexico. From 1987 to 2000 Mr. Utting was president, co-founder and principal hydrogeologist of Pacific Groundwater Group, a northwest consulting firm specializing in groundwater resource evaluation and management and in groundwater pollution assessment and control. Prior to that, he worked as a Senior Project Hydrogeologist for Hart Crowser Inc. from 1979-1987.

Mr. Utting provides well-rounded expertise in all aspects of hydrogeologic consulting, including groundwater development, aquifer management, contamination assessment, and soil and groundwater cleanup. Mr. Utting has led over 200 successful groundwater-related projects. Among the services he has provided to industrial, governmental and private clients are wellfield and aquifer development studies, regional groundwater evaluations, major industrial site assessments and pollution cleanups (including work in Superfund areas), negotiations with regulatory agencies on behalf of his clients, and expert testimony. Mr. Utting's expertise includes the assessment of the effects of groundwater pumping on river flows (surface water-groundwater interactions) and saltwater intrusion. Another field of expertise is unsaturated flow. As part of his graduate studies at the University of British Columbia, he developed field methods to evaluate hydraulic parameters in the unsaturated zone. Mr. Utting's previous employment includes work with Exxon's coal division, where he performed detailed geologic mapping, air photo interpretation, and resource evaluations.

Representative Project Experience

- Principal hydrogeologist for Hydro Logic, Inc. with respect to aquifer test analyses and hydrologic water budget for the M3 Eagle planned community in the North Eagle foothills
- Conducted a multi-year, multi-million dollar hydrogeologic characterization in support of developing water rights for the City of Auburn, Washington in the context of Endangered Species Act listing for native fish. The relationship between groundwater and two surface water basins was quantified. The project required installing dozens of test and monitoring wells; assessing strategies for wellhead protection; and quantifying the interaction between groundwater and surface water. Production wells with sustainable yields of 2,500 to 5,000 gallons per minute were then installed.
- Implemented various numerical and analytical models for dewatering projects, industrial and municipal projects, and groundwater development projects to evaluate aquifer response and/or contaminant transport under different pumping regimes.

- Designed and conducted a major groundwater resource evaluation for the southern coast of the Mexican state of Nayarit. The project assessed groundwater recharge, saltwater intrusion potential, groundwater capture areas and groundwater pollution potential for the region. The project was presented to top governmental officials including two governors, ministers and technical staff.
- Helped to select the optimal site and then permit Washington's regional landfill in Klickitat County, Washington, after characterizing the hydrogeology various sites; designing, installing, and testing dozens of wells up to 1500 feet deep; conducting geophysical assessments and evaluating multi aspects of the subsurface and surficial hydrology.
- Designed and tested numerous production wells ranging from 1 to 5,000 gpm for various municipalities, counties, state agencies and private water systems in Washington and Alaska, along with review of well designs and testing in Oman, China, Mexico and Thailand.
- Assessed the groundwater resources and development potential of five Washington counties as part of Coordinated Water System and Groundwater Management Plans.
- Assessed the groundwater flow directions, potential impacts of a waste pond on groundwater resources and made recommendations for well and aquifer testing in rural eastern Oregon.
- Evaluated mountain-front recharge and its impacts to coastal aquifers for a USAID project in Oman, Arabian Gulf. The project required extensive field reconnaissance and interaction with groundwater professionals within the country.
- Prepared hydrogeologic characterizations for several gravel mines in western Washington.
- Provided analysis, technical expertise and testimony to the Pollution Control Board of Washington in support of contested water rights for the City of Sequim granted by the Department of Ecology. The water rights were allowed to stand as granted.
- Conducted a Remedial Investigation/Feasibility Study under State "superfund" laws (MTCA) for the cleanup of an industrial site in eastern Washington. The site, which was contaminated with a mixture of heavy and light hydrocarbons, featured a nearby landfill, an automotive wrecking yard, and industrial manufacturing facilities. Groundwater at the site was hydraulically connected to three nearby ponds, complicating the characterization. The site was successfully cleaned up.
- Reviewed agricultural waste monitoring data to assess the impacts of various disposal practices in Western and Eastern Washington.
- Reviewed reports, data and testimony to support a citizen's group in the opposition of a regional landfill that was proposed for a hydrogeologically unsuitable location. After extensive analysis and numerous testimonies including court room, television and EPA Sole Source Aquifer hearings, final permits for the landfill were not issued and the landfill was not constructed.

References available upon request

Figure 1.
Key Hydrologic Features
South Leigh Creek Area
March 15, 2010

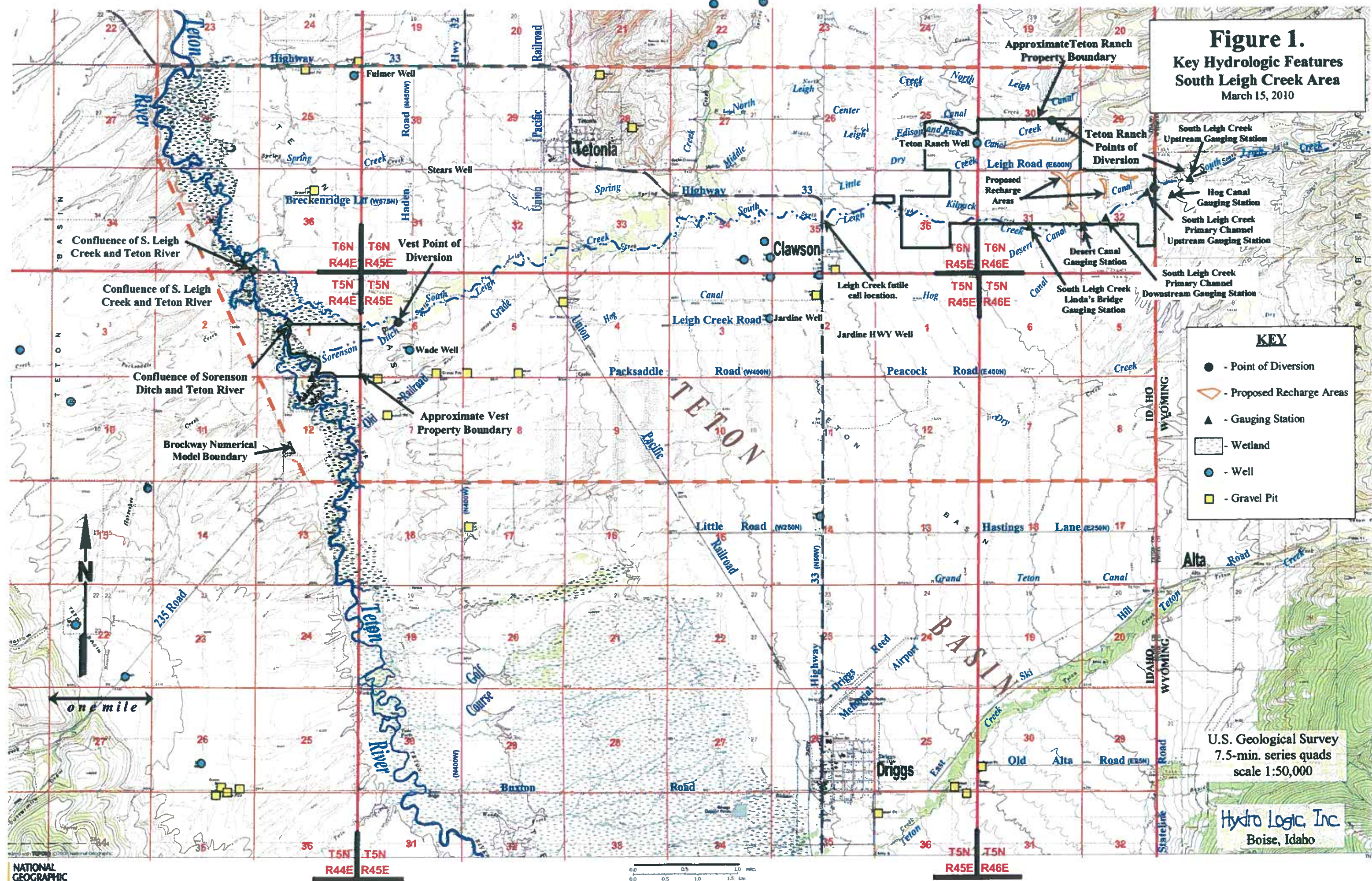
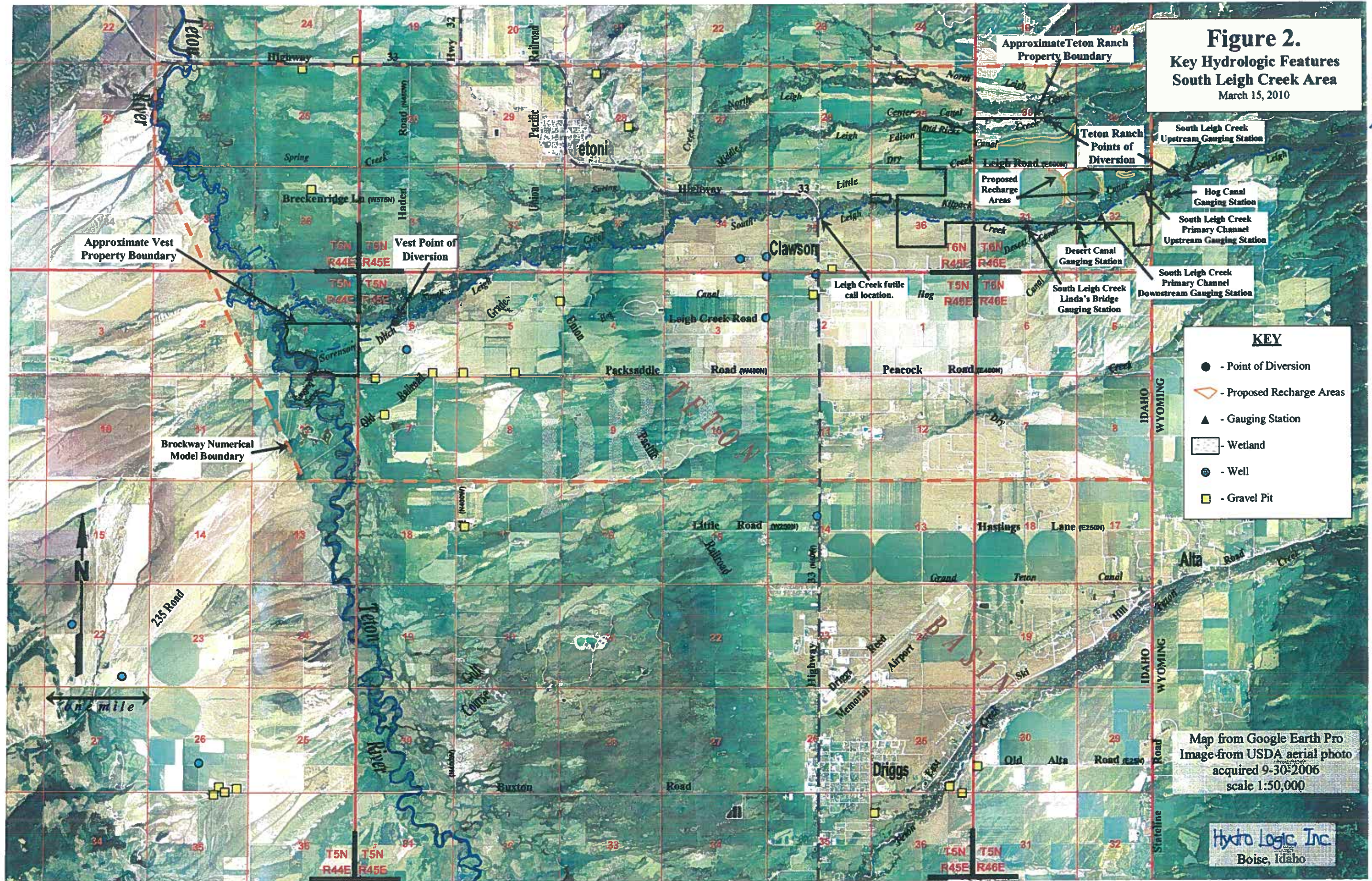


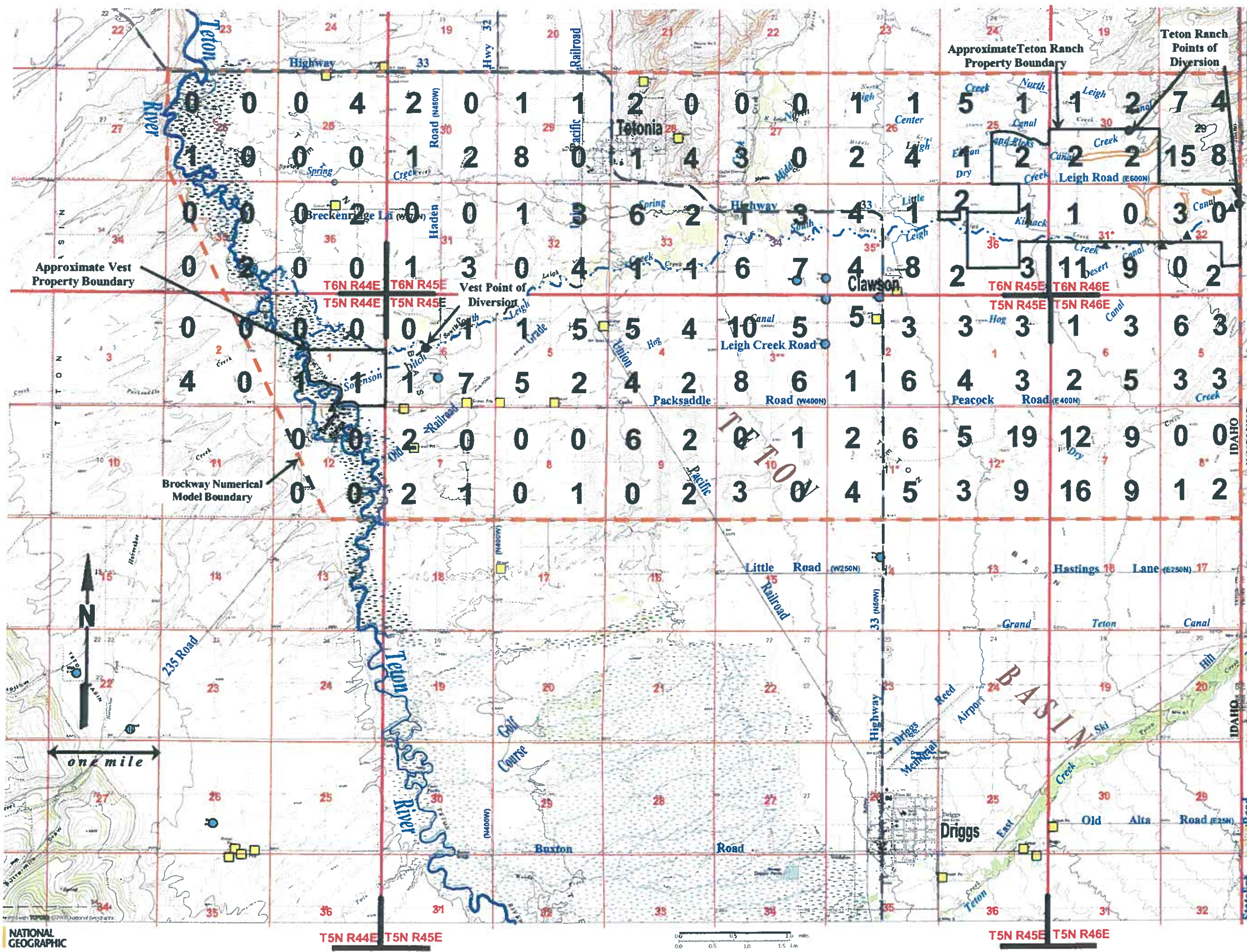
Figure 2.
Key Hydrologic Features
South Leigh Creek Area
March 15, 2010



Map from Google Earth Pro
Image from USDA aerial photo
acquired 9-30-2006
scale 1:50,000

Hydro Logic, Inc.
Boise, Idaho

Figure 3.
Wells Plotted by Quarter
Section in the
South Leigh Creek Area
 December 8, 2009



Number of Wells by Quarter-Section (160 acres) in the South Leigh Creek Area

The number of wells within each quarter-section (160 acres) is indicated by the large numerals on the grid. Data were derived from the Idaho Department of Water Resources on-line database as of November 2009. Some wells may be missing and others may be mislocated on the Driller' Reports. Township and range boundaries are denoted in red. Section numbers with an asterisk(s) next to them indicate additional well(s) in section with unreported quarter-sections. The number of asterisks equals the number of wells with unreported locations.

KEY

- - Point of Diversion
- ◊ - Proposed Recharge Areas
- ▲ - Gauging Station
- - Wetland
- - Well
- - Gravel Pit

Hydro Logic, Inc
 Boise, Idaho
 U.S. Geological Survey
 7.5-min. series quads
 scale 1:50,000

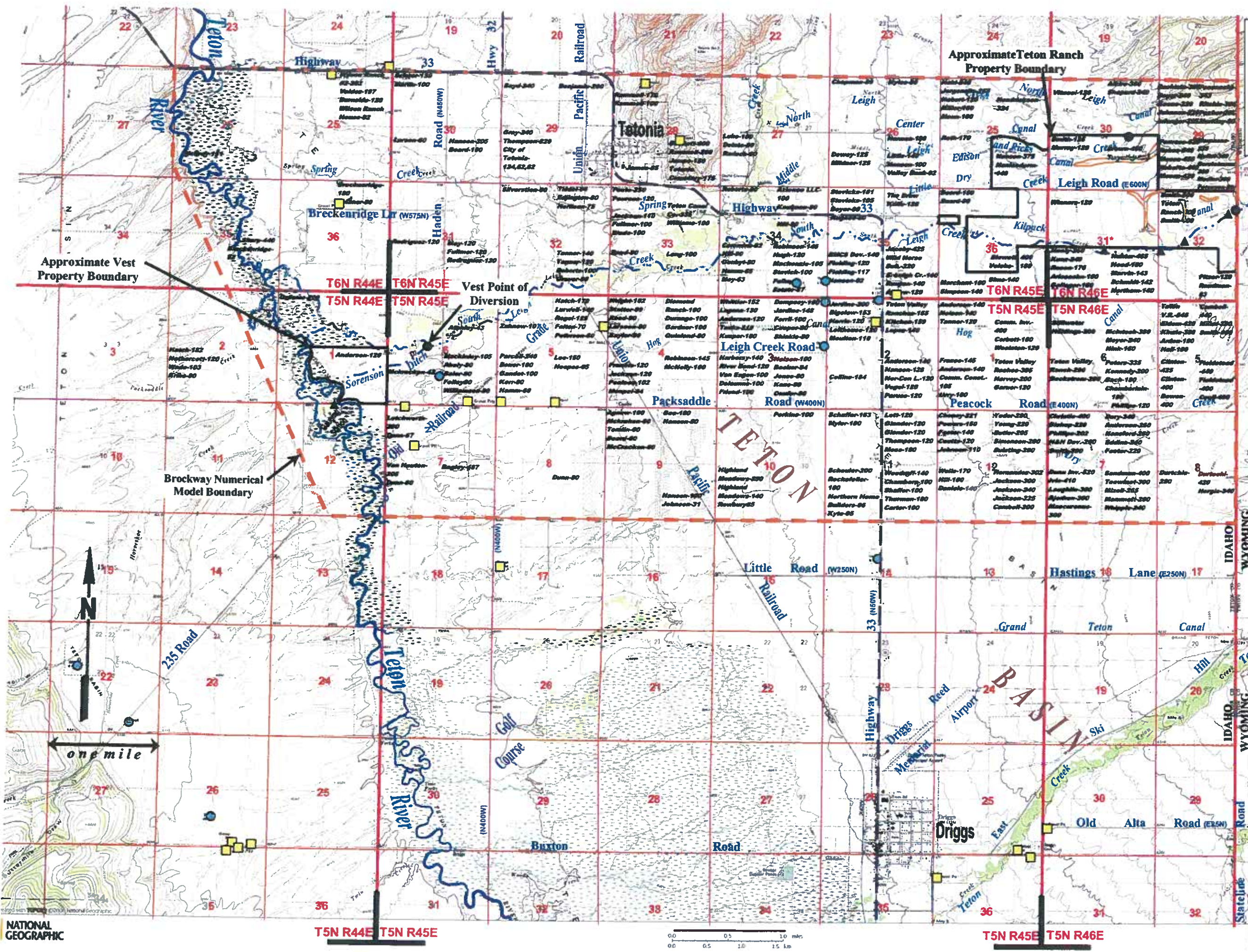


Figure 4.
Owner and Depth of the
Four Deepest Wells Plotted
by Quarter Section in the
South Leigh Creek Area
December 8, 2009

**Regional Well Location and
Depth Map** showing recorded
wells in proximity to South Leigh
Creek.

Owing to space constraints, no more than five wells are shown for any given ¼ section. If five wells are shown, these are the five deepest wells located within that ¼. If less than five wells are shown, all recorded wells within the ¼ are listed. For a listing of the total numbers of recorded wells in the area, refer to Hydro Logic, Inc.'s "Well Density Map" and/or "Well Data Tabulation."

Water well locations were plotted from available driller's logs within the IDWR's electronic web-site data-base.

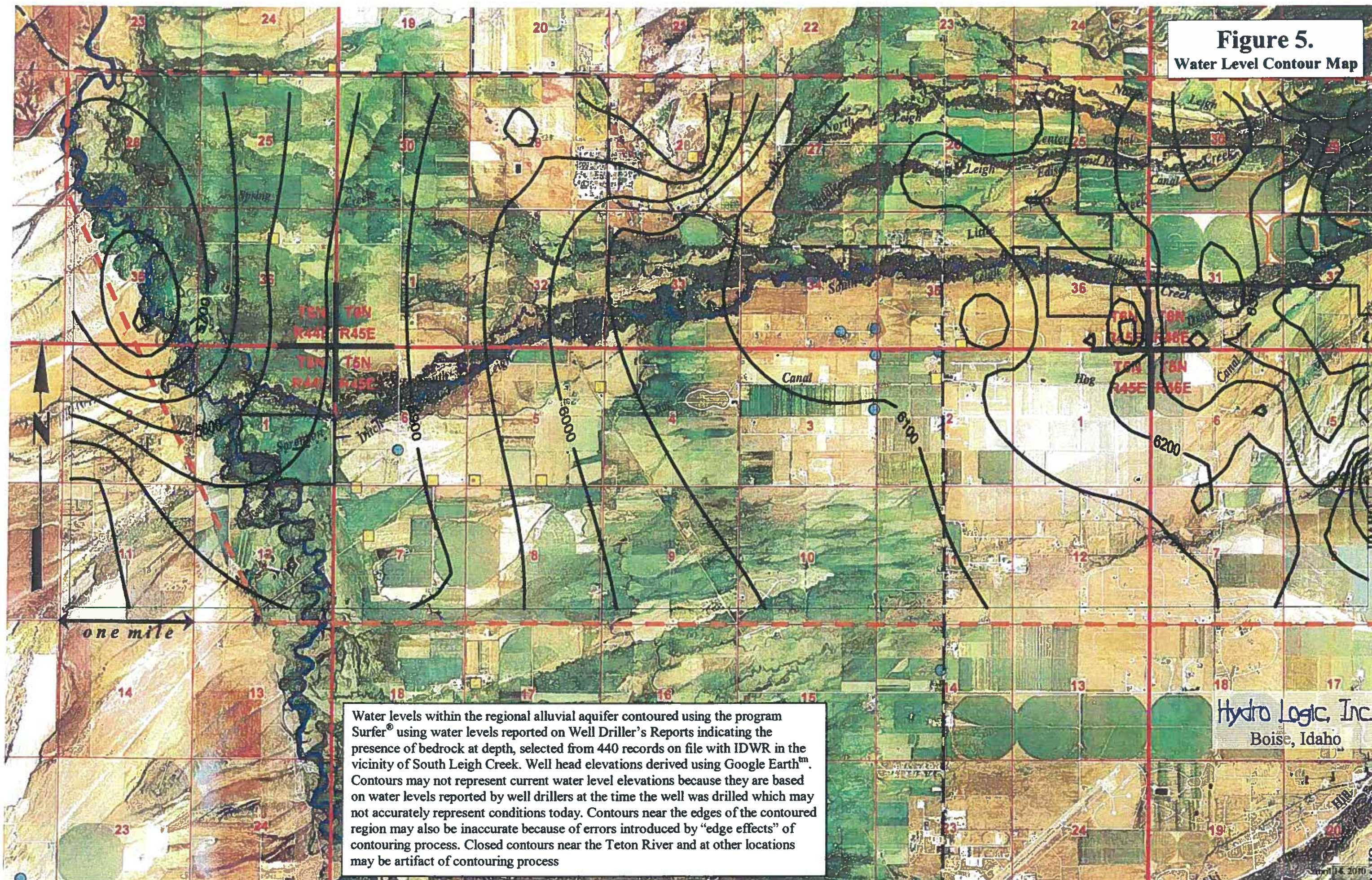
Township and range boundaries are denoted in red.

KEY

- - Point of Diversion
- ◊ - Proposed Recharge Areas
- ▲ - Gauging Station
- - Wetland
- - Well
- - Gravel Pit

Hydro Logic, Inc.
Boise, Idaho
U.S. Geological Survey
7.5-min. series quads
scale 1:50,000

Figure 5.
Water Level Contour Map



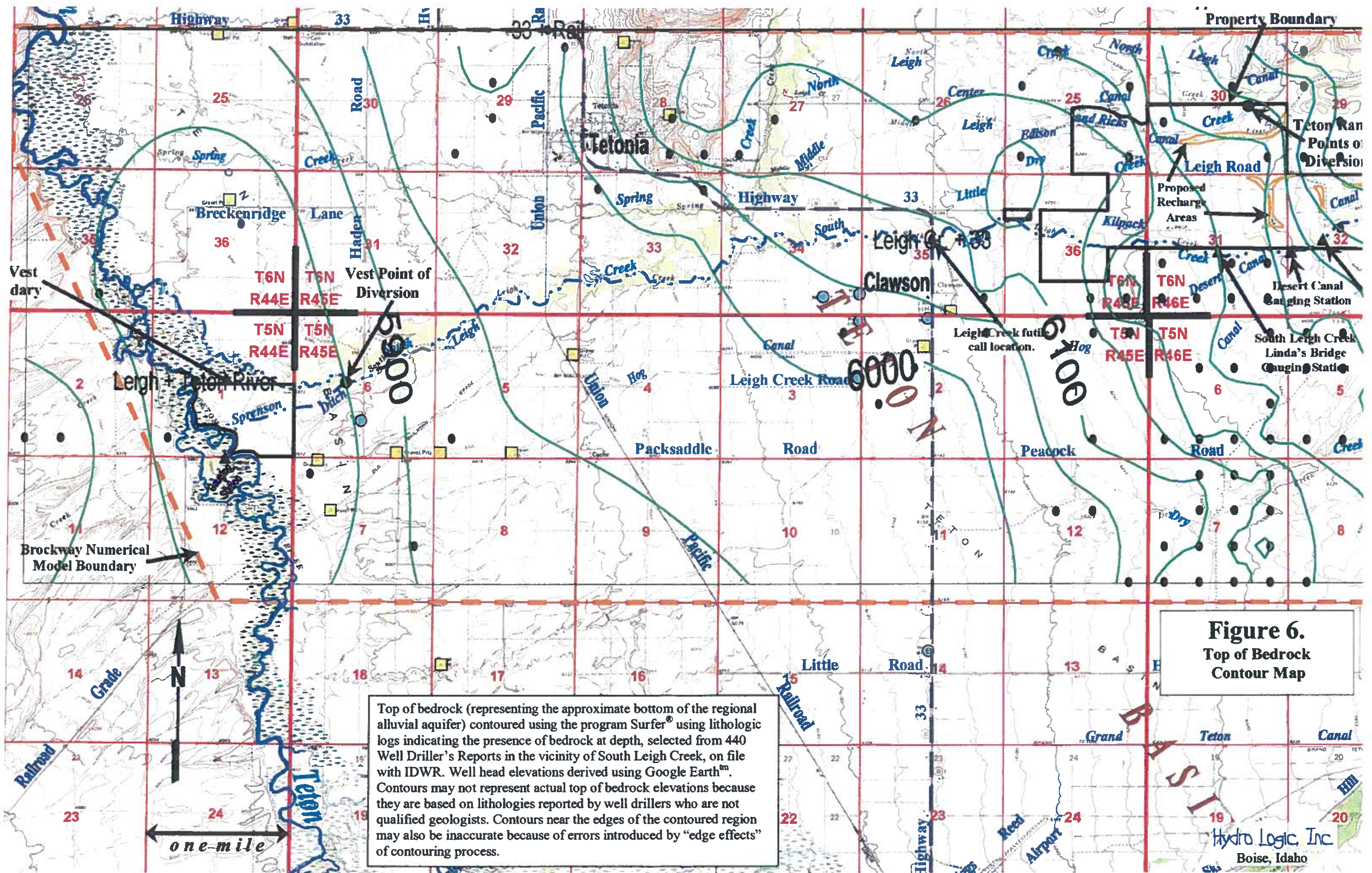
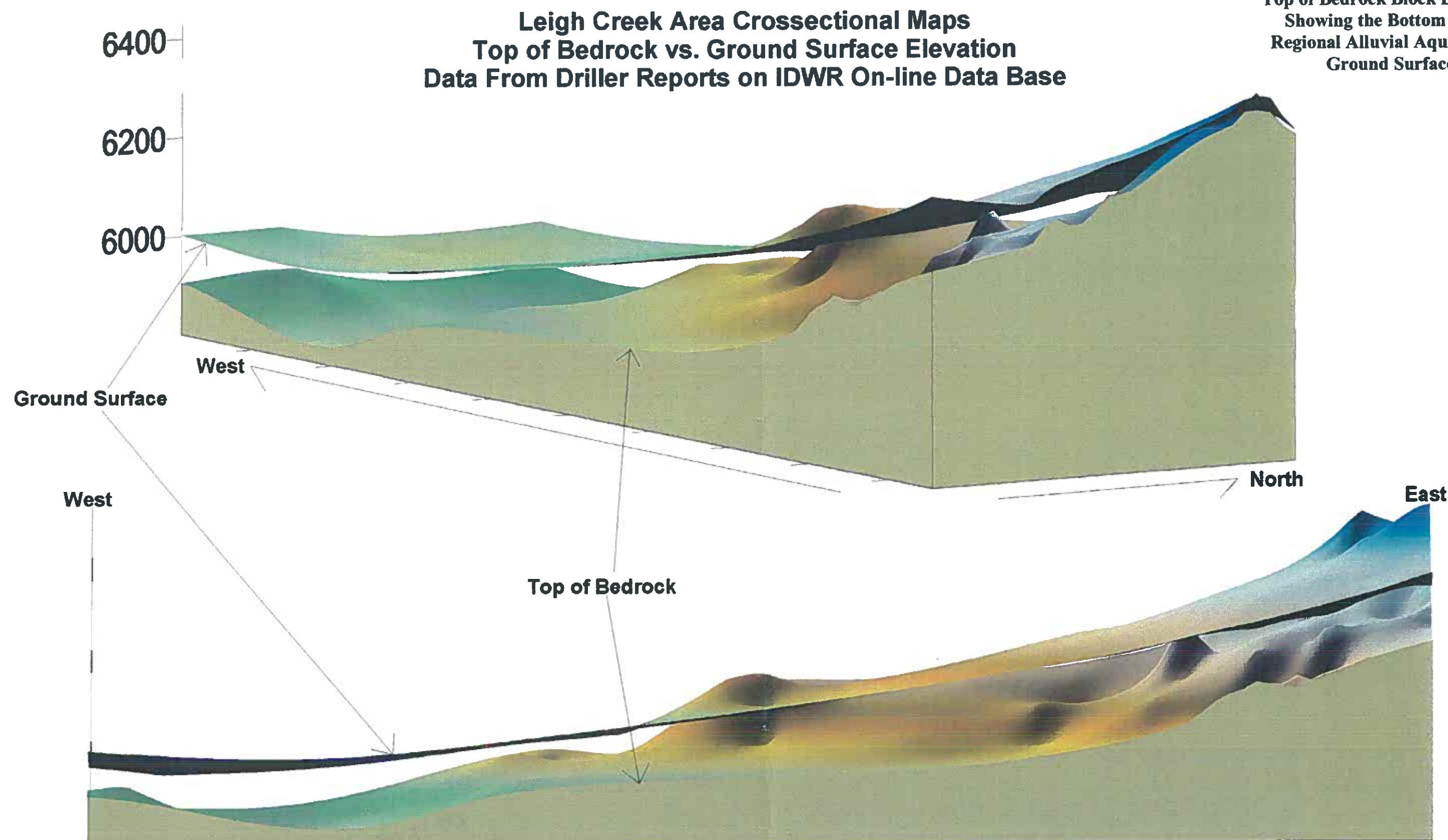


Figure 7.

**Top of Bedrock Block Diagrams
Showing the Bottom of the
Regional Alluvial Aquifer and
Ground Surface**



Top of bedrock (representing the approximate bottom of the regional alluvial aquifer) contoured using the program Surfer® and presented as two block diagrams using lithologic logs included on Well Driller's Reports selected from 440 records indicating the presence of bedrock at depth, on file with IDWR in the vicinity of South Leigh Creek. Well head elevations derived using Google Earth™. Contours may not represent actual top of bedrock elevations because they are based on lithologies reported by well drillers who are rarely trained in lithologic interpretation. Contours near the edges of the contoured region may also be inaccurate because of errors introduced by "edge effects" of contouring process.

Figure 8. Bedrock Outcrop Near the Boundary of Brockway's Model Area.



a) Photo taken near the head gate of the Killpack Canal diversion structure (on South Leigh Creek) showing bedrock outcrop upslope of flow monitoring weir. The weir and bedrock lie near the edge of the area modeled by Brockway as having a regional alluvial aquifer.



b) Photo showing large exposure of bedrock (Paleozoic sedimentary rocks) taken near head gate of the Kilpack Canal diversion structure. Bedrock outcrops just upslope from the flow control assembly for the diversion.

Figure 8.

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Department of Water Resources
Eastern Region

Appendix A: Well Construction Details Of Wells In the South Leigh Creek Area Of Eastern Teton County, Idaho

From Well Driller's Reports In IDWR's On-Line Database

Well ID	Range	Section	Original Well Owner	Acres U1/4	Acres U4	Year Completed	Drilled Depth (feet)	Weller	Drilling Method	Butter	Seal Depth (feet)	Annular Seal Type	Use of Water	Yield/ Drawdown (gpm/foot)	Casing Diameter (inches)	Casing Depth (feet)	Casing Type	Top of Casing	Bottom of Casing	Top of Well	Remarks	Comments
6N 44E 1	Range 44E	Section 1	Grooms, Rob	NW SW	SE SW	2004	200	130	Air Rotary	Handsets	20	Bentonite	Domestic	16 / -	6	200	Perforated	180	200	130		
6N 44E 2	Range 44E	Section 2	Anderson, Bill	NW SW	SE SW	2007	120	60	Air Rotary	High Plains	20	Bentonite	Domestic	30 / -	6	120	Open	120	120	87		
			Matheroff, Joe	SE SW	SE SW	2006	120	60	Air Rotary	High Plains	20	Bentonite	Domestic	30 / -	6	87	Open	87	120	87		
			Heath, James	SE SW	SE SW	1978	400	94	Cable Tool	Inter Mt. Drilling	21	Cuttings	Irrigation		20	160	Perforated	30	182	66	good drilling history	
			Kids, Mary	SE SW	SE SW	2006	80	41	Air Rotary	Drilling	18	Bentonite	Domestic		6	84	Open	64	80	55		
			Wicks, Dan	SE SW	SE SW	2004	103	20	Air Rotary	Drilling	20	Bentonite	Domestic		6	77	Open	77	103	67		
6N 44E 1	Range 44E	Section 1	Connell, Russ	NE NE	NE NE	2006	160	46	Air Rotary	Drilling	18	Bentonite	Domestic		6	130	Open	130	160	130		
			Woodson, Bart	NE NE	NE NE	2002	120	75	Air Rotary	Drilling	20	Bentonite	Domestic		6	120	Open	120	120	120		
			Conn, Investment	NE NE	NE NE	1977	400	86	Cable Tool	Inter Mt. Drilling	20	Cuttings	Irrigation		20	400	Perforated	20	400	128	good drill log history	
			Nelson, Arthur	NW NW	NW NW	1998	140	27	Air Rotary	Teton Water Works	20	Bentonite	Domestic	20 / -	6	140	Open	140	140	140		
			Tanner, Tim	NW NW	NW NW	2002	120	80	Air Rotary	Drilling	20	Bentonite	Domestic		6	120	Open	120	120	120		
			Anderson, Ryan	SW SW	SW SW	2006	140	48	Air Rotary	Drilling	18	Bentonite	Domestic		6	140	Open	140	140	140		
			Anderson, Ryan	SW SW	SW SW	2007	140	64	Air Rotary	Drilling	18	Bentonite	Domestic		6	140	Open	140	140	140		
			Conn, Conn.	SW SW	SW SW	1978	105	65	Cable Tool	Drilling	20	Cuttings	Domestic		8	105	Perforated	80	105	105		
			Fraser, John	SW SW	SW SW	2001	145	70	Air Rotary	Drilling	18	Bentonite	Domestic		6	145	Open	145	145	145		
			Urry, Steve	SW SW	SW SW	1995	100	29	Air Rotary	Independent	30	Bentonite	Domestic	80 / -	8	85	Open	85	100	95		
			Teton Valley Ranches	SE SE	SE SE	1977	381	75	Cable Tool	Drilling	20	Cuttings	Irrigation		16	383	Perforated	20	385	132	"table" 132, "granite" 391	
			Gerner, Rob	SE SE	SE SE	2002	120	60	Air Rotary	Drilling	22	Bentonite	Domestic		6	120	Open	120	120	120		
			Harvey, Dave	SE SE	SE SE	2004	200	80	Air Rotary	Drilling	18	Bentonite	Domestic		6	148	Open	148	200	200		
6N 44E 2	Range 44E	Section 2	Kelton, Mike	NE NE	NE NE	2004	160	80	Air Rotary	Drilling	20	Bentonite	Domestic		6	168	Open	159	159	159		
			Teton Valley Ranches	NE NE	NE NE	1975	250	55	Drilling	Drilling	18	Bentonite	Irrigation		16	165	Perforated	88	165	168	"table" 168	
			Lopez, Michele	NW NE	NW NE	2002	140	87	Air Rotary	Teton Water Works	20	Bentonite	Domestic	20 / -	6	140	Open	140	140	140		
			Mason, Karl	NE NW	NW NW	2008	110	66	Air Rotary	Independent	65	Bentonite	Domestic	20 / -	6	105	Open	105	110	110		
			Harris, Dave	SW NW	SW NW	2005	120	60	Air Rotary	High Plains	40	Bentonite	Domestic	25 / -	6	120	Open	120	120	120		
			Presh, John	NW NW	NW NW	2003	100	50	Air Rotary	State Line	18	Bentonite	Domestic	25 / -	6	98	Open	98	100	100		
			Bignow, Jeremiah	SW NW	SW NW	2004	163	66	Air Rotary	High Plains	30	Bentonite	Domestic	25 / -	6	160	Open	150	153	180	Temp = 53	
			Jardine, Verla	SE NW	SE NW	1974	200	40	Cable Tool	Handsets	0	no seal	Irrigation		14	180	Perforated	50	175	180	"table" 180	
			Lobhouse, Verla	SE NW	SE NW	1977	120	47	Drilling	Drilling	18	Bentonite	Domestic		6	120	Open	120	120	120		
			Collins, Sean	NW SW	NW SW	2001	164	80	Air Rotary	Martins Well Service	20	Bentonite	Domestic		6	160	Open	160	164	170	"broken flyholes and gravel" 170	
			NW - Con Leasing	NW SE	NW SE	1994	120	62	Air Rotary	Drilling	18	Bentonite	Domestic		6	120	Open	120	120	120		
			Vogel, Denny	SW SE	SW SE	1984	120	80	Drilling	Teton Water	20	Bentonite	Domestic	30 / -	6	120	Open	120	120	120		
			Anderson, Chad	NW NW	NW NW	2005	140	25	Air Rotary	Drilling	20	Bentonite	Domestic		6	140	Open	140	140	140		
			Harrison, Aaron	NW SE	NW SE	2006	128	25	Air Rotary	Volmar	20	Bentonite	Domestic		6	128	Open	128	128	128		
			Prindle, Scott	NW SE	NW SE	1999	105	41	Air Rotary	Maverick	18	Bentonite	Domestic	25 / -	6	99	Open	99	105	105		
			Payson, Dan	NE NE	NE NE	1994	80	46	Air Rotary	Drilling	20	Bentonite	Domestic		6	79	Open	79	80	80		
6N 44E 3	Range 44E	Section 3	Cooper, Steve	NE NE	NE NE	1984	80	46	Air Rotary	Drilling	18	Bentonite	Domestic		6	79	Open	79	80	80		
			Dempsey, Ship	NE NE	NE NE	1999	160	25	Air Rotary	Teton Water Works	2	Bentonite	Domestic	6 / -	6	100	Open	100	100	100		
			Funk, Lynn	NE NE	NE NE	1993	100	12	Cable Tool	Drilling	20	Bentonite	Domestic		6	100	Open	100	100	100		
			Shultz, Vern	NW NE	NW NE	1989	80	23	Air Rotary	Drilling	20	Bentonite	Domestic		6	78	Open	78	80	80		
			Jardine, Verla	SE NE	SE NE	1977	148	24	Cable Tool	Inter Mt. Drilling	18	Cuttings	Irrigation		16	148	Perforated	32	148	148		
			Anderson, David	NE NW	NE NW	2003	120	60	Air Rotary	High Plains	20	Bentonite	Domestic	60 / -	6	120	Open	120	120	120		
			Lagana, Brett	NE NW	NE NW	1997	130	18	Cable Tool	High Plains	20	Bentonite	Domestic		6	130	Open	130	130	130		
			Oakwood Homes	NW NW	NW NW	2002	100	30	Air Rotary	Teton Water Works	20	Bentonite	Domestic	20 / -	6	100	Open	100	100	100		
			King, Arnold	NW NW	NW NW	1993	80	48	Air Rotary	High Plains	20	Bentonite	Irrigation	300 / 10	10	80	Perforated	60	80	80	Temp = 50	
			Madden, Bill	W NW	W NW	1994	66	40	Drilling	Teton Water Works	20	Bentonite	Domestic	35 / -	6	66	Open	66	66	66		
			Madden, Bill	W NW	W NW	1994	66	45	Drilling	Teton Water Works	20	Bentonite	Domestic	25 / -	6	66	Open	66	66	66		
			Quinn, Tim	NW NW	NW NW	2007	100	16	Air Rotary	Drilling	18	Bentonite	Domestic	40 / -	6	100	Open	100	100	100		
			Tanka, Bruce	NW NW	NW NW	2001	110	35	Air Rotary	Independent	20	Bentonite	Domestic	50 / -	6	109	Open	109	110	110		
			Winkler, Monte	SW NW	SW NW	1993	162	106	Cable Tool	Teton Water	20	Bentonite	Domestic		6	162	Open	162	162	162		
			Kupper, Andy	SE NW	SE NW	2005	100	45	Air Rotary	Drilling	18	Bentonite	Domestic	25 / -	6	100	Open	100	100	100		
			Henderson, Ron	NE NE	NE NE	2003	140	70	Air Rotary	State Line	20	Bentonite	Domestic		6	120	Open	120	120	120		
			River Bend Canal	NE NE	NE NE	2002	120	73	Air Rotary	Teton Water Works	20	Bentonite	Domestic	20 / -	6	120	Open	120	120	120		
			Van Egen, Dave	NE NE	NE NE	1997	100	60	Air Rotary	Teton Water Works	20	Bentonite	Domestic	30 / -	6	100	Open	100	100	100		
			Baker, Floyd	SW SW	SW SW	1977	60	23	Drilling	Drilling	21	Bentonite	Domestic		6	80	Open	60	60	60		

Appendix A: Well Construction Details Of Wells In the South Leligh Creek Area Of Eastern Teton County, Idaho
From Well Driller's Reports In IDWR's On-Line Database

Well ID	Range	Section	Original Well Owner	Acres 1/4	Acres 1/4	Year Completed	Built Depth (feet)	Water Level (feet)	Drilling Method	Driller	Seal Depth (feet)	Annular Seal Type	Use of Water	Yield/ Drawdown (gpm/foot)	Casing Diameter (inches)	Casing Depth (feet)	Opening Type	Top of Opening	Bottom of Opening	Top of Bedrock	Comments
6N	44E	3	Quibell, Don	SE	SW	1996	100	32	At Rotary	Teton Water Works	20	Bentonite	Domestic	40 / -	6	100	Open	100	100		
			Quibell, Don	SE	SW	1991	65	15	At Rotary	Independent	18	Cuttings	Domestic	30 / -	6	85	Open	85	85		
			Fried, Todd	SE	SW	1996	100	64	At Rotary	Teton Water Works	20	Bentonite	Domestic	30 / -	6	100	Open	100	100		
			Hale, Kent	SE	SW	1994	60	15	At Rotary	Teton Water Works	20	Bentonite	Domestic	35 / -	6	60	Open	60	60		
			Jones, Keith	NE	SE	1994	80	25	At Rotary	Teton Water Works	20	Bentonite	Domestic	30 / -	6	80	Open	80	80		
			Kane, Russ	NE	SE	2000	80	36	At Rotary	High Plains	25	Bentonite	Domestic	30 / -	6	80	Open	80	80		Temp = 50
			Owder, Christian	NE	SE	2001	80	17	At Rotary	Independent	20	Bentonite	Domestic	30 / -	6	79	Open	79	80		
			Reynolds, Larry	NE	SE	1997	80	8	At Rotary	Teton Water Works	20	Bentonite	Domestic	30 / -	6	80	Open	80	80		
			Nelson, Brad	SW	SE	2006	100	46	At Rotary	Matchell	20	Bentonite	Domestic	20 / -	6	99	Open	99	100		
			Booker, Dave	SE	SE	2001	84	35	At Rotary	Danning	18	Bentonite	Domestic		6	84	Open	84	84		
			Seaton, Earl	S	N	1982	142	11		Cops			Irrigation		16	139	Perforated	133	142		
6N	44E	4	Farnsworth, Becky	NE	NE	2001	65	17	At Rotary	Danning	19	Bentonite	Domestic		6	63	Open	63	65		
			Diamond Ranch	NE	NE	2007	100	20	At Rotary	Matchell	20	Bentonite	Domestic	50 / -	6	99	Open	99	100		
			Durango, Dennis	SW	NE	2005	100	15	At Rotary	Danning	20	Bentonite	Domestic		6	100	Open	100	100		
			Quintard, Pete	SW	NE	2007	80	16	At Rotary	Danning	19	Bentonite	Domestic		6	80	Open	80	80		
			Gardner, Judy	SE	NE	2004	100	10	At Rotary	State Line	18	Bentonite	Domestic	25 / -	6	98	Open	98	100		
			Wright, L.G.	NE	NW	1981	102	78	At Rotary	Danning	18	Cuttings	Domestic		6	102	Open	102	102		
			Reed, Philip	NW	NW	1990	80		At Rotary	Danning	18	Bentonite	Domestic		6	79	Open	79	80		
			Larson, Eric	SW	NW	2008	80	20	At Rotary	Danning	25	Bentonite	Domestic		6	80	Open	80	80		
			Stetler, Harry	SE	NW	2005	99	18	At Rotary	Danning	20	Bentonite	Domestic		6	99	Open	99	99		
			Bayler, Eric	SE	NW	2007	80	20	At Rotary	Danning	20	Bentonite	Domestic		6	80	Open	80	80		
			Francis, Sarah	NW	SW	2004	120	27	At Rotary	Andrew	18	Bentonite	Domestic	30 / -	6	118	Open	118	120		
			Hempel, Robt	SW	SW	2001	84	20	At Rotary	Danning	18	Bentonite	Domestic		6	84	Open	84	84		
			Jackson, Judy	SW	SW	2005	120	27	At Rotary	Danning	20	Bentonite	Domestic		6	120	Open	120	120		
			Passion, Shirley	SW	SW	1975	102	8	At Rotary	Hopkins Bros.	18	Cuttings	Domestic		6	102	Open	102	102		
			McNelly, Blaine	NE	SE	2004	100	66	At Rotary	Danning	18	Bentonite	Domestic		6	99	Open	99	99		
			Robinson, Harold	NE	SE	2001	145	35	At Rotary	Danning	20	Bentonite	Domestic		6	144	Open	144	145		
			Peterson, Brent	NE	NE	1992	80	20	At Rotary	Danning	18	Bentonite	Domestic		6	80	Open	80	80		
			Luvel, Dave	NW	NE	2007	126	23	At Rotary	Vulcan	18	Bentonite	Domestic	25 / -	6	125	Open	125	125		
			Rogel, Sara	NW	NE	1997	140	80	At Rotary	Teton Water Works	20	Bentonite	Domestic		6	140	Open	140	140		
			Hutch, Jen	SW	NE	1977	170	26	Cable Tool	Inter Mt. Drilling	18	Cuttings	Irrigation		16	170	Perforated	20	170		
			Fisher, Frank	SE	NE	1988	70	30	At Rotary	Danning	18	Bentonite	Domestic		6	70	Open	70	70		
			Zabnow, Vernon	NE	NW	1976	107	32	Cable Tool	Ridgway	17	Cuttings	Domestic	40 / -	6	105	Open	105	107		
			Hamm, William	NE	SW	1999	80	38	At Rotary	Danning	20	Bentonite	Domestic		6	59	Open	59	60		
			Kerr, Myra	NW	SW	2003	80	40	At Rotary	Danning	20	Bentonite	Domestic		6	80	Open	80	80		
			Borer, Jeff	SW	SW	2007	100	25	At Rotary	Danning	18	Bentonite	Domestic		6	100	Open	100	100		
			Ganesh, Charles	SW	SW	2006	100	20	At Rotary	Danning	18	Bentonite	Domestic		6	100	Open	100	100		
			Parcell, Karl	SW	SW	1999	240		At Rotary	Danning	18	Bentonite	Domestic		6	118	Open	118	240		86
			Hoopers, Maiken	SW	SE	1994	65	28	Cable Tool	Nelson	18	Bentonite	Domestic	30 / 5	6	64	Open	64	65		
			Lee, Jerald	SE	SE	1977	150	10	Cable Tool	Inter Mt. Drilling	18	Cuttings	Irrigation		16	30	Perforated	20	120		
6N	44E	6	Achley, Abnizo	SE	NE	1962	43	4		Andrew			Domestic		6	43	Open	43	43		
			McCracken, Henry	NE	SW	1982	42	10	At Rotary	Danning	18	Bentonite	Domestic		6	41	Open	41	42		
			Ashey, Brian	NW	SE	2007	90	35	At Rotary	Danning	20	Bentonite	Domestic		6	78	Open	78	80		
			Macchery, Matt	SW	SE	2007	105	27	At Rotary	Independent	20	Bentonite	Domestic	30 / -	6	103	Open	103	105		
			Bahr, Eric	SE	SE	2006	80	30	At Rotary	Danning	18	Bentonite	Domestic		6	80	Open	80	80		
			Bas, Roy	SE	SE	2008	60	20	At Rotary	Danning	20	Bentonite	Domestic		6	59	Open	59	60		
			Foley, Travis	SE	SE	2006	80	21	At Rotary	Danning	18	Bentonite	Domestic		6	80	Open	80	80		
			Ringel, Logan	SE	SE	2001	59	35	At Rotary	Danning	20	Bentonite	Domestic		6	59	Open	59	59		
			Williamson, Adam	SE	SE	2008	80	30	At Rotary	Danning	20	Bentonite	Domestic		6	80	Open	80	80		
6N	44E	7	Lachwork, Sharyl	NW	NW	2004	290	105	At Rotary	Danning	20	Bentonite	Domestic		6	200	Open	200	290		Playoffs "180"
			Dean, Harold	SE	NW	1974	67	20	At Rotary	Hopkins Bros.	18	Cuttings	Domestic		6	67	Open	67	67		
			Dunn, H.D.	NW	SW	1995	60	10	At Rotary	Danning	18	Bentonite	Domestic		6	60	Open	60	60		
			Van Houten, David	SW	SW	1994	298	82	At Rotary	Franklin	18	Bentonite	Domestic	80 / -	6	193	Open	193	208		
			Begley, John	NE	SE	1976	487	118	Cable Tool	Danning	18	Cuttings	Test		16	455	Perforated	116	455		Take day "178", "Componentals slide" "110"

Appendix A: Well Construction Details Of Wells In the South Leigh Creek Area Of Eastern Teton County, Idaho

From Well Driller's Reports In IDWR's On-Line Database

Compiled and checked by Hydro Logic, Inc

Prepared by: K. Newby

Updated: 11/17/2009

note: T = temperature in degrees Fahrenheit; fct = feet below ground level; gpm = gallons per minute

Well ID	Range	Section	Original Well Owner	40 Acres 1/4	160 Acres 1/4	Year Completed	Drilled Depth (feet)	Water Level (feet)	Drilling Method	Driller	Seal Depth (feet)	Annular Seal Type	Use of Water	Yield / Drawdown (gpm / foot)	Casing Diameter (inches)	Casing Depth (feet)	Opening Type	Top of Opening	Bottom of Opening	Top of Bedrock	Comments
64	40E	8	Dunn, M.D.	NE	SE	1994	80	19	As Rotary	Draining	20	Benctonite	Domestic		6	80	Open	80	80		

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Well ID	Range	Section	Original Well Owner	Acres 1/4	Acres 1/4	Year Completed	Drilled Depth (feet)	Water Level (feet)	Drilling Method	Driller	Seal Depth (feet)	Annular Seal Type	Use of Water	Yield/ (gpm / foot)	Casing Diameter (inches)	Casing Depth (feet)	Casing Type	Top of Casing	Bottom of Casing	Top of Well	Comments
4N 4SE 9			Gen. Jopel	NW	NE	2003	100	20	Air Rotary	Danbury	20	Bentonite	Domestic		6	100	Open	100	100		
			Hansen, Roy	S	NE	1982	50	12		Morris		Bentonite	Domestic		6	50	Open	50	50		
			McCracken, Dan	NW	NW	1988	60	4	Rotary	Danbury	18	Bentonite	Domestic		6	59	Open	59	60		
			Torres, Steve	NE	NW	1989	60	10	Rotary	Danbury	18	Bentonite	Domestic		6	59	Open	59	60		
			Agnew, David	NW	NW	1977	40	19	Rotary	Danbury	18	Cuttings	Domestic		6	40	Open	40	40		
			Agnew, David	NW	NW	2002	100	74	Air Rotary	High Plains	18	Cuttings	Domestic	30 / -	6	100	Open	100	100		Deepened in 2002
			Beard, Doug	NW	NW	2007	60	20	Air Rotary	Danbury	20	Bentonite	Domestic		6	60	Open	60	60		
			McCracken, Kelly	NW	NW	1992	60	12	Air Rotary	Independent	18	Bentonite	Domestic	20 / -	6	59	Open	59	60		
			McCracken, Leiland	NW	NW	2007	60	16	Air Rotary	Danbury	20	Bentonite	Domestic		6	60	Open	60	61		
			Johnson, Steve	NE	SE	1993	61	26	Air Rotary	Danbury	20	Bentonite	Domestic		6	61	Open	61	61		
			Hansen, Gordon	SE	SE	1995	100	20	Air Rotary	Danbury	20	Bentonite	Domestic		6	100	Open	100	100		
			Perkins, Shawn	NW	NE	2007	100	20	Air Rotary	Danbury	18	Bentonite	Domestic		6	100	Open	100	100		
4N 4SE 10			Highland Meadows	NE	SW	2005	250	35	Air Rotary	Danbury	60	Cam/Bent.	Municipal		14	138	Screened	238	250		14'-60", 8'-238
			Highland Meadows	SW	SW	2005	140	35	Air Rotary	Danbury	60	Cam/Bent.	Municipal		16	116	Screened	116	140		16'-60", 12'-116'
			Rowbury, Craig	SW	SW	1995	85	19	Air Rotary	Danbury	30	Bentonite	Domestic		6	80	Perforated	70	79		
4N 4SE 11			Lot, Darvin	NE	NE	1988	120	55	Air Rotary	Danbury	20	Bentonite	Domestic		6	120	Open	120	120		
			Moss, Lindsey	SW	NE	1977	100	70	Rotary	Danbury	18	Cuttings	Domestic		6	100	Open	100	100		
			Weddel, Dee Ann	SW	NE	2002	100	78	Air Rotary	High Plains	25	Bentonite	Domestic	35 / -	6	100	Open	100	100		Temp = 60
			Glander, Matthew	SE	NE	2002	120	86	Air Rotary	Independent	30	Bentonite	Domestic	20 / -	6	116	Open	100	100		
			Glander, Matthew	SE	NE	2008	120	80	Air Rotary	Nelson	18	Bentonite	Domestic	80 / -	6	120	Open	120	120		
			Thompson, Mark	SE	NE	1984	120	60	Air Rotary	Danbury	18	Bentonite	Domestic		6	119	Open	119	120		
			Schaffer, Mark	SE	NE	2002	163	70	Air Rotary	Independent	30	Bentonite	Domestic	15 / -	6	156	Open	156	163		
			Myler, Aaron	SE	NW	2006	100	66	Air Rotary	High Plains	20	Bentonite	Domestic	30 / -	6	100	Open	100	100		Temp = 61
			Kyle, Calvin	NE	SW	1982	95	80	Rotary	Danbury	18	Cuttings	Domestic		6	94	Open	94	95		
			Rockefeller, Travis	NE	SW	2006	100	35	Air Rotary	Danbury	20	Bentonite	Domestic		6	100	Open	100	100		
			Schulke, Chris	NE	SW	2004	200	100	Air Rotary	Steel Line	18	Bentonite	Domestic	20 / -	6	180	Open	180	200		
			McCracken, Leiland	SW	SW	2005	80	38	Air Rotary	Independent	40	Bentonite	Domestic	28 / -	6	100	Open	100	100		
			Chambers, Renee	NE	SE	1976	100	64	Rotary	Danbury	18	Cuttings	Domestic		6	100	Open	100	100		
			Shaffer, Mike	NE	SE	1987	100	35	Air Rotary	Red Feather	5	Cam/Bent.	Domestic	48 / -	6	100	Perforated	36	100		
			Thurman, Lisa	NE	SE	2000	100	56	Air Rotary	Teton Water Works	20	Bentonite	Domestic	25 / -	6	100	Open	100	100		
			Woodward, Kyle	NE	SE	2003	140	80	Air Rotary	Danbury	20	Bentonite	Domestic		6	140	Open	140	140		
			Carter, Jerry	NW	SE	1994	100	46	Air Rotary	Danbury	18	Bentonite	Domestic		6	99	Open	99	100		
			Harris, Keith	NE	SE	1998	120	45	Air Rotary	Danbury	20	Bentonite	Domestic		6	120	Open	120	120		
4N 4SE 12			Cooper, Steve	NE	NE	1998	160	56	Air Rotary	Danbury	20	Bentonite	Domestic		6	159	Open	159	160		
			Lambert, Constance	NE	NE	1998	180	75	Air Rotary	Danbury	18	Bentonite	Domestic		6	180	Open	180	180		
			Sastry, Rod	NE	NE	1999	160	80	Air Rotary	Danbury	20	Bentonite	Domestic		6	159	Open	159	160		
			Shaffer, Mike	NE	NE	1995	120	45	Air Rotary	Independent	30	Bentonite	Domestic	50 / -	6	119	Open	119	120		
			Shaffer, Mike	NE	NE	2001	120	45	Air Rotary	Independent	50	Bentonite	Domestic	25 / -	6	119	Open	119	120		
			Schuelke, Mike	NE	NE	2004	120	80	Air Rotary	Independent	67	Bentonite	Domestic	15 / -	6	119	Open	119	120		
			Burns, Kim	NW	NE	2004	160	106	Air Rotary	Steel Line	18	Bentonite	Domestic	20 / -	6	158	Open	158	180		
			Budet, Troy	NW	NE	1981	205	45	HandCable	Highland Bros.	18	205	Irrigation		16	205	Perforated	45	202		
			Coutts, Steve	NW	NE	2004	180	102	Air Rotary	Danbury	20	Bentonite	Domestic		6	160	Open	160	180		
			Eden, Bob	NW	NE	1981	141	50	Rotary	Danbury	18	Bentonite	Domestic		6	140	Open	140	141		
			Peterson, Gary	NW	NE	1986	152	40	Rotary	Danbury	18	Bentonite	Domestic		6	151	Open	151	152		
			Simonsen, Rita	NW	NE	1990	200	70	Air Rotary	Danbury	18	Bentonite	Domestic		6	131	Perforated	93	130		
			Church, Carl	SW	NE	2001	160	100	Air Rotary	Danbury	20	Bentonite	Domestic		6	180	Open	180	180		
			Hochstetler, Steve	SW	NE	1995	160	99	Air Rotary	Danbury	20	Bentonite	Domestic		6	180	Open	180	180		
			Slating, Kim	SW	NE	2001	200	140	Air Rotary	Danbury	20	Bentonite	Domestic		6	197	Open	197	200		
			Young, Linda	SW	NE	2002	220	129	Air Rotary	Teton Water Works	20	Bentonite	Domestic	20 / -	6	220	Open	220	220		
			Yoder, Merle	SW	NE	2001	280	100	Air Rotary	Danbury	25	Bentonite	Domestic		6	200	Open	200	280		
			Russell, Jim	SE	NE	1982	150	85	Air Rotary	Danbury	27	Bentonite	Domestic		6	150	Open	150	150		
			Thompson, Larry	SE	NE	2001	187	130	Air Rotary	Andrew	18	Bentonite	Domestic	25 / -	6	187	Open	187	187		
			Coutts, Steve	SW	NW	2001	120	80	Air Rotary	Danbury	20	Bentonite	Domestic		6	119	Open	119	120		
			Chasey, Bill	SE	NW	2007	221	80	Air Rotary	Merida Well Services	20	Bentonite	Domestic		6	184	Open	184	221		
			Foster, Steve	SE	NW	1996	140	80	Air Rotary	Teton Water Works	20	Bentonite	Domestic	40 / -	6	140	Open	140	140		Clay and Brown Phosphate 140'

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Notes: T = temperature in degrees Fahrenheit; feet = feet below ground level; gpm = gallons per minute.

Well name	Range	Section	Original Well Owner	40' Acre	160' Acre	Year Completed	Drilled Depth (feet)	Water Level (feet)	Drilling Method	Driller	Seal Depth (feet)	Annular Seal Type	Use of Water	Yield / Drawdown (gpm / foot)	Casing Diameter (inches)	Casing Depth (feet)	Opening Type	Type of Opening	Location of Opening	Top of Bedrock	Comments
44E 12	44E	12	Johnson, Todd	SE	NW	2006	110	15	Air Rotary	Valhalla	20	Bentonite	Domestic	50 / -	6	108	Open	Open	108	110	
			Powers, Dan	SE	NW	2000	150	65	Air Rotary	Independent	20	Bentonite	Domestic	50 / -	6	139	Open	Open	139	150	
			Danahy, Dan	SW	SW	2000	140	75	Air Rotary	Open	20	Bentonite	Domestic		6	139	Open	Open	139	140	
			Hill, Henry	SW	SW	2006	160	75	Air Rotary	Open	18	Bentonite	Domestic		6	160	Open	Open	160	160	
			Wells, Ryan	SE	SE	2003	170	90	Air Rotary	Open	20	Bentonite	Domestic		6	160	Open	Open	160	170	
			Jackson, Steve	NE	SE	2007	225	76	Air Rotary	Open	18	Bentonite	Domestic		6	200	Open	Open	200	225	
			Anders, Roy	NW	SE	2002	140	100	Air Rotary	Open	20	Bentonite	Domestic		6	180	Open	Open	180	180	
			Gaston, Nathan	SW	SE	2004	170	85	Air Rotary	Open	20	Bentonite	Domestic	30 / -	6	160	Open	Open	160	170	
			Campbell, Scott	SE	SE	2004	200	120	Air Rotary	Open	20	Bentonite	Domestic		6	182	Open	Open	182	200	
			Hernandez, Paul	SE	SE	2003	302	100	Air Rotary	Steel Line	18	Bentonite	Domestic	20 / -	6	205	Open	Open	205	302	
			Jackson, Steve	SE	SE	2004	300	130	Air Rotary	Open	20	Bentonite	Domestic		6	210	Open	Open	210	300	
			Jackson, Steve	SE	SE	2003	240	140	Air Rotary	Open	20	Bentonite	Domestic		6	200	Open	Open	200	240	
			Swaneker, Rick	SE	SE	2004	180	120	Air Rotary	Open	20	Bentonite	Domestic		6	182	Open	Open	180	180	
			Taylor, Rob	SE	SE	2002	200	80	Air Rotary	Open	20	Bentonite	Domestic		6	200	Open	Open	200	200	
			Jackson, Steve	NE	NE	2003	240	140	Air Rotary	Open	20	Bentonite	Domestic		6	195	Open	Open	195	240	
			Miller, Bill	NE	NE	1989	280	28	Air Rotary	Mountain View	20	Bentonite	Domestic	20 / -	6	120	Open	Open	120	280	
			Smith, Clay	NE	NE	2000	100	15	Air Rotary	Open	20	Bentonite	Domestic		6	100	Perforated	Open	80	100	
			Campbell, Scott	NE	NE	2002	440	220	Air Rotary	Open	18	Bentonite	Domestic		6	180	Open	Open	180	440	
			Teton Valley Ranches	NE	NW	1978	545	38	Cable Tool	Inner Mt. Drilling	16	Cuttings	Irrigation		20	380	Perforated	Open	30	500	
			Elern, Rich	NW	NW	2000	420	85	Air Rotary	Open	20	Bentonite	Domestic		6	100	Open	Open	100	420	
			Lee, Kelley	NW	NW	2004	140	50	Air Rotary	Open	20	Bentonite	Domestic		6	78	Open	Open	78	140	
			Hill, Matt	SW	NW	2006	160	50	Air Rotary	High Plains	20	Bentonite	Domestic	40 / -	6	70	Open	Open	70	160	
			Arden, Tom	SE	NW	2006	180	50	Air Rotary	Open	18	Bentonite	Domestic		6	125	Open	Open	125	180	
			Kruse, Dave	SE	NW	2008	380	50	Air Rotary	Open	25	Bentonite	Domestic		6	100	Open	Open	100	380	
			Clifton, Potter	SW	SW	2007	400	50	Air Rotary	Open	18	Bentonite	Domestic		6	85	Open	Open	85	400	
			Clifton, Potter	SW	SW	2007	425	100	Air Rotary	Open	18	Bentonite	Domestic		6	100	Open	Open	100	425	
			Swan, Keith	SE	SW	1986	400	80	Air Rotary	Open	18	Bentonite	Domestic		6	82	Open	Open	80	400	
			Friedlander, Bill	NW	SE	2006	440	90	Air Rotary	Open	18	Bentonite	Domestic		6	100	Open	Open	100	440	
			Friedlander, Bill	NW	SE	2006	400	90	Air Rotary	Open	18	Bentonite	Domestic		6	80	Open	Open	80	400	
			Cecil, Jim	SE	SE	1988	400	340	Air Rotary	Open	18	Bentonite	Domestic		6	85	Open	Open	85	400	
			Hink, Rob	NE	NE	1985	160	55	Air Rotary	Open	20	Bentonite	Domestic	30 / 5	8	72	Open	Open	72	160	
			Moyle, Pete	NE	NE	2002	240	120	Air Rotary	High Plains	20	Bentonite	Domestic		6	205	Open	Open	205	240	
			Macintosh, John	SE	NE	2003	380	170	Air Rotary	Open	20	Bentonite	Domestic		6	160	Open	Open	160	380	
			Shawnee Holdings	SE	NW	2008	200	55	Air Rotary	Open	20	Bentonite	Domestic		6	200	Perforated	Open	180	200	
			Beckerton, Bob	SW	SW	1989	200	105	Air Rotary	Open	20	Bentonite	Domestic		6	160	Open	Open	160	200	
			Teton Valley Ranch	SE	SW	1977	290	90	Cable Tool	Inner Mt. Drilling	18	Cuttings	Irrigation		20	255	Perforated	Open	90	255	
			Kennedy, Mickey	NE	SE	2006	200	98	Air Rotary	Open	18	Bentonite	Domestic		6	150	Open	Open	140	200	
			Bach, Cheryl	SW	SE	2004	180	90	Air Rotary	Open	20	Bentonite	Domestic		6	150	Open	Open	150	180	
			Chamberlain, Dwight	SW	SE	2001	180	110	Air Rotary	Teton Water Works	20	Bentonite	Domestic	30 / -	6	160	Open	Open	160	180	
			Phillips, Bob	SE	SE	1997	120	60	Air Rotary	Teton Water Works	20	Bentonite	Domestic	20 / -	8	120	Open	Open	102	120	
			Peters, Mike	SE	SE	2004	335	180	Air Rotary	Mountain View	18	Bentonite	Domestic		8	325	Perforated	Open	284	324	
			Edkins, David	NE	NE	1988	240	150	Air Rotary	Open	20	Bentonite	Domestic		6	170	Open	Open	170	240	
			Fisher, Cindy	NE	NE	1989	220	80	Air Rotary	Open	20	Bentonite	Domestic		6	160	Open	Open	160	220	
			Pascoe, Gay	NW	NE	2008	220	110	Air Rotary	Open	20	Bentonite	Domestic		6	140	Open	Open	140	220	
			Ryan, Frank	NW	NE	1988	160	120	Air Rotary	Open	18	Bentonite	Domestic		6	150	Open	Open	150	160	
			Anderson, Jay	SW	NE	2001	260	80	Air Rotary	Open	18	Bentonite	Domestic		6	162	Open	Open	162	260	
			Cook, Darryl	SW	NE	2007	220	130	Air Rotary	Open	20	Bentonite	Domestic		6	185	Open	Open	185	220	
			Phillips, Steve	SW	NE	1987	220	125	Air Rotary	Open	20	Bentonite	Domestic		6	175	Open	Open	175	220	
			Dary, Mike	SE	NE	2001	340	120	Air Rotary	Open	20	Bentonite	Domestic		6	140	Open	Open	140	340	
			Hansford, John	SE	NE	1985	260	142	Air Rotary	Open	20	Bentonite	Domestic		6	160	Open	Open	160	260	
			Bishop, Ron	NE	NW	2008	220	60	Air Rotary	Open	40	Bentonite	Domestic		6	180	Open	Open	180	220	
			Ramirez, Ron	NE	NW	1995	80	43	Air Rotary	Teton Water Works	30	Bentonite	Domestic		8	80	Open	Open	80	80	
			H & H Development	NW	NW	2008	200	80	Air Rotary	High Plains	60	Bentonite	Pond	20 / -	6	200	Open	Open	200	200	
			Ken Pipe Cont.	NW	NW	1992	170	88	Air Rotary	Open	20	Bentonite	Domestic	50 / -	6	168	Open	Open	168	170	

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Well	Range	Section	Original Well Owner	Acres 1/4	Acres 1/4	Year Completed	Drilled Depth (feet)	Water Level (feet)	Drilling Method	Driller	Soil Depth (feet)	Assembly Seal Type	Use of Water	Yield (gpm / foot)	Casing Diameter (inches)	Casing Depth (feet)	Opening at	Top of Opening	Bottom of Opening	Top of Bedrock	Comments
6N 44E	7	Phillips, Steve	SW NW 1983	202	130	2004	202	130	Drilling	Denning	20	Bentonite	Domestic	24 / -	6	165	Open	165	165		
		Shawnee, Greg	SW NW 1983	450	120	2004	450	120	Cable Tool	Talon Water Works	25	Bentonite	Domestic	24 / -	6	163	Open	163	163		
6N 44E	7	Christie, Robert	SE NW 2003	160	50	1996	160	50	Drilling	Denning	18	Bentonite	Domestic	40 / -	6	140	Open	140	140		
		Garcia, Adolf	SE NW 1996	240	80	2004	240	80	Drilling	Mountain West	20	Bentonite	Domestic	40 / -	6	149	Open	149	140		
6N 44E	7	Smith, Stephen	SE NW 2004	140	82	1982	140	82	Drilling	Denning	18	Cuttings	Domestic	25 / -	6	119	Open	119	140		
		T.V.R. Ranches	SE NW 1982	140	90	1982	140	90	Rotary	Independent	18	Cuttings	Domestic	25 / -	6	139	Open	139	140		
6N 44E	7	T.V.R. Ranches	SE NW 1982	135	87	1982	135	87	Rotary	Independent	18	Cuttings	Domestic	25 / -	6	134	Open	134	135		
		Elbert, James	NE SW 2000	300	145	1994	300	145	Drilling	Denning	25	Bentonite	Domestic	25 / -	6	200	Open	200	300		
6N 44E	7	Dunn Investments	NE SW 1994	520	152	1985	520	152	Drilling	Denning	20	Bentonite	Domestic	20 / -	6	178	Open	178	520		
		Emmons, Richard	NE SW 1985	220	140	2000	220	140	Drilling	Denning	6	185	Open	185	240	166	rock grey" 166"				
6N 44E	7	Horn, Henry	NE SW 2000	220	150	1995	220	150	Drilling	Denning	20	Bentonite	Domestic	20 / -	6	178	Open	178	220		
		Laughlin, Tom	NE SW 1985	390	105	1987	390	105	Drilling	Denning	20	Bentonite	Domestic	20 / -	6	178	Open	178	390		
6N 44E	7	Tudy, Tony	NE SW 1987	188	133	2001	188	133	Drilling	Denning	20	Cement	Domestic	21 / -	6	188	Perforated	88	188		
		Wade, Gary	NE SW 2001	260	118	2003	260	118	Drilling	Talon Water Works	20	Bentonite	Domestic	20 / -	6	170	Open	170	260		
6N 44E	7	Ranch Homes	NW SW 2003	260	160	2003	260	160	Drilling	Denning	18	Bentonite	Domestic	20 / -	6	176	Open	176	260		
		Olson, Rand	NW SW 2003	240	135	2007	240	135	Drilling	Denning	20	Bentonite	Domestic	20 / -	6	200	Open	200	240		
6N 44E	7	Green, Craig	SW SW 2007	220	160	2007	220	160	Drilling	Denning	18	Bentonite	Domestic	30 / 0	6	180	Open	180	220		
		Wm. Mike	SW SW 2008	410	190	2008	410	190	Drilling	High Plains	60	Bentonite	Domestic	40 / -	6	200	Open	200	410		
6N 44E	7	Water Treatment Solutio	SW SW 2008	200	120	2008	200	120	Drilling	High Plains	20	Bentonite	Domestic	40 / -	6	160	Open	160	200		
		Cofe, Michael	SE SW 1993	250	110	1993	250	110	Drilling	Metrick	25	Bentonite	Domestic	35 / -	6	161	Open	161	250		
6N 44E	7	Heyle, Brady	SE SW 2001	220	140	2001	220	140	Drilling	Andrew	18	Bentonite	Domestic	80 / -	6	220	Perforated	160	220		
		Nichols, Michael	SE SW 2008	220	95	2008	220	95	Drilling	Denning	25	Bentonite	Domestic	80 / -	6	180	Open	180	220		
6N 44E	7	Marcus, Keith	SE SW 1994	300	245	1994	300	245	Drilling	Heavy Bros	15	Bentonite	Domestic	2 / -	6	156	Open	156	300		
		Manmott, Keith	NE SE 2001	260	100	2001	260	100	Drilling	Denning	18	Bentonite	Domestic	2 / -	6	220	Open	220	260		
6N 44E	7	Sandman, George	NE SE 2001	400	180	2001	400	180	Drilling	Denning	20	Bentonite	Domestic	2 / -	6	180	Open	180	400		
		Whipple, Bob	NE SE 1994	240	158	1994	240	158	Drilling	Denning	18	Bentonite	Domestic	2 / -	6	200	Open	200	240		
6N 44E	7	Goodman, Kimberly	NW SE 2001	240	130	2003	240	130	Drilling	Denning	20	Bentonite	Domestic	2 / -	6	205	Perforated	161	178		
		Mizal, Rick	SW SE 2003	265	135	1991	265	135	Drilling	Vulner	40	Bentonite	Domestic	2 / -	6	160	Open	160	265		
6N 44E	7	Theoretical Partnership	SW SE 1991	300	128	2006	300	128	Rotary	Fracton	20	Bentonite	Domestic	2 / -	6	166	Open	166	300		
		Greenwood, John	SE SE 2006	220	100	2000	220	100	Drilling	Denning	50	Bentonite	Domestic	2 / -	6	140	Open	140	220		
6N 44E	7	Haddon, Steven	SE SE 2000	240	145	2000	240	145	Drilling	Denning	20	Bentonite	Domestic	2 / -	6	175	Open	175	240		
		Phillis, Tom	SE SE 1995	180	90	1995	180	90	Drilling	Denning	40	Bentonite	Domestic	35 / -	6	160	Open	160	180		
6N 44E	7	Duttsch, Don	SW SE 2005	420	14	2005	420	14	Drilling	High Plains	170	Bentonite	Domestic	60 / -	6	170	Open	170	420		
		Hargle, Dawnla	SW SE 2005	340	290	2005	340	290	Drilling	High Plains	200	Bentonite	Domestic	60 / -	6	200	Open	200	340		
6N 44E	7	Stacy, Henry	NW NE 2007	605	165	2007	605	165	Drilling	Denning	18	Bentonite	Test	40 / -	6	100	Open	100	605		
		Burnside, Ron	NW NE 2009	120	40	1981	120	40	Drilling	Denning	20	Bentonite	Domestic	40 / -	6	120	Open	120	120		
6N 44E	7	Wilson Ranch House	NW NE 1981	92	30	1981	92	30	Cable Tool	Richards	18	Cuttings	Domestic	140 / -	6	82	Perforated	76	91		
		Wilson Ranch #2	NW NE 1981	202	15	2004	202	15	Cable Tool	Richards	20	Cuttings	Domestic	140 / -	18	200	Perforated	90	115		
6N 44E	7	Vetzer, Bob	SE NE 2004	19	41	1981	19	41	Drilling	Denning	20	Bentonite	Domestic	15 / -	6	187	Open	187	197		
		McIlroy, Richard	SE SE 2000	52	79	1990	52	79	Drilling	Talon Water Works	30	Bentonite	Domestic	15 / -	6	151	Open	151	151		
6N 44E	7	Breckenridge Bros	NE SE 1981	440	370	1981	440	370	Rotary	Denning	18	Cuttings	Domestic	30 / 0	6	160	Open	160	440		
		Sharp, Wayne	SW SE 1981	80	48	1981	80	48	Drilling	Denning	20	Bentonite	Domestic	30 / 0	6	95	Open	95	80		
6N 44E	7	Palmer, Jason	NW NE 1999	370	140	1999	370	140	Drilling	Denning	20	Bentonite	Domestic	30 / 0	6	160	Open	160	370		
		Backenridge, David	SW NE 1988	180	145	2005	180	145	Drilling	Denning	18	Bentonite	Domestic	30 / 0	6	95	Open	95	180		
6N 44E	7	Hendrickson, Brian	SE NE 2005	324	46	2005	324	46	Drilling	High Plains	30	Bentonite	Domestic	30 / 0	6	95	Open	95	324		
		Hobbs, Jeff	NE NW 2007	120	15	2007	120	15	Drilling	Denning	18	Bentonite	Domestic	30 / 0	6	46	Open	46	120		
6N 44E	7	Miller, Ron	NE NW 2003	100	20	2003	100	20	Drilling	Denning	20	Bentonite	Domestic	30 / 0	6	100	Open	100	100		
		Matt Family	NE NW 1985	240	140	1985	240	140	Drilling	High Plains	40	Bentonite	Domestic	30 / 0	6	85	Open	85	240		
6N 44E	7	Meen, John	NW NW 2008	100	20	2008	100	20	Drilling	Denning	20	Bentonite	Domestic	30 / 0	6	100	Open	100	100		
		Jorgensen, Randy	SW NW 1987	165	135	1987	165	135	Drilling	Denning	18	Bentonite	Domestic	30 / 0	6	95	Open	95	165		
6N 44E	7	Rich, Don	SW SW 1989	170	45	1989	170	45	Drilling	Denning	20	Bentonite	Domestic	30 / 0	6	159	Open	159	170		
		Hartenstein Dan	SE SE 1986	140	20	1986	140	20	Drilling	Denning	18	Bentonite	Domestic	30 / 0	6	140	Open	140	140		

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Compiled and checked by **Hydro Logic, Inc**

Prepared by: K. Newberry

Updated: 11/17/2009

note: T° temperature in degrees Fahrenheit; feet = feet below ground level; gpm = gallons per minute

Well ID	Range	Section	Original Well Owner	40 Acres	160 Acres	Year Completed	Drilled Depth (feet)	Water Level (feet)	Drilling Method	Driller	Seal Depth (feet)	Annular Seal Type	Use of Water	Yield / Drawdown (gpm / foot)	Casing Diameter (inches)	Casing Depth (feet)	Opening Type	Top of Opening	Bottom of Opening	Top of Bedrock	Comments
20000000			Hansen, Edson	SE	SE	1987	375	40		Cushman			Irrigation	900 / 80	16	157	Perforated	36	165	154	Blue gray myxids - broken 154'

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Well only	Range	Section	Original Well Owner	40 Acres	160 Acres	Year Completed	Drilled Depth (feet)	Water Level (feet)	Drilling Method	Driller	Seal Depth (feet)	Annular Seal Type	Use of Water	Yield/ Drawdown (gpm/ foot)	Casing Diameter (inches)	Casing Depth (feet)	Opening Type	Top of Opening	Bottom of Opening	Top of Well at Backwash	Comments	
6N	4SE	26	Myers, Duane	NE	NE	1992	80	12	Air Rotary	Danning	20	Bentonite	Domestic		6	80	Open	80	80			
			Chapman, Dave	NW	NW	2006	80	20	Air Rotary	Danning	18	Bentonite	Domestic		6	80	Open	80	80			
			Dewey, James	NE	SW	1992	125	32	Air Rotary	Independent		Cuttings	Domestic	20 / -	6	119	Open	119	125			
			Mahner, Bill	NE	SW	2007	125	30	Air Rotary	Danning	47	Bentonite	Domestic		6	47	Open	47	125	40	"rock" 40"	
			Valley Bank	NW	SE	1980	92	55	Rotary	Danning	20	Cuttings	Domestic	50 / -	6	92	Open	92	92			
			Hansen, Gerald	NW	SE	1987	100	5	Rotary	Independent	18	Cuttings	Domestic	30 / -	6	100	Perforated	80	100			
			Hansen, Mark	NW	SE	2005	180	60	Air Rotary	High Plains	60	Bentonite	Domestic		6	180	Open	160	180			
6N	4SE	27	Lisa, Vern	NW	SE	1980	140	59	Rotary	Danning	20	Cuttings	Domestic	60 / -	6	140	Open	140	140			
			Debra, Michael	NE	SW	2004	80	60	Air Rotary	High Plains	20	Bentonite	Domestic		6	80	Open	80	80		Temp = 50	
			Rodden, Doug	NE	SW	1999	60	18	Air Rotary	Maverick	24	Bentonite	Domestic	16 / -	6	60	Perforated	40	60	7	broken lava 7"	
6N	4SE	28	Lisa, Colin	SW	SW	1993	100	38	Air Rotary	Danning	18	Cuttings	Domestic		6	61	Open	61	100	3	lava 3"	
			Rannell, Art	NW	NW	1974	100	42	Rotary	Danning	18	Cuttings	Domestic		6	100	Open	100	100			
			Rannell, Russell	NW	NW	1976	170	80	Rotary	Hopkins Bros.	18	Cuttings	Domestic		6	170	Open	170	170			
			James, William	SW	SW	1981	85	35	Air Rotary	Independent	18	Cuttings	Domestic	75 / -	6	78	Open	79	85	5	"shale rock" 5"	
			Bocker, Bill	NW	SE	2006	600	318	Air Rotary	Danning	18	Bentonite	Domestic		6	320	Open	320	600		"grey shale" 70"	
			James, Frank	SW	SE	1987	100	135	Rotary	Danning	18	Bentonite	Domestic		6	103	Open	153	190	48	lava 48"	
			Rannell, Shyrine	SE	SE	1986	200	140	Air Rotary	Danning	18	Bentonite	Domestic		6	110	Open	110	175	34	"brown rock color" 34"	
6N	4SE	29	Teton Cemetery	SE	SE	1953	175	28	Cable Tool	Andrew	45	Bentonite	Irrigation	100 / -	6	110	Open	110	175	45	"rock" 45"	
			Benjamin, Un	NE	NE	2004	260	150	Air Rotary	Danning	20	Bentonite	Domestic		6	120	Open	120	240	17	"rock grey" 70"	
			Boyd, Michael	SE	NW	1987	240	60	Air Rotary	Danning	20	Bentonite	Domestic		6	63	Open	63	240	50	"rock" 50"	
			Gray, Patricia	NE	SW	1998	240	90	Air Rotary	Danning	18	Bentonite	Domestic		6	60	Open	60	60			
			Paul, Mike	NE	SW	1985	60	30	Rotary	Danning	60	Bentonite	Domestic	30 / -	6	124	Open	124	124			
			City of Teton	NE	SW	2009	124	35	Air Rotary	Independent	20	Bentonite	Domestic		6	185	Open	185	220	20	"very broken bit of clay" 20"	
			Thompson, Travis	SW	SW	2003	220	80	Air Rotary	Danning	10	Bentonite	Domestic		6	12	Screamed	12	62			
			City of Teton	SW	SW	2008	42	20	Air Rotary	Danning	8	Bentonite	Domestic		6	2	12	Screamed	12	62		
			City of Teton	SW	SW	2008	42	18	Air Rotary	Danning	3	Bentonite	Domestic		6	2	5	Screamed	5	45		
			City of Teton	SW	SW	2008	45	10	Air Rotary	Danning	3	Bentonite	Domestic		6	2	5	Screamed	5	45		
6N	4SE	30	City of Teton	SW	NW	2003	100	25	Air Rotary	Danning	20	Bentonite	Domestic		6	136	Open	136	136			
			Madell, Paul	SW	NW	2003	100	25	Air Rotary	Danning	20	Bentonite	Domestic		6	60	Open	60	60			
			Schier, Tim	SW	NW	2004	139	36	Air Rotary	Danning	20	Cuttings	Domestic		6	60	Open	60	60			
			Larson, Greg	NE	SW	1976	60	10	Rotary	Henshels	18	Bentonite	Irrigation		16	100	Perforated	31	82			
			Beard, Leon	NE	SE	1981	100	20	Cable Tool	Inter Mt. Drilling	18	Bentonite	Irrigation		14	205	Perforated	58	165		deepening	
			Hansen, Mike	SW	SE	1991	100	12	Cable Tool	Inter Mt. Drilling	18	Bentonite	Irrigation	100 / -	6	120	Open	120	120			
6N	4SE	31	Hansen, Mike	SW	SE	1992	205	5	Cable Tool	Inter Mt. Drilling	18	Bentonite	Irrigation	15 / -	6	60	Open	60	60			
			Rodriguez, Nancy	SW	SW	1998	120	15	Air Rotary	Teton Water Works	20	Bentonite	Domestic		6	119	Open	119	120			
			Rodriguez, Kim	NW	SE	1995	60	20	Rotary	Martins Well Services	20	Bentonite	Domestic	20 / -	6	67	Open	67	120			
			May, Brandon	SE	SE	2003	120	41	Air Rotary	Warren Murry	20	Cuttings	Domestic		6	74	Open	74	75			
6N	4SE	32	Fallmer, Don	NE	NE	1981	120	42	Cable Tool	Cushman	20	Cuttings	Domestic	20 / -	6	80	Open	80	80			
			Henderson, Kent	NE	NE	1970	75	35	Cable Tool	Danning	18	Bentonite	Domestic		6	80	Open	80	80			
			Tedel, Lawrence	NE	NE	1986	94	68	Rotary	Danning	20	Cuttings	Domestic		6	80	Open	80	80			
			Edgington, Jerry	SE	NE	1999	80	30	Air Rotary	Danning	18	Bentonite	Domestic		6	80	Open	80	80			
			Shawhan, Barry	NE	NW	1989	80	30	Rotary	Danning	18	Bentonite	Domestic		6	80	Open	80	80			
			Roberts, Reg	SW	SE	1994	100	45	Air Rotary	Teton Water Works	20	Bentonite	Domestic	30 / -	6	100	Open	100	100			
			Tanner, Tim	SW	SE	1998	140	23	Air Rotary	Teton Water Works	20	Bentonite	Domestic	20 / -	6	140	Open	140	140			
			Tanner, Tim	SW	SE	2007	120	33	Air Rotary	Independent	20	Bentonite	Domestic		6	118	Open	118	120			
6N	4SE	33	Oliver, Blad	SE	SE	1991	80	25	Air Rotary	Danning	18	Bentonite	Domestic		6	80	Open	80	80			
			Teton Canal Co.	NE	NE	1963	335	12	Cope	Danning	18	Bentonite	Irrigation		16	187	Perforated	100	100	63	"grey granite" 63', "limestone" below.	
			Williams, Chad	SW	NE	2006	100	38	Air Rotary	Danning	60	Bentonite	Domestic		6	100	Open	100	100			
			Foster, Bob	NW	NW	2008	250	60	Air Rotary	High Plains	20	Bentonite	Domestic	40 / -	6	82	Open	82	250		Temp = 51	
			Fallmer, Ray	NW	NW	2001	100	6	Air Rotary	Danning	20	Bentonite	Domestic		6	100	Open	100	100	68	lava 68"	
			Wade, Gary	NW	NW	1994	100	50	Air Rotary	Teton Water Works	20	Bentonite	Domestic	20 / -	6	110	Open	110	110			
			Frederick, Byron	SW	NW	2001	80	20	Air Rotary	Martins Well Services	20	Bentonite	Domestic		6	120	Open	120	120			
			Jackson, Jim	SW	NW	2004	110	31	Air Rotary	Danning	20	Bentonite	Domestic		6	110	Open	110	110			
			Parsons, Dan	SW	NW	2004	120	20	Air Rotary	Danning	20	Bentonite	Domestic		6	120	Open	120	120			
			Reed, Philip	NW	SW	1990	80		Air Rotary	Danning	18	polypropylene	Domestic		6	79	Open	79	80			

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Well ID	Range	Section	Original Well Owner	Acres I/4	Acres I/4	Year Completed	Drilled Depth (feet)	Water Level (feet)	Drilling Method	Driller	Seal Depth (feet)	Annular Seal Type	Use of Water	Yield / Drawdown (gpm / foot)	Casing Diameter (inches)	Casing Depth (feet)	Opening Type	Top of Opening	Bottom of Opening	Top of Well	Comments
4N	44E	33	Long, Ludwig	SW	SE	2008	100	2	Air Rotary	Denning	60	Bentonite	Test	26 / -	6	99	Open	39	100		
4N	44E	34	Azusa 80 LLC	NE	NE	2007	110	66	Air Rotary	Independent	60	Bentonite	Test	26 / -	6	102	Perforated	80	102		
			Kadman, Lee	NW	NE	1983	80	4	Rotary	Independent	18	Cuttings	Domestic	20 / -	6	45	Perforated	30	46		
			Neil, Bud	SE	NE	1991	80	9	Air Rotary	Denning	18	Bentonite	Domestic		6	80	Screened	79	83		
			Daren Roberts	NW	NW	1994	80	18	Air Rotary	Denning	20	Bentonite	Domestic		6	80	Open	80	80		
			Connors, Michael	NW	SW	1976	92	63	Rotary	Hopkins Bros.	18	Cuttings	Domestic		6	92	Open	92	92		Temp = 53
			Will, Cory	SW	SW	2002	80	17	Air Rotary	Denning	20	Bentonite	Domestic		6	79	Open	79	80		
			Gabel, Joyce	SW	SW	1985	60	5	Air Rotary	Denning	20	Bentonite	Domestic	20 / 30	6	80	Open	80	80		
			Gandy, Robert	SW	SW	1989	80	26	Air Rotary	High Plains	20	Bentonite	Domestic	40 / -	6	80	Open	80	80		Temp = 47
			Henn, William	SW	SW	1980	65	20	Rotary	Red Feather	20	Cement	Domestic		6	66	Perforated	65	65		
			Mary, Heidi	SW	SW	1982	63	20	Air Rotary	Denning	20	Bentonite	Domestic		6	59	Perforated	42	56		
			Flumer Estate	NE	SE	1987	87	28	Rotary	High Plains	20	Bentonite	Domestic	550 / -	6	87	Open	87	87		irrigation and stock use as well
			Godfrey, Keith	SW	SE	1988	80	35	Air Rotary	Denning	20	Bentonite	Domestic		6	79	Open	79	80		
			Pumphrey, Norman	SW	SE	1982	60	40	Air Rotary	Denning	20	Bentonite	Domestic		6	125	Perforated	46	58		
			Swick, W	SW	SE	1977	100	75	Rotary	Denning	18	Cuttings	Domestic	30 / -	6	100	Open	100	100		
			Macdonald, Dana	SE	SE	2001	105	42	Air Rotary	Denning	20	Bentonite	Domestic	30 / -	6	104	Open	104	106		replacement well
			Robinson, Jim	SE	SE	1987	146	33	Air Rotary	Independent	20	Bentonite	Domestic		6	146	Open	146	146		
			Hugh, William	SE	SE	1996	120	15	Air Rotary	Mountain West	35	Bentonite	Domestic	30 / -	6	120	Open	120	120		
4N	44E	35	The Draw Kne	NE	NE	2000	120	55	Air Rotary	Denning	20	Bentonite	Domestic		6	103	Open	103	120		
			Boyer, Horace	NW	NW	1982	80	12	Air Rotary	Denning	25	Bentonite	Domestic		8	85	Open	85	85		Use says nondomestic
			Swick, Nathan	NW	NW	1982	161	49	Cable Tool	Denning	18	Cuttings	Domestic		6	159	Open	159	161		
			Hughes, David	SW	NW	2008	90	12	Air Rotary	Denning	40	Bentonite	Domestic		6	80	Open	80	80		
			Shayck, Harold	SW	NW	1986	105	60	Rotary	Denning	18	Bentonite	Domestic		6	104	Open	104	106		
			Felding, Steven	NW	SW	1977	117	60	Rotary	Denning	20	Cuttings	Domestic		6	120	Open	120	120		
			Felding, Steven	NW	SW	1977	117	60	Rotary	Denning	20	Cuttings	Domestic	25 / -	8	117	Open	117	120		
			BACS Development	SW	SW	2007	140	31	Air Rotary	Independent	20	Bentonite	Domestic	20 / -	6	92	Open	92	92		
			Nathan, Rex	SW	SW	1989	92	10	Air Rotary	Teton Water Works	20	Bentonite	Domestic		6	80	Open	80	80		
			South Leigh Creek	NE	SE	2007	140	54	Air Rotary	Denning	18	Bentonite	Domestic	30 / -	6	140	Open	140	140		
			Agnew, David	SW	SE	2002	120	70	Air Rotary	High Plains	20	Bentonite	Domestic	30 / -	6	120	Open	120	120		Temp = 50
			Kelley, Geoff	SW	SE	1985	80	25	Air Rotary	Teton Water Works	20	Bentonite	Domestic	30 / -	6	80	Open	80	80		
			Roth, Steve	SW	SE	2007	100	53	Air Rotary	Independent	60	Bentonite	Domestic	20 / -	6	99	Perforated	94	99		
			Emmons, Gail	SE	SE	1984	100	47	Air Rotary	Denning	20	Bentonite	Domestic		6	100	Open	100	100		Temp = 20
			Jacoby, Beau	SE	SE	2005	425	267	Air Rotary	Denning	20	Bentonite	Domestic		6	425	Open	425	425		
			Ryan, Cody	SE	SE	2001	140	53	Air Rotary	Denning	20	Bentonite	Domestic		6	140	Open	140	140		
			Wild Horse Sub.	SE	SE	2002	220	50	Air Rotary	Denning	20	Bentonite	Fire Pro.		8	204	Perforated	100	204		Temp = 48
			Smith, Kendall	SE	SE	2002	240	75	Air Rotary	Denning	20	Bentonite	Domestic		6	125	Open	125	240		Temp = 50
4N	44E	36	Reese, Linda	NE	NE	2002	55	7	Air Rotary	Denning	18	Bentonite	Domestic	30 / -	6	53	Open	53	55		Temp = 48
			Beard, Billy	NW	NW	1984	90	18	Rotary	Independent	20	Bentonite	Domestic		6	100	Open	100	100		
			Beard, Lana	SW	NW	2000	100	80	Air Rotary	High Plains	20	Bentonite	Domestic	10 / -	6	100	Open	100	100		
			Simpson, John	NW	SW	1987	140	20	Air Rotary	Teton Water Works	20	Bentonite	Domestic	20 / -	6	140	Open	140	140		
			Marchant, John	SW	SW	1984	160	56	Air Rotary	Denning	20	Bentonite	Domestic	50 / -	6	160	Open	160	160		
			Sluts, Robin	SW	SE	1985	140	68	Air Rotary	Denning	20	Bentonite	Domestic		6	109	Open	109	140		
			Vachon, Josh	SW	SE	2009	180	40	Air Rotary	Denning	40	Bentonite	Domestic		6	160	Open	160	180		
			Blawett	SE	SE	2005	400	268	Air Rotary	Denning	20	Bentonite	Domestic		6	360	Open	360	400		
			Packer, Corey	NE	NE	1989	260	110	Air Rotary	Denning	20	Bentonite	Domestic		6	199	Open	199	260		
			Ritchie, Todd	NE	NE	2000	300	240	Air Rotary	Denning	20	Bentonite	Domestic		6	300	Open	300	360		
			Martley, Denise	NW	NE	2002	205	80	Air Rotary	Denning	20	Bentonite	Domestic		6	160	Open	160	205		
			Farnsworth, David	SW	NE	2002	343	220	Air Rotary	Denning	31	Bentonite	Domestic		6	292	Open	292	343		
			Bethuna, Frank	NW	NW	2003	305	100	Air Rotary	Stale Line	25	Bentonite	Domestic	40 / -	4	305	Open	305	305		
			Boyer, Horace	NW	NW	1989	240	110	Air Rotary	Denning	20	Bentonite	Domestic		6	160	Open	160	240		
			Branger, Joe	NW	NW	1983	205	81	Air Rotary	Denning	20	Bentonite	Domestic		6	204	Open	204	205		
			Sellers, Trent	NW	NW	1989	200	52	Air Rotary	Denning	20	Bentonite	Domestic		6	159	Open	159	200		
			Kearns, Richard	SW	NW	1984	220	160	Air Rotary	Teton Water Works	20	Bentonite	Domestic	15 / -	6	40	Open	40	220		
			Burgata, Dan	SE	NW	2004	200	125	Air Rotary	Denning	20	Bentonite	Domestic		6	190	Perforated	175	186		

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Well ID	Range	Section	Original Well Owner	Acres 1/4	Acres 1/4	Year Completed	Drilled Depth (feet)	Water Level (feet)	Drilling Method	Driller	Seal Depth (feet)	Annular Seal Type	Use of Water	Yield / Borehole (gpm / foot)	Casing Diameter (inches)	Casing Depth (feet)	Opening Type	Top of Opening	Bottom of Opening	Type of Well	Comments
4N	44E	29	Johnson, Carl	SE	NW	1982	220	98	Air Rotary	Danning	22	Bentonite	Domestic	26 / -	6	200	Open	200	220	0	"broken rock & clay" @ 21' - pne casing
			Katz, John	NE	SW	1986	355	146	Air Rotary	Andrew	34	Bentonite	Domestic	60 / -	6	355	pne. cased	314	354	21	"hydraulic light gray, soft" 21' - pne casing
			Moses, Lynn	NE	SW	2004	400	116	Air Rotary	High Plains	116	Bentonite	Domestic	60 / -	6	240	Open	240	420	40	"black lava" 40' - temp = 50
			Baby Bob	SW	SW	1986	300	106	Air Rotary	Danning	18	Bentonite	Domestic		6	198	Open	198	300	25	"black lava" 40' - temp = 50
			Dennison, Angela	SW	SW	1986	245	40	Air Rotary	Danning	20	Bentonite	Domestic		6	160	Open	160	245	21	"rock" 21'
			Coffey, Tim	SW	SW	1984	240	110	Air Rotary	Danning	20	Bentonite	Domestic		6	156	Open	156	240	30	"rock" 30'
			Lesau, Ron	SW	SW	1987	400	126	Air Rotary	Danning	20	Bentonite	Domestic		6	37	Open	37	400	37	"gray rock" 37'
			Muller, Paul	SW	SW	2001	245	140	Air Rotary	Danning	20	Bentonite	Domestic		6	227	Open	227	245	15	"rock" 15'
			Peurson, dan	SW	SW	2003	620	340	Air Rotary	Danning	20	Bentonite	Domestic		6	286	Open	286	620	20	"shale" 20'
			Reese, Richard	SW	SW	1988	540	75	Air Rotary	Danning	2	Bentonite	Domestic		6	41	Open	41	540	2	"shale" 20'
			Roberts, Sarah	SW	SW	2000	440	160	Air Rotary	Danning	38	Bentonite	Domestic		6	38	Open	38	440	19	"rock" 19'
			Smith, Boyd	SW	SW	2004	300	37	Air Rotary	Andrew	20	Bentonite	Domestic	3 / -	6	136	Open	136	300	38	"hydraulic, tan gray" 38'
			Stanton, dadn	SW	SW	2002	190	52	Air Rotary	Finley	100	Bentonite	Domestic	30 / -	6	100	Open	100	190	27	"locks and brown clay" 27'
			Redmond, Jim	SE	SW	2004	180	42	Air Rotary	Danning	20	Bentonite	Domestic	20 / -	6	139	Open	139	180	12	"light gray rock" 12'
			Lockman, Dan	SW	SW	1989	240	62	Air Rotary	Independent		Cuttings	Domestic	14 / -	4	240	Perforated	200	240	35	"hard gray shale" 35'
			Parham, Mike	NE	SE	1988	160	106	Air Rotary	Red Fisher	25	Bentonite	Domestic		6	160	Perforated	100	160	25	"hard hydraulic" 25' - pne casing and oil screen
			Smith, Richard	NE	SE	2000	160	30	Air Rotary	Danning	20	Bentonite	Domestic		6	160	Perforated	100	160	10	"rock fractured areas" 10'
			Mosley, Lars	NW	SE	2002	300	100	Air Rotary	Mountain West	35	Bentonite	Domestic	15 / -	6	35	Open	35	300	30	"black rock" 30'
			Moussam, David	NW	SE	1982	325	210	Roller	Andrew	24	Bentonite	Domestic	30 / -	6	325	Open	295	325	23	"shale soft brown" 23'
			Borshstein, John	SW	SE	2005	300	70	Air Rotary	Danning	20	Bentonite	Domestic		6	205	Open	205	300	40	"rock" 40'
			Mosley, Lars	SW	SE	2005	300	94	Air Rotary	Danning	20	Bentonite	Domestic		6	220	Open	220	300	20	"rock basal" 20'
			Ferguson, Jackie	SE	SE	2000	240	70	Air Rotary	Teton Water Works	20	Bentonite	Domestic	20 / -	6	40	Open	40	240	30	"fractured hydraulic" 32'
			Haywood, Brian	SE	SE	1983	70	35	Roller	Teton Water Works	20	Bentonite	Domestic	7 / -	6	20	Open	20	70	20	"solid rock" 20'
4N	44E	30	Astra, Carmen	SW	NE	1983	350	230	Air Rotary	Danning	24	Bentonite	Domestic		6	24	Open	24	350	23	"rock gray" 23'
			Shepard, Christina	SW	NE	2001	240	110	Air Rotary	Danning	20	Bentonite	Domestic		6	180	Perforated	100	180	15	"rock" 15'
			Vascel, Olan	NE	NW	2001	126	50	Air Rotary	Andrew	20	Bentonite	Domestic	20 / -	6	125	Open	125	126		
			Murray, William	NW	SW	1988	120	76	Roller	Danning	18	Bentonite	Domestic		6	40	Open	40	120	39	"shale" 39'
			Smith, Boyd	NW	SW	2005	135	60	Air Rotary	Independent	20	Bentonite	Domestic	15 / -	6	135	Open	135	135		
			Tyler, Ned	NW	SE	1987	120	30	Roller	Danning	18	Bentonite	Domestic		6	120	Perforated	40	100		
			Brown, Darvin	SE	SE	1982	450	65	Cable Tool	Rocky Mt.	30	Cuttings	Domestic	75 / -	16	175	Perforated	65	450	114	"purple hydraulic" 114' - deepened in 2002

Appendix A: Well Construction Details Of Wells In the South Leigh Creek Area Of Eastern Teton County, Idaho From Well Driller's Reports In IDWR's On-Line Database

Township	Range	Section	Original Well Owner	Acres 1/4	Acres 1/4	Year Completed	Drilled Depth (feet)	Water Level (feet)	Drilling Method	Driller	Seal Depth (feet)	Annular Seal Type	Use of Water	Yield/ Drawdown (gpm / foot)	Casing Diameter (inches)	Casing Depth (feet)	Casing Type	Top of Opening	Bottom of Opening	Top of Bedrock	Comments
6N	44E	31	Wheeler, Fred	NE	NW	1980	120	45	Air Rotary	Danahy	18	Bentonite	Domestic		6	120	Open	120	120		
			Ripberger, Mark	NE	SW	1988	120	40	Air Rotary	Danahy	18	Bentonite	Domestic		6	118	Open	118	120		"soft pink shale" 127"
			Kurz, Cole	NW	SW	2008	240	45	Air Rotary	Danahy	40	Bentonite	Domestic	30 / -	6	130	Open	130	240		
			Simmons, Brad	NW	SW	2000	120	80	Air Rotary	Danahy	20	Bentonite	Domestic			6	120	Open	120	120	
			Arneson, Gary	SW	SW	1988	160	78	Air Rotary	Danahy	20	Bentonite	Domestic		6	115	Open	116	160	115	"rock" 115"
			Chubb, Dennis	SW	SW	2002	120	52	Air Rotary	Independent	25	Bentonite	Domestic	20 / -	6	118	Open	118	120		"shale rock" 110"
			Gallagher, Mike	SW	SW	1992	160	90	Air Rotary	Danahy	18	Bentonite	Domestic		6	125	Open	125	160	110	"shale rock" 110"
			Quistek, Madeline	SW	SW	2004	140	20	Air Rotary	High Plains	20	Bentonite	Domestic	30 / -	6	110	Open	110	140		Temp = 52
			Rosen, Vic	SW	SW	1997	175	40	Air Rotary	Danahy	20	Bentonite	Domestic		5	175	Perforated	155	175	112	"rock (gray)" 112"
			Croft, Joe	SE	SW	2004	160	34	Air Rotary	Danahy	20	Bentonite	Domestic		6	99	Open	98	160	95	"solid gray rock" 95"
			Neely, O.J.	SE	SW	1971	260	30	Cable Tool	Hopkins Bros.	18	Cuttings	Irrigation		16	170	Perforated	20	80	130	"dark and brown luff" 130"
			Myers/Duggan, Wendell	SE	SW	2002	160	30	2 1/2" Rotary	Danahy	18	Bentonite	Domestic		6	148	Open	38	160	88	"gray rock 8800" 88"
			McNern, Brad	NE	SE	1993	140	42	Air Rotary	Danahy	20	Bentonite	Domestic		6	100	Open	100	140	100	"rock limestone" 100"
			Archibald, Gary	NW	SE	1986	60	12	Air Rotary	Mountain West	20	Bentonite	Domestic		6	59	Perforated	48	59		"rock" 100"
			Hunter, Mike	NW	SE	2006	465	185	Air Rotary	Danahy	20	Bentonite	Domestic		6	112	Open	112	465	100	"rock" 100"
			Waggoner, Paul	NW	SE	1965	70	28	Air Rotary	Mountain West	20	Bentonite	Domestic	50 / -	6	60	Perforated	50	60		"firm grey rhyolite" 112"
			Suzanne, Michelle	SW	SE	2000	135	55	Air Rotary	Independent	50	Bentonite	Domestic	75 / -	6	114	Open	114	135	112	
			Borgen, Dick	W	SE	1985	134	20	Air Rotary	Brown	40	Bentonite	Domestic	60 / -	6	97	Open	97	134		
			Hood, David	SE	SE	1989	160	88	Air Rotary	Danahy	20	Bentonite	Domestic		6	99	Open	98	160	97	"rock (gray)" 97"
			Martin, George	SE	SE	1993	143	23	Air Rotary	Danahy	20	Bentonite	Domestic		6	83	Open	83	143	90	"rock" 80"
			Schmidt, Clayton	SE	SE	1984	142	38	Air Rotary	Danahy	20	Bentonite	Domestic		6	97	Open	97	142	97	"rock" 97"
			Yost, Max			2006	140	40	Air Rotary	High Plains	30	Bentonite	Domestic	40 / -	6	140	Open	140	140	80	"limestone" 80"
6N	44E	32	Smith, Boyd	SE	NW	2006	500	135	Air Rotary	Danahy	20	Bentonite	Domestic		6	80	Open	80	500	20	"basalt" 20"
			Smith, Boyd	SE	NW	2008	400	80	Air Rotary	Danahy	20	Bentonite	Domestic		6	85	Open	85	400	80	"light grey basalt" 80"
			Tison Ranch	SE	NW	1997	500	105	Air Rotary	Danahy	20	Bentonite	Domestic		6	118	Open	118	500	15	"rock fracture" 15"
			Pitzer, Ed	SE	SE	1990	120	41	Rotary	Danahy	18	Bentonite	Domestic		6	99	Open	99	120	95	"shale rock" 95"
			Raudman, Lucinda	SE	SE	1995	83	7	Air Rotary	Maverick	20	Bentonite	Domestic	100 / -	6	73	Open	73	83	52	"purple limestone band" 52"

Table 1. Water Right Listings from IDWR for Diversions from South Leigh Creek

Preliminary tabulation of water rights on S. Leigh Creek from IDWR web-site database. Listing does not consider "combined use" conditions but does not list any disallowed rights.
 Water rights for Russian Year highlighted in light green
 Water rights for Boyd Smith highlighted in light yellow

type	Sequence	Sub	Ver	State	Priority	Date	Diversion Rate	Source List	Water Uses	Owner List
Stat claim, Decree, License	12072			Decreed	1887-08-01	0.02		SOUTH LEIGH CREEK	STOCKWATER	BRECKENRIDGE BROS (Current)
Decreed	388	B	1	Decreed	1888-04-01	0.48		SOUTH LEIGH CREEK	IRRIGATION	BRIGHTMAN, KANE (Current)
Decreed	388	C	1	Decreed	1888-04-01	0.18		SOUTH LEIGH CREEK	IRRIGATION	GIBBS JR, HAROLD L (Current)
Stat claim, Decree, License	388	A		Decreed	1888-04-01	0.18		SOUTH LEIGH CREEK	IRRIGATION	RICHARD L DAVIS FAMILY TRUST (Current)
Stat claim, Decree, License	13518			Decreed	1888-04-01	0.8		SOUTH LEIGH CREEK	IRRIGATION	BOBER, ANGELA E (Current); BOBER, JEFFREY R (Current)
Stat claim, Decree, License	13817			Decreed	1888-04-01	0.74		SOUTH LEIGH CREEK	IRRIGATION	OSAGA LLC (Current)
Stat claim, Decree, License	641			Decreed	1888-08-01	0.8		SOUTH LEIGH CREEK	IRRIGATION	SUNDOWN RANCH PARTNERSHIP (Current); SUNDOWN RIVER RANCH LLC (Current)
Stat claim, Decree, License	160			Decreed	1881-08-01	3.2		SOUTH LEIGH CREEK	IRRIGATION	THE BOYD CHARLES SMITH & JILL JOHNSON SMITH TRUST (Current)
Stat claim, Decree, License	238	A		Decreed	1881-08-01	0.4		SOUTH LEIGH CREEK	IRRIGATION	HANSEN, REX L (Current); HANSEN, SHARON (Current)
Stat claim, Decree, License	238	B		Decreed	1881-08-01	0.3		SOUTH LEIGH CREEK	IRRIGATION	HANSEN, WILLIAM E (Current)
Stat claim, Decree, License	542			Decreed	1881-08-01	2.4		SOUTH LEIGH CREEK	IRRIGATION	SUNDOWN RANCH PARTNERSHIP (Current); SUNDOWN RIVER RANCH LLC (Current)
Stat claim, Decree, License	13525			Decreed	1881-08-01	0.08		SOUTH LEIGH CREEK	IRRIGATION	HANSEN, MARGARET (Current)
Stat claim, Decree, License	13526			Decreed	1881-08-01	0.02		SOUTH LEIGH CREEK	IRRIGATION	HANSEN, REX L (Current); HANSEN, SHARON (Current)
Decreed	276	A	1	Decreed	1883-08-01	1.8		SOUTH LEIGH CREEK	IRRIGATION	HAROLD K DUNN TRUST (Current)
Decreed	276	B	1	Decreed	1883-08-01	1.6		SOUTH LEIGH CREEK	IRRIGATION	H D DUNN & SON LTD PARTNERSHIP (Current)
Stat claim, Decree, License	282			Decreed	1883-08-01	0.8		SOUTH LEIGH CREEK	IRRIGATION	DUNN, HAROLD K (Current)
Stat claim, Decree, License	276			Decreed	1883-08-01	3.2		SOUTH LEIGH CREEK	IRRIGATION	GORDEN, S A (Current)
Stat claim, Decree, License	263			Decreed	1884-08-01	1.8		SOUTH LEIGH CREEK	IRRIGATION	DUNN, HAROLD K (Current)
Stat claim, Decree, License	408			Decreed	1884-08-01	0.4		SOUTH LEIGH CREEK	IRRIGATION	DUNN, HAROLD K (Current)
Stat claim, Decree, License	411			Decreed	1885-08-01	1.8		SOUTH LEIGH CREEK	IRRIGATION	DOUGLASS, DOROTHY (Current); DOUGLASS, ORRIN V (Current)
Stat claim, Decree, License	303	B		Decreed	1886-08-01	0.04		SOUTH LEIGH CREEK	IRRIGATION	DOUGLASS, DOROTHY (Current); DOUGLASS, ORRIN V (Current)
Stat claim, Decree, License	303	D		Decreed	1886-08-01	0.5		SOUTH LEIGH CREEK	IRRIGATION	HEAD, DAVID M (Current); HEAD, USA A (Current)
Stat claim, Decree, License	303	E		Decreed	1886-08-01	0.62		SOUTH LEIGH CREEK	IRRIGATION	C M FULLMER IRRIGATION SYSTEMS INC (Current)
Stat claim, Decree, License	303	F		Decreed	1886-08-01	0.14		SOUTH LEIGH CREEK	IRRIGATION	KILLIAN, H DELBERT (Current); KILLIAN, VENECE (Current)
Stat claim, Decree, License	545			Decreed	1886-08-01	1.8		SOUTH LEIGH CREEK	IRRIGATION	THE BOYD CHARLES SMITH & JILL JOHNSON SMITH TRUST (Current)
Stat claim, Decree, License	561			Decreed	1887-04-01	3.2		SOUTH LEIGH CREEK	IRRIGATION	BRECKENRIDGE BROS (Current)
Stat claim, Decree, License	562	A		Decreed	1887-08-15	0.6		SOUTH LEIGH CREEK	IRRIGATION	TETON WEST IRRIGATION CO INC (Current)
Stat claim, Decree, License	562	B		Decreed	1887-08-15	0.8		SOUTH LEIGH CREEK	IRRIGATION	TETON PARTNERS LTD (Current)
Stat claim, Decree, License	225			Decreed	1887-08-01	1.8		SOUTH LEIGH CREEK	IRRIGATION	TETON WEST IRRIGATION CO INC (Current)
Stat claim, Decree, License	284			Decreed	1887-08-01	0.8		SOUTH LEIGH CREEK	IRRIGATION	DUNN, HAROLD K (Current)
Stat claim, Decree, License	407			Decreed	1887-08-01	2.8		SOUTH LEIGH CREEK	IRRIGATION	DUNN, HAROLD K (Current)
Stat claim, Decree, License	528	B		Decreed	1887-08-01	1.8		SOUTH LEIGH CREEK	IRRIGATION	WIRTHLIN, WILLIAM M (Current)
Stat claim, Decree, License	600			Decreed	1887-08-01			SOUTH LEIGH CREEK	ASTHATIC STORAGE, DIVERSION TO STORAGE, FIRE PROTECTION STORAGE, IRRIGATION, WILDLIFE STORAGE	BROOKS, ROBERT (Current); FVC PROPERTIES, LLC (Current); LONG, ANNETTE (Current); LONG, LUDWIG (Current); PRIME PROPERTIES OF JACKSON HOLE, LLC (Current)
Stat claim, Decree, License	11870			Decreed	1887-08-01	0.02		SOUTH LEIGH CREEK	STOCKWATER	LUNDEBLADE, DONALD W (Current)
Stat claim, Decree, License	13538			Decreed	1887-08-01	1.56		SOUTH LEIGH CREEK	IRRIGATION	MOULTON, CHERYL (Current); MOULTON, WILLIAM B (Current)
Stat claim, Decree, License	13541			Decreed	1887-08-01	0.84		SOUTH LEIGH CREEK	IRRIGATION	LORRA FULLMER FAMILY TRUST (Current)
Stat claim, Decree, License	13667			Decreed	1887-08-01	0.58		SOUTH LEIGH CREEK	IRRIGATION	HOPKINS, EDNA (Current)
Stat claim, Decree, License	13668			Decreed	1887-08-01	0.15		SOUTH LEIGH CREEK	IRRIGATION	D & R ROBERTS FAMILY LTD PARTNERSHIP (Current)
Stat claim, Decree, License	13669			Decreed	1887-08-01	0.47		UNNAMED STREAM	IRRIGATION	ANDERSON, DONETTA (Current)
Decreed	13646		1	Decreed	1887-08-10	0.045		SOUTH LEIGH CREEK	IRRIGATION	DAVIS, ANNETTE B (Current); DAVIS, DONALD R (Current)
Stat claim, Decree, License	280	B		Decreed	1887-08-10	0.26		SOUTH LEIGH CREEK	IRRIGATION	MC DAVID JR, WILLIAM K (Current); MC DAVID, SHERRY W (Current)
Stat claim, Decree, License	280	C		Decreed	1887-08-10	0.35		SOUTH LEIGH CREEK	IRRIGATION	NZ INVESTMENTS LLP (Current)
Stat claim, Decree, License	13436			Decreed	1887-08-10	0.08		SOUTH LEIGH CREEK	IRRIGATION	BURR, DAN J (Current); BURR, PATTI J (Current)
Stat claim, Decree, License	389	A		Decreed	1887-08-15	1.8		SOUTH LEIGH CREEK	IRRIGATION	DUNN, HAROLD K (Current)
Stat claim, Decree, License	389			Decreed	1887-08-15	3.2		SOUTH LEIGH CREEK	IRRIGATION	BELL, JANICE (Current); BELL, MACK (Current)
Stat claim, Decree, License	412			Decreed	1887-08-15	1.8		SOUTH LEIGH CREEK	IRRIGATION	DOUGLASS, DOROTHY (Current); DOUGLASS, ORRIN V (Current)

type	Sequence	Subs	Ver	Basis	Priority Date	Diversion Rate	Source List	Water Uses	Owner List
Stat claim, Decree, License	13726			Decreed	1897-06-15	0.36	SOUTH LEIGH CREEK	IRRIGATION	WADE, LYNNET (Current)
Stat claim, Decree, License	13727			Decreed	1897-06-15	2.84	SOUTH LEIGH CREEK	AESTHETIC STORAGE, DIVERSION TO STORAGE, FIRE PROTECTION STORAGE, IRRIGATION	PACKSADLE PROPERTIES LLC (Current)
Stat claim, Decree, License	334	A		Decreed	1897-06-24	1.8	SOUTH LEIGH CREEK	IRRIGATION	WIRTHLIN, WILLIAM M (Current)
Stat claim, Decree, License	334	B		Decreed	1897-06-24	1.6	SOUTH LEIGH CREEK	IRRIGATION	MAHOGANY CREEK ENTERPRISES LLC (Current)
Stat claim, Decree, License	366	A		Decreed	1898-05-01	0.03	SOUTH LEIGH CREEK	IRRIGATION	RICHARD L DAVIS FAMILY TRUST (Current)
Stat claim, Decree, License	366	B		Decreed	1898-05-01	0.25	SOUTH LEIGH CREEK	AESTHETIC STORAGE, DIVERSION TO STORAGE, FIRE PROTECTION STORAGE, IRRIGATION	SOUTH LEIGH CREEK LLC (Current)
Stat claim, Decree, License	366	C		Decreed	1898-05-01	0.03	SOUTH LEIGH CREEK	IRRIGATION	KOFOED ARDIS S (Current); KOFOED, LORENZO B (Current)
Recommendation	568	A	1	Decreed	1898-05-25	0.8	SOUTH LEIGH CREEK	IRRIGATION	EGBERT, RICHARD A (Current)
Recommendation	568	C	1	Decreed	1898-05-25	0.22	SOUTH LEIGH CREEK	IRRIGATION	N2 INVESTMENTS LLP (Current)
Recommendation	13720	1		Decreed	1898-05-25	1.42	SOUTH LEIGH CREEK	IRRIGATION	GEE, JERALD (Current); GEE, KERRY (Current)
Recommendation	13721	1		Decreed	1898-05-25	0.58	SOUTH LEIGH CREEK	IRRIGATION	BC PROPERTIES LLC (Current)
Decreed	601			Decreed	1898-06-01	2.6	SOUTH LEIGH CREEK	AESTHETIC STORAGE, DIVERSION TO STORAGE, FIRE PROTECTION STORAGE, IRRIGATION, WILDLIFE STORAGE	BROOKS, ROBERT (Current); FVC PROPERTIES, LLC (Current); LONG, ANNETTE (Current); LONG, LUDWIG (Current); PRIME PROPERTIES OF JACKSON HOLE, LLC (Current); RENDEZVOUS LLC (Current)
Recommendation	13845	1		Decreed	1898-06-01	0.016	SOUTH LEIGH CREEK	IRRIGATION	DAVIS, ANNETTE B. (Current); DAVIS, DONALD R. (Current)
Stat claim, Decree, License	141	C		Decreed	1898-06-01	0.4	SOUTH LEIGH CREEK	IRRIGATION	MAY, CAROL (Current); MAY, JACK (Current)
Stat claim, Decree, License	141	F		Decreed	1898-06-01	1.6	SOUTH LEIGH CREEK	IRRIGATION	R G INC (Current)
Stat claim, Decree, License	141	G		Decreed	1898-06-01	0.4	SOUTH LEIGH CREEK	IRRIGATION	ANTOZAK, VAL R (Current); POLICH, BARBARA K (Current)
Stat claim, Decree, License	141	H		Decreed	1898-06-01	0.4	SOUTH LEIGH CREEK	IRRIGATION	BECK, TERESA (Current)
Stat claim, Decree, License	171	A		Decreed	1898-06-01	2.26	SOUTH LEIGH CREEK	IRRIGATION	THOMASON FARMS INC (Current)
Stat claim, Decree, License	171	B		Decreed	1898-06-01	0.75	SOUTH LEIGH CREEK	IRRIGATION	BRECKENRIDGE BROS (Current)
Stat claim, Decree, License	226			Decreed	1898-06-01	1.6	SOUTH LEIGH CREEK	IRRIGATION	TETON WEST IRRIGATION CO INC (Current)
Stat claim, Decree, License	281	B		Decreed	1898-06-01	0.09	SOUTH LEIGH CREEK	IRRIGATION	MC DAVID JR, WILLIAM K (Current); MC DAVID, SHERRY W (Current)
Stat claim, Decree, License	281	C		Decreed	1898-06-01	0.12	SOUTH LEIGH CREEK	IRRIGATION	N2 INVESTMENTS LLP (Current)
Stat claim, Decree, License	297	C		Decreed	1898-06-01	1.2	SOUTH LEIGH CREEK	IRRIGATION	RED FEATHER IRREVOCABLE TRUST (Current); SIMONSON, RITA (Current)
Stat claim, Decree, License	297	D		Decreed	1898-06-01	0.2	SOUTH LEIGH CREEK	IRRIGATION	MILLER, KATHERINE M (Current)
Stat claim, Decree, License	304	B		Decreed	1898-06-01	0.04	SOUTH LEIGH CREEK	IRRIGATION	RICHARD L DAVIS FAMILY TRUST (Current)
Stat claim, Decree, License	304	D		Decreed	1898-06-01	0.5	SOUTH LEIGH CREEK	IRRIGATION	HEAD, DAVID M (Current); HEAD, LISA A (Current)
Stat claim, Decree, License	304	E		Decreed	1898-06-01	0.52	SOUTH LEIGH CREEK	IRRIGATION	C M FULLMER IRRIGATION SYSTEMS INC (Current)
Stat claim, Decree, License	304	F		Decreed	1898-06-01	0.14	SOUTH LEIGH CREEK	IRRIGATION	KILLIAN, H DELBERT (Current); KILLIAN, VENECIE (Current)
Stat claim, Decree, License	337			Decreed	1898-06-01	1.2	SOUTH LEIGH CREEK	IRRIGATION	ANDERSON, DONETTA (Current); ANDERSON, FLOYD J (Current)
Stat claim, Decree, License	378			Decreed	1898-06-01	8	SOUTH LEIGH CREEK	IRRIGATION	LEIGH CREEK CANAL CO (Current)
Stat claim, Decree, License	402			Decreed	1898-06-01	3.2	SOUTH LEIGH CREEK	IRRIGATION	JARDINE, NANCY B (Current); JARDINE, VERLE C (Current)
Stat claim, Decree, License	601			Decreed	1898-06-01	2.6	SOUTH LEIGH CREEK	AESTHETIC STORAGE, DIVERSION TO STORAGE, FIRE PROTECTION STORAGE, IRRIGATION, WILDLIFE STORAGE	BROOKS, ROBERT (Current); FVC PROPERTIES, LLC (Current); LONG, ANNETTE (Current); LONG, LUDWIG (Current); PRIME PROPERTIES OF JACKSON HOLE, LLC (Current); RENDEZVOUS LLC (Current)
Stat claim, Decree, License	13437			Decreed	1898-06-01	0.03	SOUTH LEIGH CREEK	IRRIGATION	BURR, DAN J (Current); BURR, PATI J (Current)
Stat claim, Decree, License	13618			Decreed	1898-06-01	0.84	SOUTH LEIGH CREEK	IRRIGATION	CHILDS, DENNIS (Current); CHILDS, JUDY (Current)
Stat claim, Decree, License	13620			Decreed	1898-06-01	0.11	SOUTH LEIGH CREEK	IRRIGATION	DEMSEY, COLBY (Current); MARTIN, KATHLEEN (Current)
Stat claim, Decree, License	13621			Decreed	1898-06-01	0.11	SOUTH LEIGH CREEK	IRRIGATION	ALTMAN, MARJORIE (Current)
Stat claim, Decree, License	13715			Decreed	1898-06-01	0.2	SOUTH LEIGH CREEK	IRRIGATION	STILES, CYNTHIA (Current); STILES, ROBERT C (Current)
Stat claim, Decree, License	13716			Decreed	1898-06-01	0.2	SOUTH LEIGH CREEK	IRRIGATION	TISCHHAUSER, NINI (Current); WILLIAMS, ANDREW (Current)
Stat claim, Decree, License	13772			Decreed	1898-06-01	0.53	SOUTH LEIGH CREEK	IRRIGATION	SIMONSON, RITA (Current)
Stat claim, Decree, License	13773			Decreed	1898-06-01	0.11	SOUTH LEIGH CREEK	IRRIGATION	HOGAN, DEANNA (Current); HOGAN, WILLIAM B (Current)
Stat claim, Decree, License	367	A		Decreed	1898-05-01	0.07	SOUTH LEIGH CREEK	IRRIGATION	RICHARD L DAVIS FAMILY TRUST (Current)
Stat claim, Decree, License	367	B		Decreed	1898-05-01	0.75	SOUTH LEIGH CREEK	AESTHETIC STORAGE, DIVERSION TO STORAGE, FIRE PROTECTION STORAGE, IRRIGATION	SOUTH LEIGH CREEK LLC (Current)
Stat claim, Decree, License	367	C		Decreed	1898-05-01	0.08	SOUTH LEIGH CREEK	IRRIGATION	KOFOED, ARDIS S (Current); KOFOED, LORENZO B (Current)
Stat claim, Decree, License	307			Decreed	1898-05-15	2	SOUTH LEIGH CREEK	IRRIGATION	TETON WEST IRRIGATION CO INC (Current)
Stat claim, Decree, License	440			Decreed	1898-06-01	0.6	SOUTH LEIGH CREEK	IRRIGATION	TIBBITTS PRODUCE CO (Current)
Stat claim, Decree, License	583	A		Decreed	1898-06-01	1	SOUTH LEIGH CREEK	IRRIGATION	TETON WEST IRRIGATION CO INC (Current)
Stat claim, Decree, License	583	B		Decreed	1898-06-01	1	SOUTH LEIGH CREEK	IRRIGATION	TETON PARTNERS LTD (Current)

Type	Sequence	Sub	No	Basin	Priority	Date	Diversion Rate	Source List	Water Users	Owner List
Stat claim, Decree, License	314			Decreed	6/1/1900		0.8	SOUTH LEIGH CREEK	IRRIGATION	MOULTON, CHERYL (Current); MOULTON, WILLIAM B (Current)
Stat claim, Decree, License	379			Decreed	6/1/1900		58	SOUTH LEIGH CREEK	IRRIGATION	LEIGH CREEK CANAL CO (Current)
Stat claim, Decree, License	181			Decreed	6/1/1901		2	SOUTH LEIGH CREEK	IRRIGATION	TEITON PARTNERS LTD (Current)
Stat claim, Decree, License	308			Decreed	6/1/1901		1.2	SOUTH LEIGH CREEK	IRRIGATION	TEITON WEST IRRIGATION CO INC (Current)
Stat claim, Decree, License	347	A		Decreed	6/1/1901		0.2	SOUTH LEIGH CREEK	IRRIGATION	TEITON WEST IRRIGATION CO INC (Current)
Stat claim, Decree, License	347	B		Decreed	6/1/1901		0.2	SOUTH LEIGH CREEK	IRRIGATION	TEITON PARTNERS LTD (Current)
Stat claim, Decree, License	403	A		Decreed	6/1/1901		1	SOUTH LEIGH CREEK	IRRIGATION	JONES, ELLEN (Current); JONES, MELVIN (Current)
Stat claim, Decree, License	527	B		Decreed	6/1/1901		0.3	SOUTH LEIGH CREEK	IRRIGATION	WIRTHLIN, WILLIAM M (Current)
Stat claim, Decree, License	348	A		Decreed	6/1/1902		0.6	SOUTH LEIGH CREEK	IRRIGATION	TEITON WEST IRRIGATION CO INC (Current)
Stat claim, Decree, License	348	B		Decreed	6/1/1902		0.6	SOUTH LEIGH CREEK	IRRIGATION	TEITON PARTNERS LTD (Current)
Stat claim, Decree, License	349	A		Decreed	6/1/1903		0.4	SOUTH LEIGH CREEK	IRRIGATION	TEITON WEST IRRIGATION CO INC (Current)
Stat claim, Decree, License	349	B		Decreed	6/1/1903		0.4	SOUTH LEIGH CREEK	IRRIGATION	TEITON PARTNERS LTD (Current)
Stat claim, Decree, License	441	A		Decreed	6/1/1903		1.7	SOUTH LEIGH CREEK	IRRIGATION	TEITON PARTNERS LTD (Current)
Stat claim, Decree, License	441	B		Decreed	6/1/1903		0.24	SOUTH LEIGH CREEK	IRRIGATION	TIBBITTS PRODUCE CO (Current)
Stat claim, Decree, License	208	C		Decreed	1/1/81905		0.79	SOUTH LEIGH CREEK	IRRIGATION	BRECKENRIDGE BROS (Current)
Stat claim, Decree, License	208	E		Decreed	1/1/81905		0.79	SOUTH LEIGH CREEK	IRRIGATION	MARCHANT, JOHN (Current); MARCHANT, NORLUA (Current)
Stat claim, Decree, License	208	F		Decreed	1/1/81905		1.25	SOUTH LEIGH CREEK	IRRIGATION	MOUNTAIN VALLEY ESTATES HOMES ASSN INC (Current Owner)
Stat claim, Decree, License	382	A		Decreed	1/1/81905		1.8	SOUTH LEIGH CREEK	IRRIGATION	BETTY ROSEN FAMILY TRUST (Current); ROSEN, VICTOR B (Current)
Stat claim, Decree, License	382	C		Decreed	1/1/81905		1.6	SOUTH LEIGH CREEK	IRRIGATION	TEITON WEST IRRIGATION CO INC (Current)
Stat claim, Decree, License	547			Decreed	1/1/81905		3.8	LEIGH CREEK, SPRING CREEK	IRRIGATION	BRECKENRIDGE BROS (Current)
Stat claim, Decree, License	13147			Decreed	1/1/81905		3	SOUTH LEIGH CREEK	IRRIGATION	TAYLOR, JOSEPH E (Current)
Stat claim, Decree, License	13148			Decreed	1/1/81905		2.9	SOUTH LEIGH CREEK	IRRIGATION	JAMES WILLIAM BEARD AND LEONA BEARD TRUST (Current)
Stat claim, Decree, License	13160			Decreed	1/1/81905		0.63	SOUTH LEIGH CREEK	IRRIGATION	THE BOYD CHARLES SMITH & JILL JOHNSON SMITH TRUST (Current)
Stat claim, Decree, License	13268			Decreed	1/1/81905		1.58	SOUTH LEIGH CREEK	IRRIGATION	THE BOYD CHARLES SMITH & JILL JOHNSON SMITH TRUST (Current)
Stat claim, Decree, License	13408			Decreed	1/1/81905		0.83	SOUTH LEIGH CREEK	IRRIGATION	WILDHORSE HOMES ASSN (Current Owner)
Stat claim, Decree, License	2031			Decreed	2/20/1906		3.32	SOUTH LEIGH CREEK	IRRIGATION	ERICH, SUSAN (Current)
Recommendation	609	A	1	Decreed	1/22/1916		1.6	SOUTH LEIGH CREEK	DOMESTIC, IRRIGATION	HOPKINS, WILLIAM F (Current)
Recommendation	619	A	1	Decreed	1/22/1916		0.83	SOUTH LEIGH CREEK	IRRIGATION	H O DUAN & SON LTD PARTNERSHIP (Current)
Recommendation	619	B	1	Decreed	1/22/1916		0.6	SOUTH LEIGH CREEK	IRRIGATION	HANSEN, REX L (Current)
Recommendation	619	C	1	Decreed	1/22/1916		0.14	SOUTH LEIGH CREEK	IRRIGATION	HANSEN, WILLIAM E (Current)
Stat claim, Decree, License	42			Decreed	1/22/1916		0.8	SOUTH LEIGH CREEK	IRRIGATION	HANSEN, MARGARET (Current)
Stat claim, Decree, License	608			Decreed	1/22/1916		54.4	SOUTH LEIGH CREEK	IRRIGATION	THE BOYD CHARLES SMITH & JILL JOHNSON SMITH TRUST (Current)
Stat claim, Decree, License	609			Decreed	1/22/1916		8	SOUTH LEIGH CREEK	IRRIGATION	LEIGH CREEK CANAL CO (Current)
Stat claim, Decree, License	610			Decreed	1/22/1916		4.8	SOUTH LEIGH CREEK	IRRIGATION	BUXTON, CARMEN J (Current)
Stat claim, Decree, License	611	A		Decreed	1/22/1916		1.2	SOUTH LEIGH CREEK	IRRIGATION	TEITON PARTNERS LTD (Current)
Stat claim, Decree, License	611	B		Decreed	1/22/1916		0.15	SOUTH LEIGH CREEK	IRRIGATION	AEHTHETIC STORAGE, DIVERSION TO STORAGE, FIRE PROTECTION STORAGE, IRRIGATION,
Stat claim, Decree, License	612	A		Decreed	1/22/1916		0.18	SOUTH LEIGH CREEK	IRRIGATION	SOUTH LEIGH CREEK LLC (Current)
Stat claim, Decree, License	612	B		Decreed	1/22/1916		0.8	SOUTH LEIGH CREEK	IRRIGATION	KOFORD, ARDIS S (Current); KOFORD, LORENZO B (Current)
Stat claim, Decree, License	612	C		Decreed	1/22/1916		0.6	SOUTH LEIGH CREEK	IRRIGATION	RICHARD L DAVIS FAMILY TRUST (Current)
Stat claim, Decree, License	613	A		Decreed	1/22/1916		0.08	SOUTH LEIGH CREEK	IRRIGATION	FULLMER, KAY (Current); FULLMER, LARRY R (Current)
Stat claim, Decree, License	613	C		Decreed	1/22/1916		0.08	SOUTH LEIGH CREEK	IRRIGATION	BRIGHTMAN, KANE (Current)
Stat claim, Decree, License	613	D		Decreed	1/22/1916		0.78	SOUTH LEIGH CREEK	IRRIGATION	RICHARD L DAVIS FAMILY TRUST (Current)
Stat claim, Decree, License	613	F		Decreed	1/22/1916		1.05	SOUTH LEIGH CREEK	IRRIGATION	HEAD, DAVID M (Current); HEAD, USA A (Current)
Stat claim, Decree, License	613	G		Decreed	1/22/1916		0.27	SOUTH LEIGH CREEK	IRRIGATION	C M FULLMER IRRIGATION SYSTEMS INC (Current)
Stat claim, Decree, License	614			Decreed	1/22/1916		3.2	SOUTH LEIGH CREEK	IRRIGATION	KILLIAN, H DELBERT (Current); KILLIAN, VENECE (Current)
Stat claim, Decree, License	615	B		Decreed	1/22/1916		0.8	SOUTH LEIGH CREEK	IRRIGATION	KILLIAN, H DELBERT (Current); KILLIAN, VENECE (Current)
Stat claim, Decree, License	616			Decreed	1/22/1916		8	SOUTH LEIGH CREEK	IRRIGATION	SUNDOWN RANCH PARTNERSHIP (Current); SUNDOWN RIVER RANCH LLC (Current)
Stat claim, Decree, License	617			Decreed	1/22/1916		0.8	SOUTH LEIGH CREEK	IRRIGATION	ERICH, SUSAN (Current)
Stat claim, Decree, License	618			Decreed	1/22/1916		0.8	SOUTH LEIGH CREEK	IRRIGATION	THE BOYD CHARLES SMITH & JILL JOHNSON SMITH TRUST (Current)
Stat claim, Decree, License	619			Decreed	1/22/1916		1.5	SOUTH LEIGH CREEK	IRRIGATION	RICKS, WANDA (Current)
Stat claim, Decree, License	620	B		Decreed	1/22/1916		1.47	SOUTH LEIGH CREEK	IRRIGATION	TEITON WEST IRRIGATION CO INC (Current)
Stat claim, Decree, License	622			Decreed	1/22/1916		4	SOUTH LEIGH CREEK	IRRIGATION	HANSEN, ALFRED (Current); HANSEN, WILLIAM (Current)
Stat claim, Decree, License	13143			Decreed	1/22/1916		3.4	SOUTH LEIGH CREEK	IRRIGATION	ANDERSON, DONETTA (Current); ANDERSON, FLOYD J (Current)
Stat claim, Decree, License	13144			Decreed	1/22/1916		3.6	SOUTH LEIGH CREEK	IRRIGATION	WIRTHLIN, WILLIAM M (Current)
Stat claim, Decree, License	13144			Decreed	1/22/1916		3.6	SOUTH LEIGH CREEK	IRRIGATION	JAMES WILLIAM BEARD AND LEONA BEARD TRUST (Current)
Stat claim, Decree, License	13144			Decreed	1/22/1916		3.6	SOUTH LEIGH CREEK	IRRIGATION	THE BOYD CHARLES SMITH & JILL JOHNSON SMITH TRUST (Current)

type	Sequence	Scale	Vol	Basin	Priority	Date	Diversion Rate	Source List	Water Uses	Owner List
Stat claim, Decree, License	13407			Decreed	1/22/1916		0.8	SOUTH LEIGH CREEK	IRRIGATION	BETTY ROSEN FAMILY TRUST (Current), ROSEN, VICTOR B (Current)
Stat claim, Decree, License	13587			Decreed	1/22/1916		2	SOUTH LEIGH CREEK	IRRIGATION	WILDHORSE HOMES ASSN (Current Owner)
Stat claim, Decree, License	13588			Decreed	1/22/1916		0.4	SOUTH LEIGH CREEK	AESTHETIC STORAGE, DIVERSION TO STORAGE, FIRE PROTECTION STORAGE, IRRIGATION, RECREATION STORAGE	SOUTH LEIGH CREEK LLC (Current)
Stat claim, Decree, License	13700			Decreed	1/22/1916		1.44	SOUTH LEIGH CREEK	IRRIGATION	KUNZ, ARNOLD J (Current), KUNZ, LOLA J (Current)
Stat claim, Decree, License	13701			Decreed	1/22/1916		0.64	SOUTH LEIGH CREEK	IRRIGATION	FERRELL, LYNN (Current)
Stat claim, Decree, License	13702			Decreed	1/22/1916		0.24	SOUTH LEIGH CREEK	IRRIGATION	BRONSTEIN FAMILY TRUST (Current)

There are a total of 152 listed rights for a total of 288.56 cfs (excluding Smith's application)



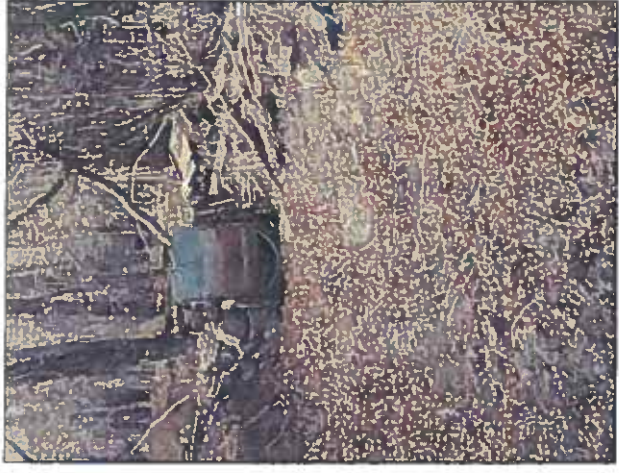
1a.



1b.



1c.



1d.



1h.



1g.



1f.



1e.



ij.



il.



ii.



ik.



1q.



1p.



1o.



1m.



lu.



lt.



ls.



lr.



4a.



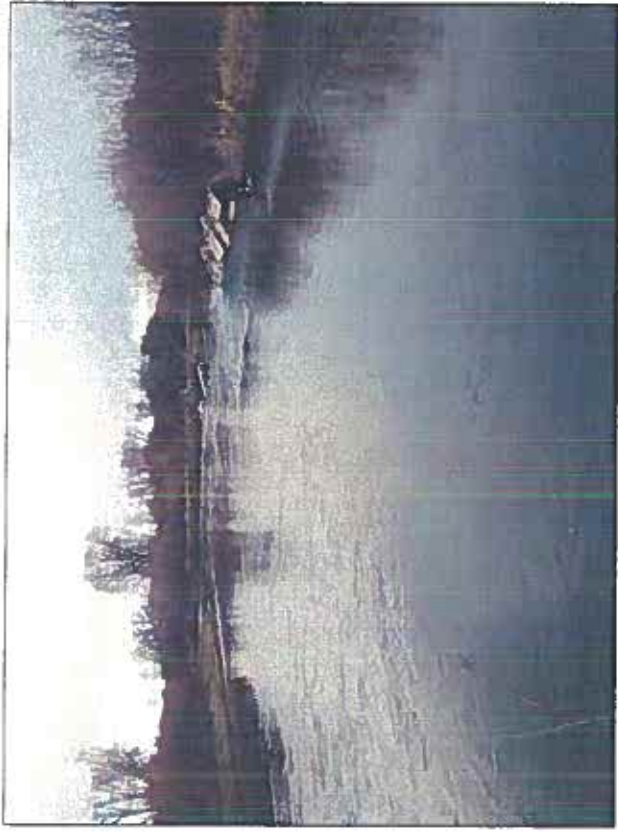
3c.



3b.



3a.



4b. Teton River



4c. Teton River



4d. Teton River



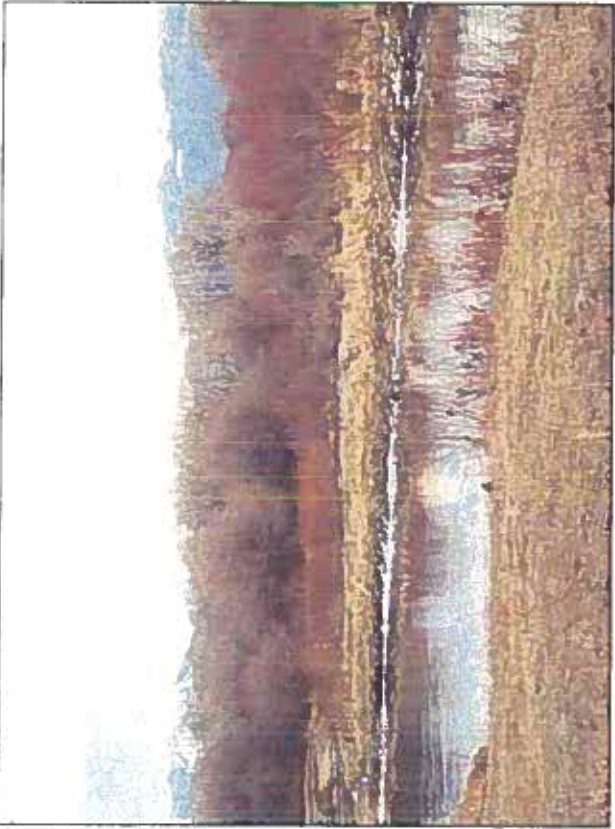
4e. Teton River



4g. Teton River



5b.



4f. Teton River



5a.



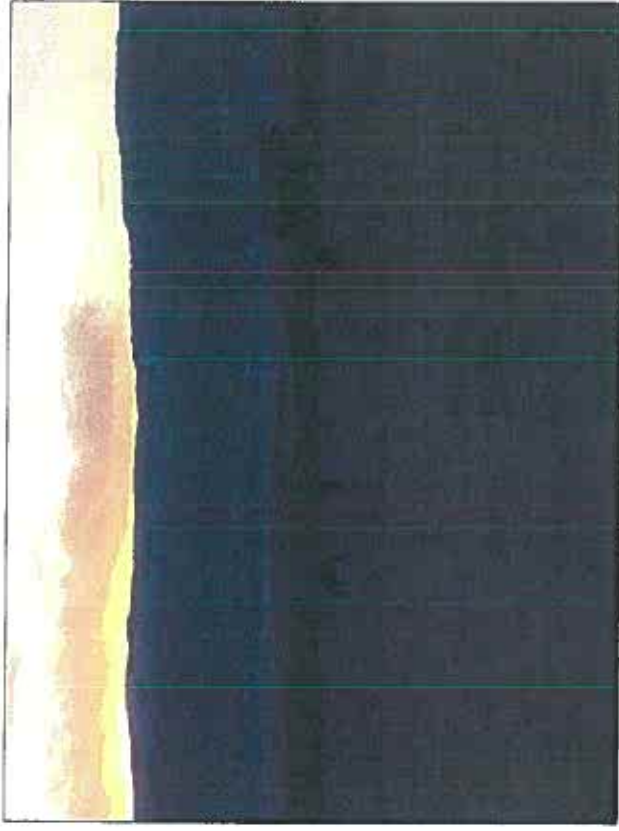
5c.



5d. Sorenson Ditch



5e. Sorenson Ditch



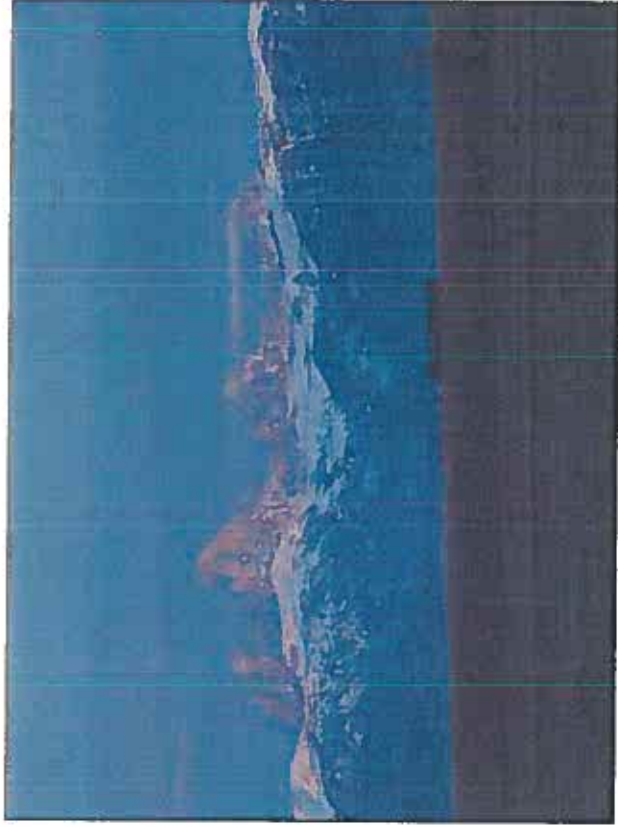
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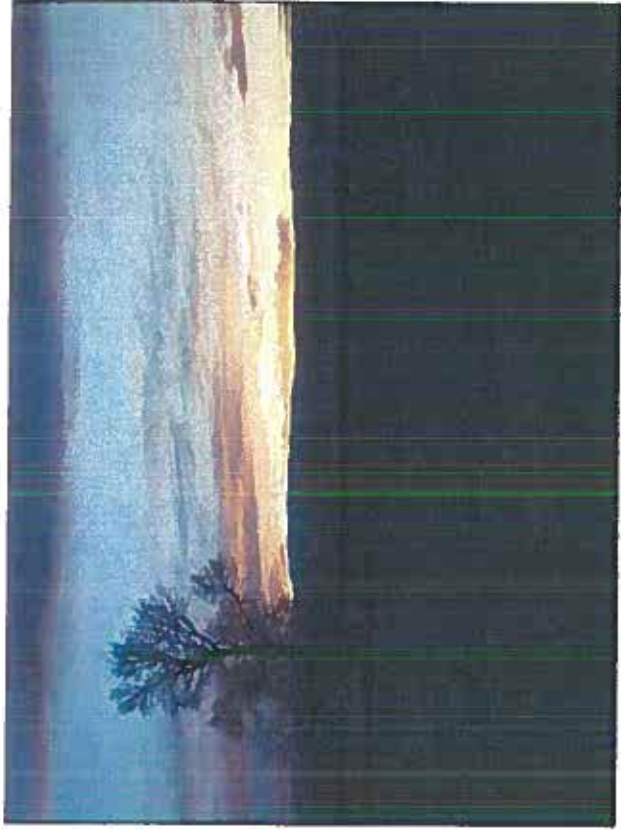
6b.



6a.



5h.



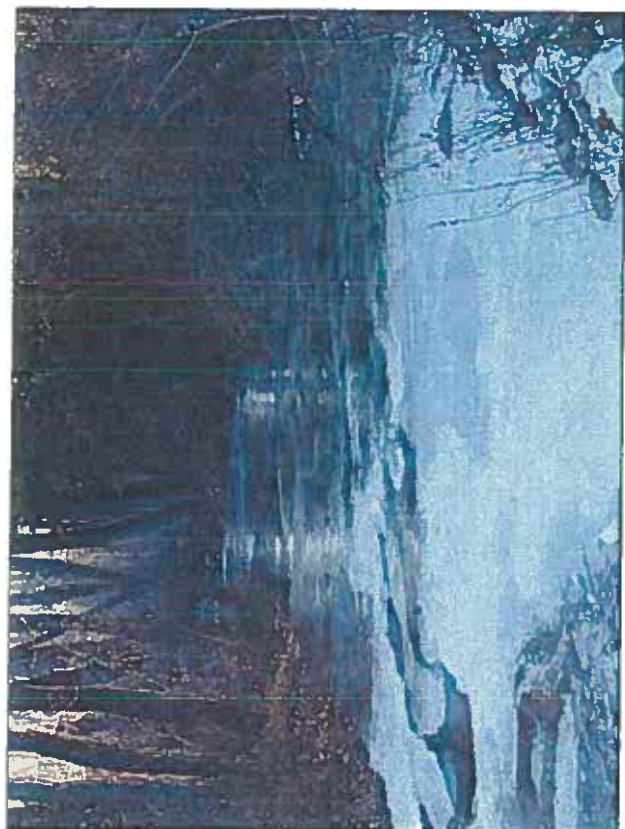
5g.



8a.



7a.



6d.



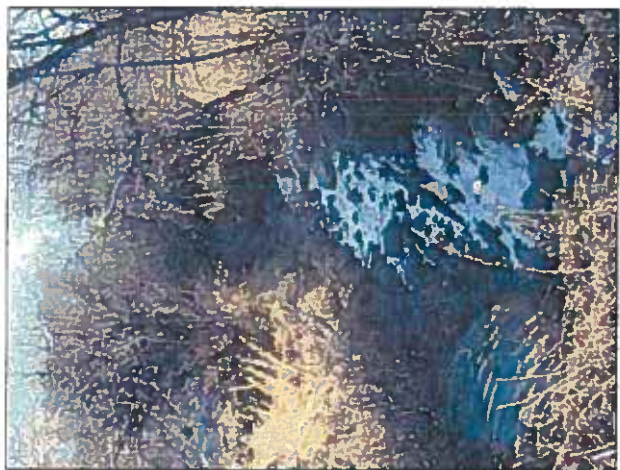
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8c.



8d.



8c.



8b.



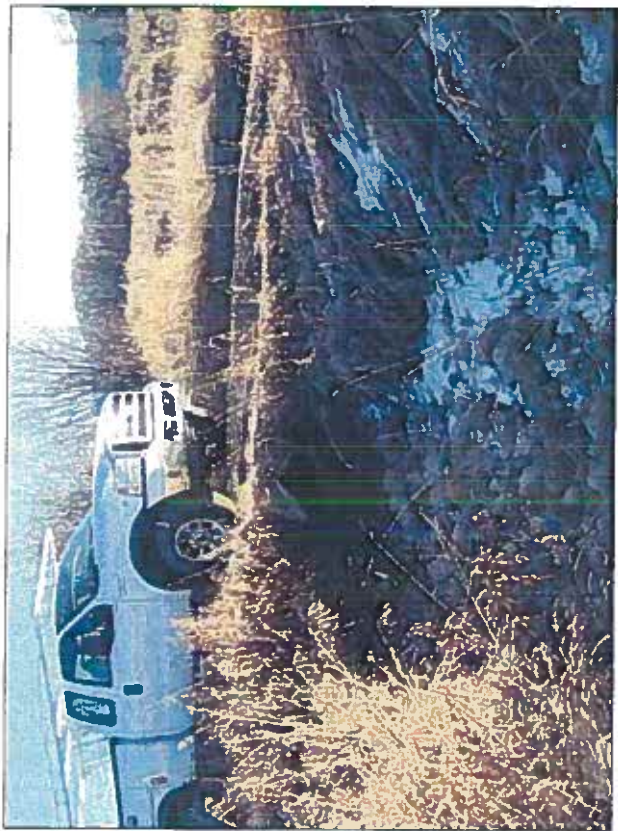
9b.



9a.



8b.



8f.



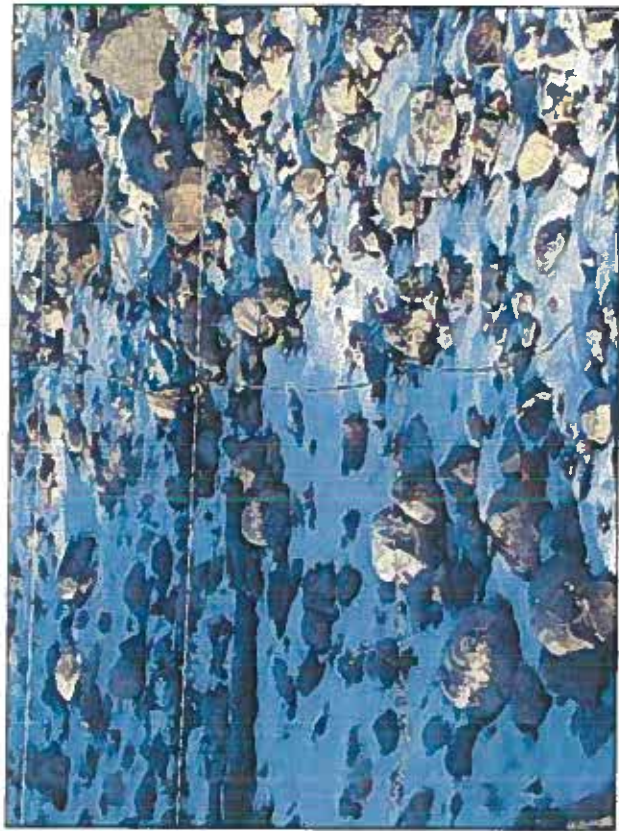
10b.



10a.



9d.



9c.



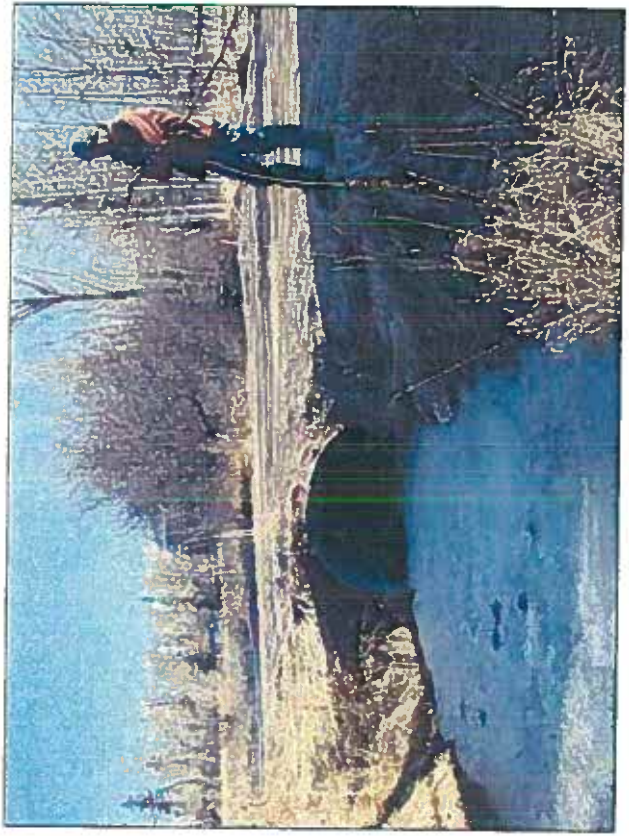
11b.



11a.



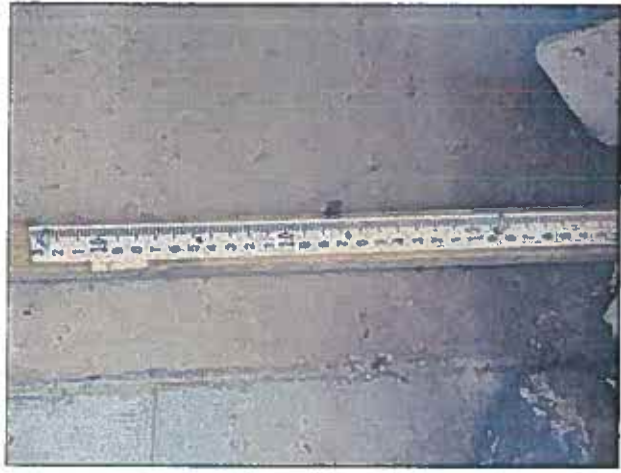
10d.



10c.



11d.



12b.



11c.



12a.



13a.



12e.



12d.



12c.



13e.



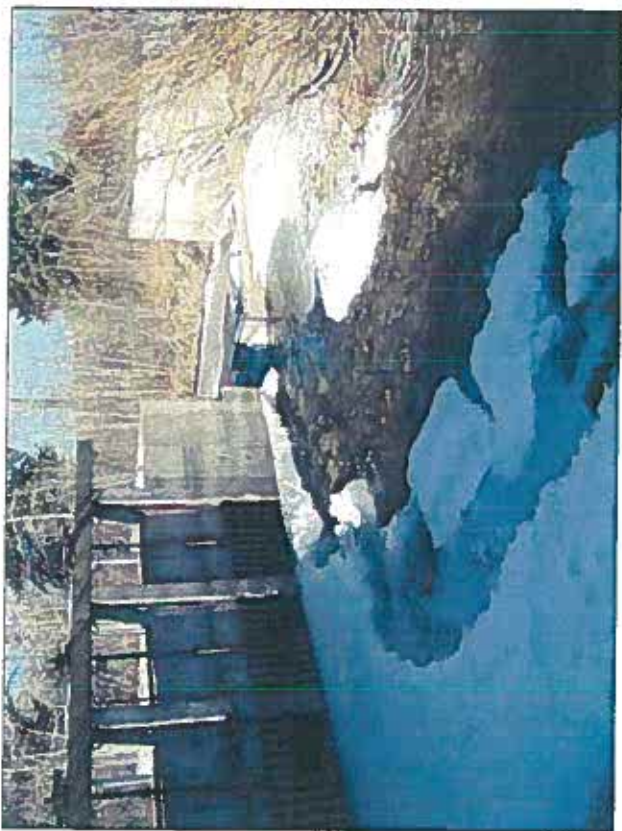
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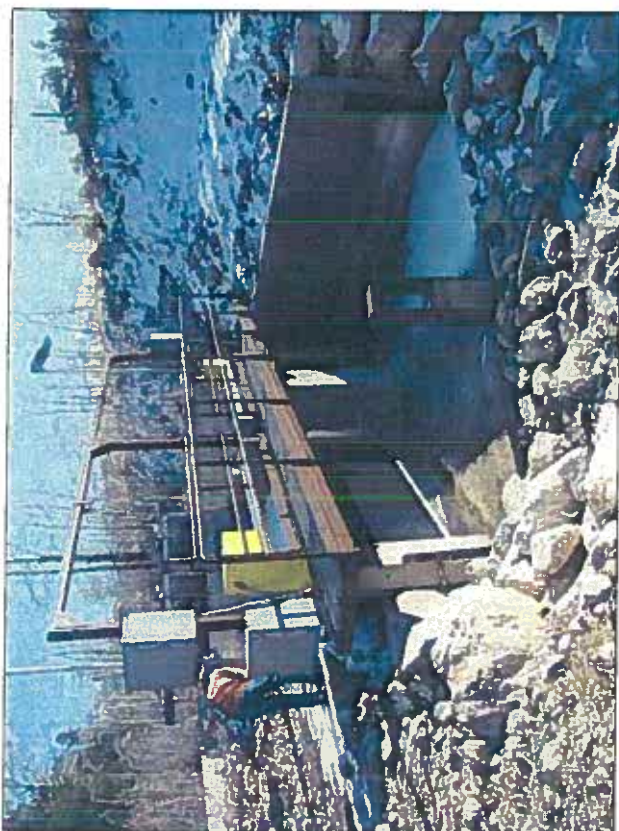
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13b.



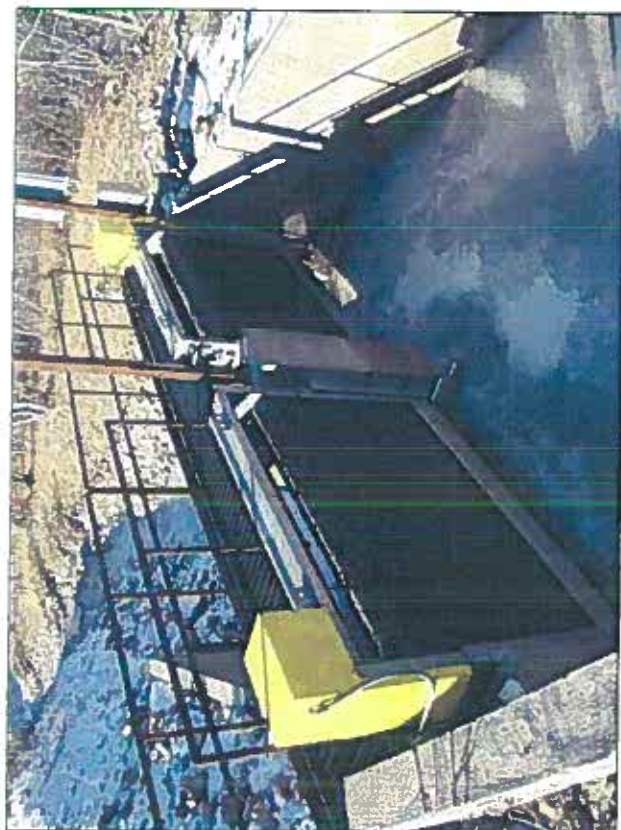
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13h.



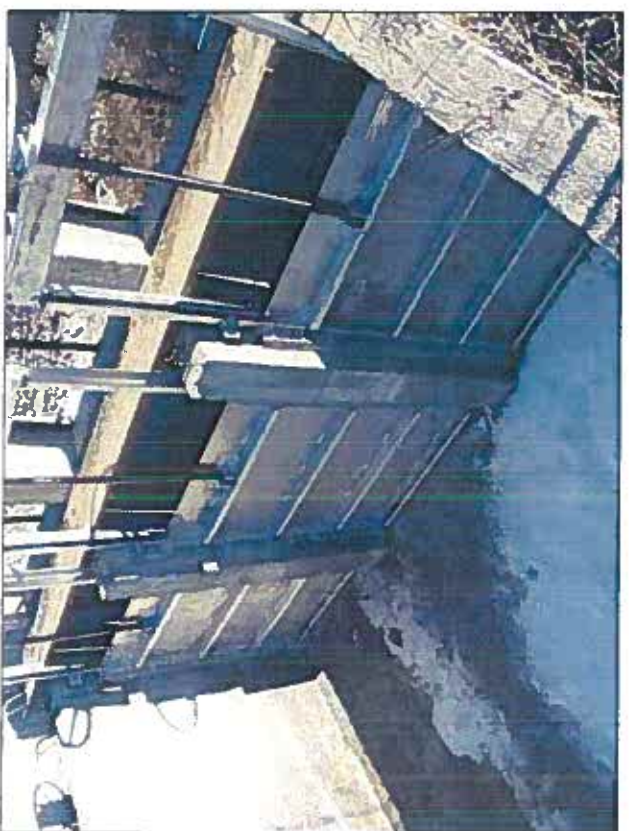
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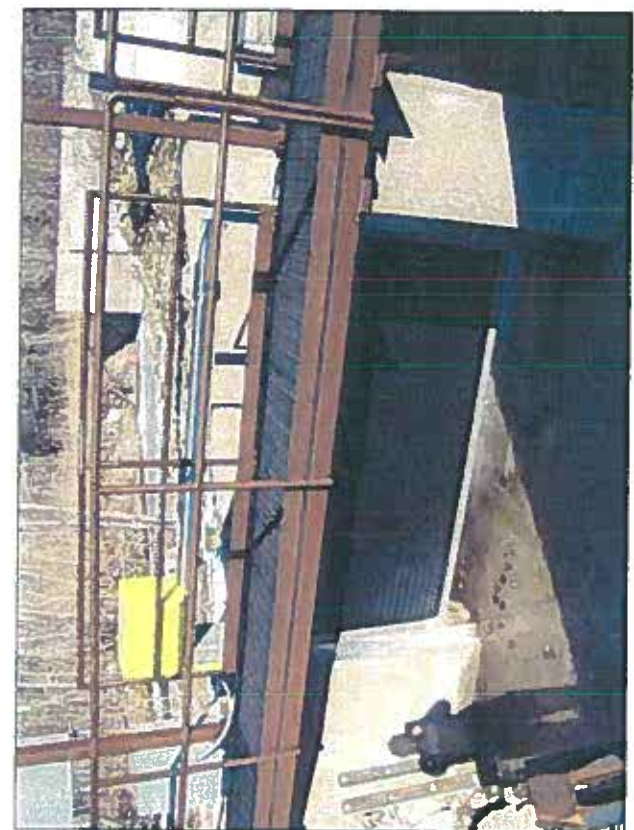
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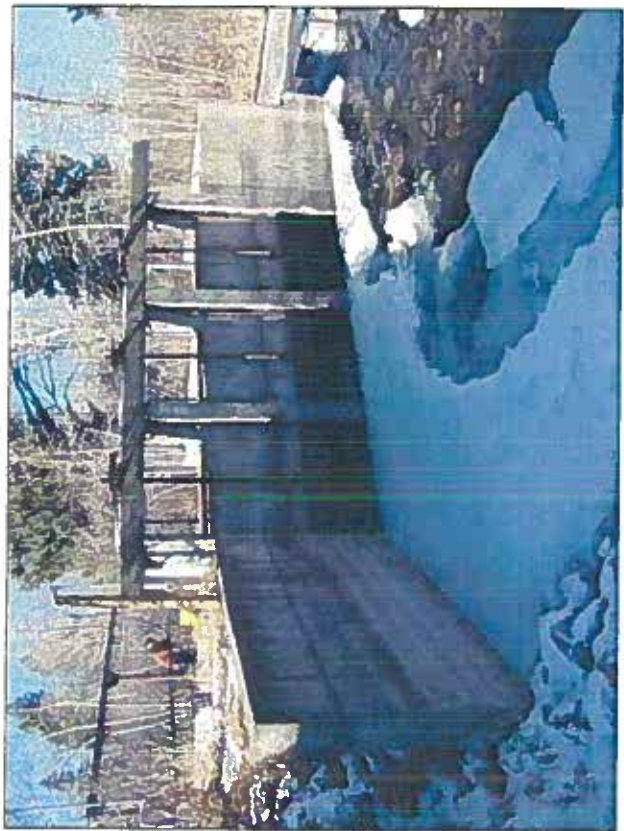
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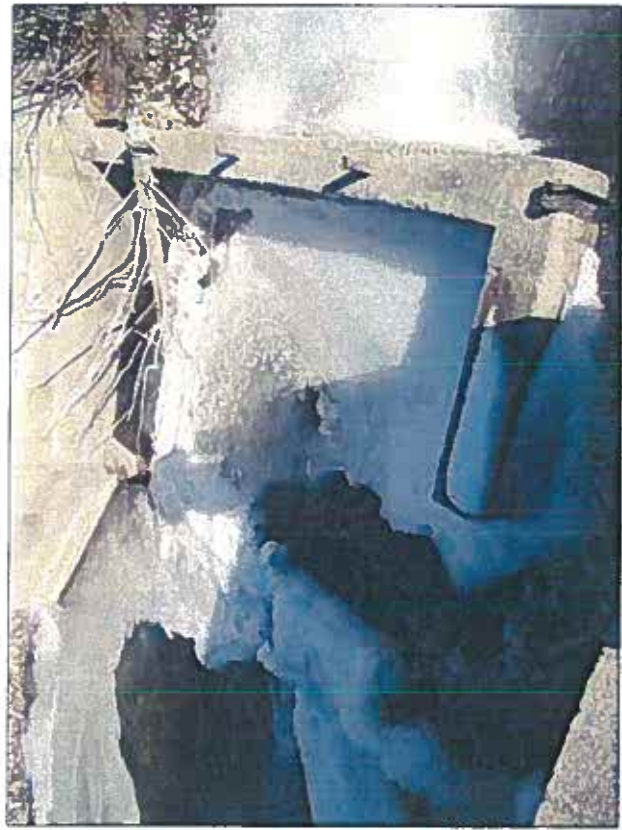
13m.



13l.



13k.



13p.



14a.



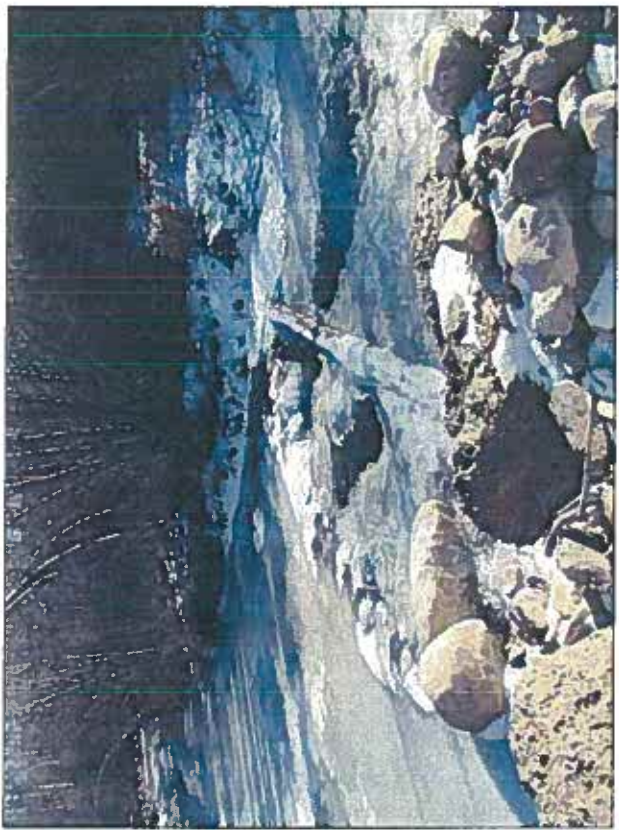
13o.



13q.



14c.



15a.



14b.



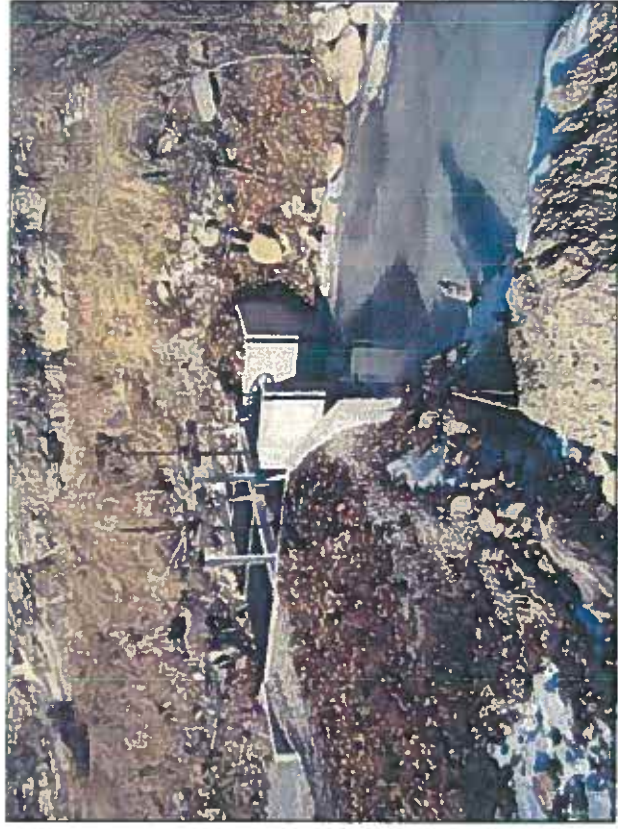
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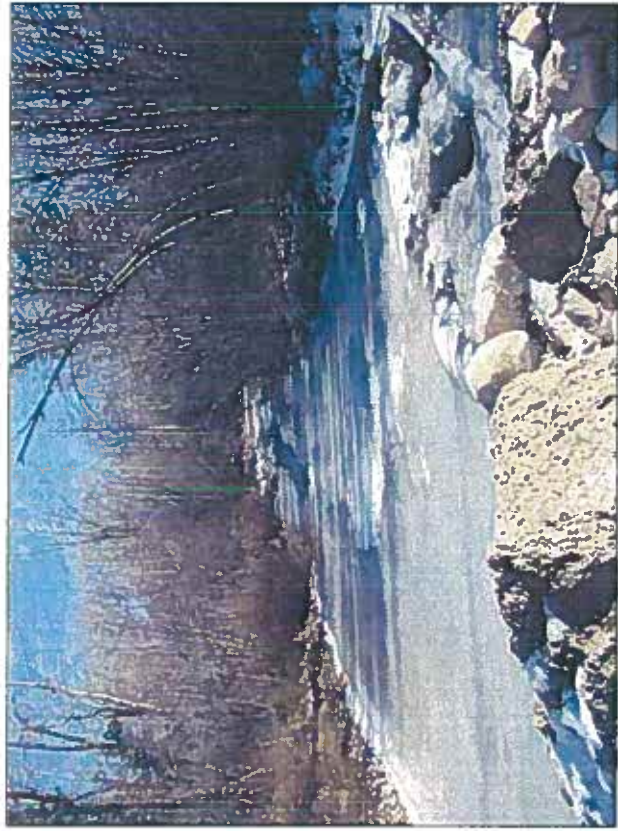
15c.



15d.



15c.



15b.



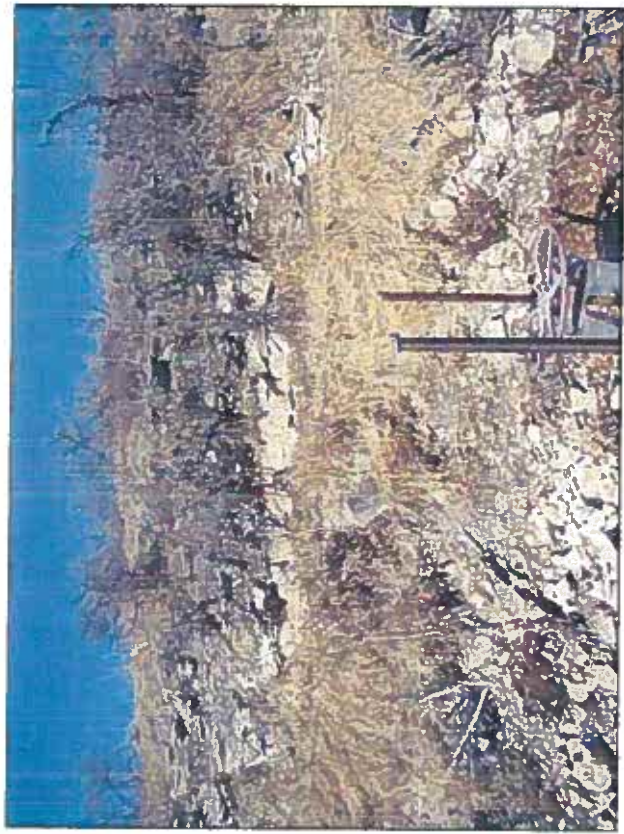
15i.



15h.



15g.



15f.



15m.



15l.



15k.

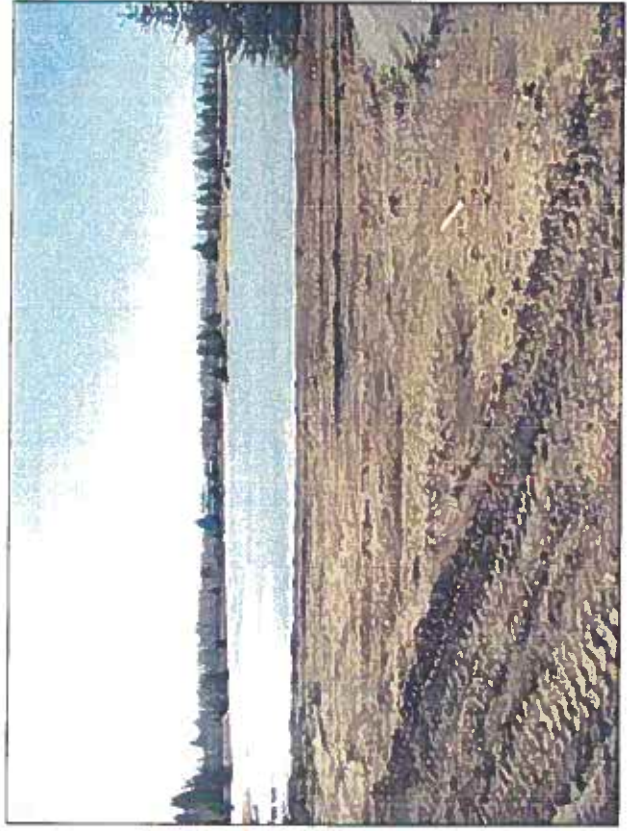


15j.



150..

Smith's Artificial Lake using Killpack water



Smith's Artificial Lake using Killpack water



Smith's Artificial Lake using Killpack water



Smith's Artificial Lake using Killpack water with Smith house in background.



Artificial pond and source of water for recycled water routed through artificial stream during dry periods.



Artificial stream using Killpack water.



Artificial pond and source of water for recycled water routed through artificial stream during dry periods.



17b.



17a.



16b.



16a.



19a.



18a.



17d.



17c.

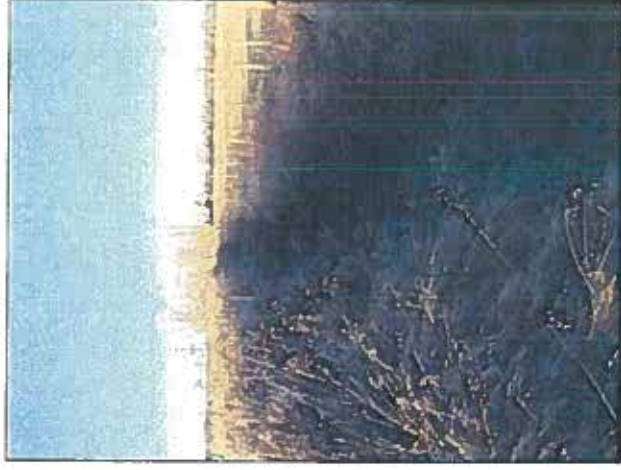


19b.

20a.



Diversion from Hog Canal?



Diversion from Hog Canal?



21a



21c

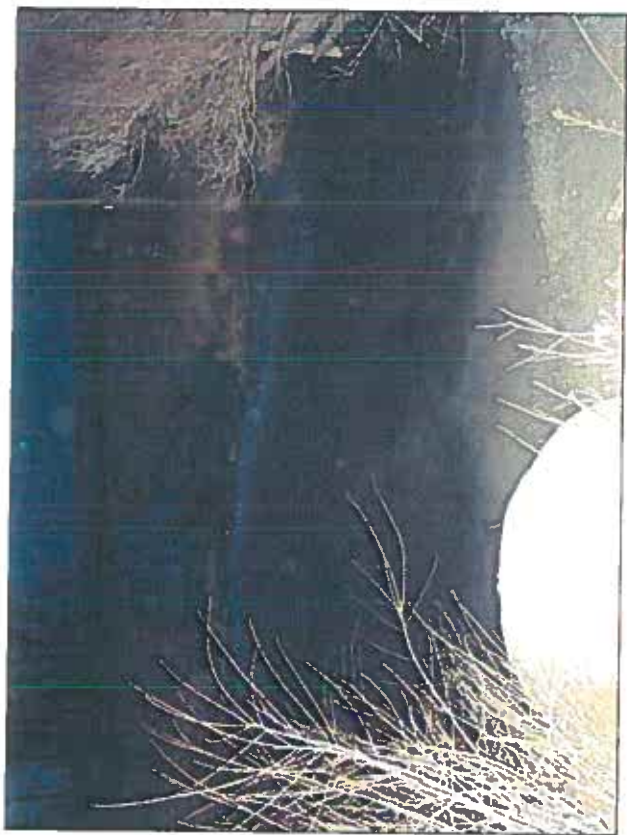


22a



21b

23a.



22b.

