

Resubmission and additional information requested by the Cassia County Planning and Zoning.
Response to Letter from Kerry D. McMurray on behalf of Cassia County dated Feb. 26, 2025.

Narrative:

1. Comments collected and emails that have been submitted to those entities under Cassia County Code 10-2-1 (C) are shown in Section 1 of this submittal.

Albion Highway District has received the updated subdivision preliminary plat. An emergency meeting was requested but was unable to be scheduled any earlier than the regularly scheduled meeting held 13th of March. Time to review the submittals was requested and will take more time than anticipated.

The water district was solicited for comments and Alan Llyod responded. Email received from Alan has been attached in Section 1

Official letters from the Fire District and South-Central Health District were received and are attached in Section 1.

An email with the latest preliminary plat was sent to Brendan Jones with the Army Corps of Engineers. Awaiting response and additional information is forthcoming.

2. It is believed that within close proximity to the City of Albion, water and sewer services not feasible provided, and the density and size of lots is harmonious with the surrounding area and in harmony of the Cassia County Comprehensive Plan. A overview of the parcel map with the proposed subdivision has been attached in Section 2.

2 subdivision plats of similar size and lot size have been attached and are found in Section 2. Clark Acres Subdivision and

3. A independent water study/analysis was performed by Idaho Water Engineering. That report can be found attached in Section 3.
4. Updated CC&Rs can be found attached in Section 4.
5. Seasonal water runoff can be explained and shown on updated preliminary plat dated March 2025.
6. Intersection data provided to Albion Highway district and has been attached to this document in Section 5.
7. Updated preliminary plat will be presented and changes explained. This can also be referenced and reviewed before March's P&Z meeting.

SECTION 1



South Central Public Health District

Prevent. Promote. Protect.



Public Health

Prevent. Promote. Protect.
Idaho Public Health Districts

March 6, 2025

Mr. Brandon Landrum
Landrum & Associates, Inc.
525 F Street
Rupert ID 83350

RE: Cottonwood Acres Subdivision

Mr. Landrum,

Per your request, I have reviewed the preliminary plat documents including the well and septic envelopes for the proposed Cottonwood Subdivision. I have also evaluated test holes onsite to determine the depth and type of soils present and if there is a potential high groundwater issue.

The depth and type of soils on all lots are appropriate for onsite septic systems to be constructed.

I do have concern for potential high groundwater on lots 2-9. The test hole data for these lots indicated periods of high groundwater levels. I propose three options to confidently construct appropriate septic systems on these lots.

1. Install simple monitoring wells to obtain real time data by monitoring the groundwater during a spring runoff period.
2. Require proprietary onsite septic systems that are designed for a one-foot vertical separation to groundwater.
3. Require mound septic systems which will elevate the drainfields above the high groundwater.

Any of these options will ensure that the appropriate subsurface sewage systems are used for the lots in question.

It is my professional opinion that this proposed subdivision can meet applicable subsurface sewage disposal statutes if the well and septic envelope designations are followed and the high groundwater for lots 2-9 are addressed.

If you have any questions or need clarification of any items, please contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "S Arnell". The signature is fluid and cursive, with the first letter "S" being particularly large and stylized.

Scott Arnell REHS/RS

Cc Kerry McMurray Cassia County Zoning Administrator

State of Idaho
DEPARTMENT OF INSURANCE

BRAD LITTLE
Governor

Steve MacLeod-Deputy Region 3
Phone 208-525-7022
Steve.macleod@doi.idaho.gov

DIVISION OF STATE FIRE MARSHAL
700 West State Street, 3rd Floor
Boise, Idaho, 83720
Phone 208-334-4370
website <http://www.doi.idaho.gov>

DEAN CAMERON
Director

KNUTE SANDAHL
State Fire Marshal

Date: March 3, 2025

Memo to: Whom it may concern

From: Steve MacLeod

Subject: Cottonwood Subdivision

In collaboration with Fire Chief Shane Ramsey, the Cottonwood Subdivision preliminary plat, dated January 2025, has been reviewed. The findings indicate compliance with the 2018 edition of the International Fire Code (IFC). The following references from the IFC 2018 edition have been identified as relevant and align with the code's requirements, which may be enforced by the fire code official.

503.1.2 Additional Access

- The fire code official is authorized to require more than one fire apparatus access road based on the potential for impairment of a single road by vehicle congestion, condition of terrain, climatic conditions, or other factors that could limit access.

503.2.3 Surface

- Fire apparatus access roads shall be designed and maintained to support the imposed loads of fire apparatus and shall be surfaced so as to provide all-weather driving capabilities.

D103.3 Turning Radius

- The minimum turning radius shall be determined by the fire code official.

505.1: Address Identification

- **General Requirement:** New and existing buildings must have approved address identification.
- **Placement:** The address identification must be legible and positioned to be visible from the street or road fronting the property.
- **Additional Signage:** Where required by the fire code official, additional address identification must be provided at approved locations to facilitate emergency response.
- **Private Road Access:** If access is via a private road and the building cannot be seen from the public way, a monument, pole, or other signage must be used to identify the structure.
- **Maintenance:** Address identification must be maintained to ensure visibility.

Sincerely,

Steve MacLeod

Steve MacLeod
Deputy State Fire Marshal

Re: Updated Cottonwood Subdivision

From Alan Lloyd <aklloyd@atcnet.net>

Date Mon 3/10/2025 12:29 PM

To Brandon Landrum <brandon@landrum-eng.com>

Cc Troy Mortensen <troy@systemtech.us>

Good morning, Brandon.

As you know, I did not sacrifice my sunny weekend to the study of this updated proposal, but I do have the following comments:

1) It appears that the question of how irrigation water will be utilized has been answered with the addition of the irrigation pond and distribution piping such that each lot can/will receive a share of the water when available.

2) With the addition of two detention ponds, with a total capacity of about 1.5 acre feet, a more appreciable amount of water can be held back contributing to groundwater recharge and runoff control. Are these ponds to be constructed with groundwater recharge in mind?

I see as well that you are requesting the highway district increase the size of the culvert under 900 south. Is that correct?

How are overflow spillways going to be constructed and armored, if or rather when the retention ponds top over during flood events? This, I'm sure it is an important design aspect.

3) The plat indicates many more larger lots of 2 and 3 acres respectively, and an overall reduction from 28 to 21 lots. Are those the correct numbers?

I see that there are still a lot of 1 acre lots on the east side as well as small lots of just over 1 acre on the north. I understand that the owners are trying to provide options for some smaller lots, however 21 wells and septic tanks is still sure to be of significant impact. However, this is a much more meaningful compromise than the reduction from 29 to 28 as previously proposed.

I suspect that many residents and neighbors will still be concerned about the overall density of homes and especially potential groundwater quantity and quality impacts. The updated proposal addresses most of my original concerns and I appreciate your efforts.

Thank you,

Alan Lloyd

Watermaster, District 45-F

208.312.2920

Sent from my iPhone

> On Mar 6, 2025, at 4:18 PM, Brandon Landrum <brandon@landrum-eng.com> wrote:

>

> Alan,

>

> Attached is the updated plat for the proposed Cottonwood Acres Subdivision. P&Z asked us to resend the updated to the various departments and utilities to get additional feedback if any. Please let me know if you have any comments or questions. We are pushing a tight timeline and if you are able to, can you please reply by Monday morning before 9am. I know it is a lot to ask in such short time, but I do

appreciate all your help on this.

>

> Thank you.

> <03MAR25 - COTTONWOOD ACRES SUBDIVISION PRE PLAT.pdf>

Re: Albion Highway District Cottonwood Subdivision Review email 2 of 2

From Brandon Landrum <brandon@landrum-eng.com>

Date Thu 3/6/2025 11:13 PM

To ahd@atcnet.net <ahd@atcnet.net>

Cc Alan Goodman <2goodman@pmt.org>; Adam Ward <wardsreefer@gmail.com>; thutch6901.th@gmail.com <thutch6901.th@gmail.com>; codyadams1986@gmail.com <codyadams1986@gmail.com>; Troy Mortensen <troy@systemtech.us>

 3 attachments (4 MB)

TRAFFIC WARRANT REVIEW.pdf; 03MAR25 - COTTONWOOD ACRES SUBDIVISION PRE PLAT.pdf; Outlook-hhbeubzy.jpg;

Please see attached updated plat and associated materials. Thank you for a speedy review and please let me know if we can be put on the 13th's agenda.

Thank you.

On Tue, Mar 4, 2025 at 5:28 AM Brandon Landrum <brandon@landrum-eng.com> wrote:

Melanie,

I am anticipating having everything put together for the proposed Cottonwood Acres subdivision by the end of today (Tuesday, March 4th). Would we be able to get a special meeting set up for Thursday (March 6th)? I know this is a tight timeframe and a shorter than usual review timeline, but it will allow us to get any additional comments and review from the Highway District before our Cassia County P&Z deadline of March 10th. Thank you for your help on this project.

Brandon Landrum, PE/PLS
brandon@landrum-eng.com
Office: 208.436.3714



From: ahd@atcnet.net <ahd@atcnet.net>

Sent: Wednesday, January 22, 2025 11:26 AM

To: 'Sara Haynes' <shaynes@cassia.gov>; 'Brandon Landrum' <brandon@landrum-eng.com>; kerrym@cassia.gov <kerrym@cassia.gov>

Cc: 'Stephen Freiburger' <sfreiburger@paragonfbk.com>; Alan Goodman <2goodman@pmt.org>; 'Adam Ward' <wardsreefer@gmail.com>; thutch6901.th@gmail.com <thutch6901.th@gmail.com>; codyadams1986@gmail.com <codyadams1986@gmail.com>

Subject: Albion Highway District Cottonwood Subdivision Review email 2 of 2

Review of Cottonwood Acres Subdivision

Melanie Nebeker, Secretary

Albion Highway District

PO Box 64, Albion ID 83311


208-673-6490

Re: NWW-2024-00433, T and H Property Holdings Proposed Subdivision

From Brandon Landrum <brandon@landrum-eng.com>

Date Mon 3/10/2025 4:30 PM

To Jones, Brendan V CIV USARMY CENWW (USA) <Brendan.V.Jones@usace.army.mil>

 1 attachment (3 MB)

03MAR25 - COTTONWOOD ACRES SUBDIVISION PRE PLAT.pdf;

Brendan,

Thank you for talking with me on the phone a couple of months back. I have attached our preliminary plat for the proposed subdivision on the parcel you refer to in the letter. As classified by South Central Health District, it would appear that there is a seasonal spring runoff that occurs, some years more than others, that follows a path through the natural low spot in the middle of the property. In my research and survey, I did not find a direct path to any water way (creek, etc.). It does settle at the intersection of 900 South Road, 1150 East Road, and Highway 77. Once the water increases to a certain height, it does flow over the road and work its way toward town.

This is during an extreme case where there is significant flooding in the area. I am sending you this preliminary plat to see if there is anything more needed from us to satisfy the Army Corps of Engineers. Please let me know if you have any comments or questions and what, if any, additional work is needed.

Thank you,

Brandon Landrum, PE/PLS
brandon@landrum-eng.com
Office: 208.436.3714



From: Jones, Brendan V CIV USARMY CENWW (USA) <Brendan.V.Jones@usace.army.mil>

Sent: Thursday, September 5, 2024 7:23 PM

To: Brandon@landrum-eng.com <Brandon@landrum-eng.com>; Troy@systemtech.us <Troy@systemtech.us>

Cc: bldgdept@cassia.gov <bldgdept@cassia.gov>

Subject: NWW-2024-00433, T and H Property Holdings Proposed Subdivision

All,

Please see the attached scoping letter.

Best,

Brendan Jones

Environmental Resource Specialist

U.S. Army Corps of Engineers

Walla Walla District

Idaho Falls Regulatory Office

900 N Skyline Drive, Suite A

Idaho Falls, Idaho 83402

(208) 522-1645


brendan.v.jones@usace.army.mil

Cottonwood Acres Subdivision

From Brandon Landrum <brandon@landrum-eng.com>

Date Thu 3/6/2025 6:20 PM

To Chester Bradshaw <c.bradshaw@cassiaschools.org>; milsandr@cassiaschools.org
<milsandr@cassiaschools.org>

 1 attachment (3 MB)

03MAR25 - COTTONWOOD ACRES SUBDIVISION PRE PLAT.pdf;

Hello,

End of last year a request for comment on the proposed subdivision located south of Albion was sent out. There have been several changes to this proposed subdivision plat and Cassia County Planning and Zoning has asked that we send the updated plans out for another chance to comment. Please see attached and, if at all possible, an official response would be very helpful as soon as you can.

Thank you,

Brandon Landrum, PE/PLS
brandon@landrum-eng.com
Office: 208.436.3714




Cottonwood Acres Subdivision - Pre Plat

From Brandon Landrum <brandon@landrum-eng.com>

Date Thu 3/6/2025 6:16 PM

To bryan.burbank@itd.idaho.gov <bryan.burbank@itd.idaho.gov>

 1 attachment (3 MB)

03MAR25 - COTTONWOOD ACRES SUBDIVISION PRE PLAT.pdf;

Bryan,

We spoke on the phone, a few days ago or so, about the proposed subdivision in Cassia County south of the town of Albion. I have attached the latest project drawings and would like to get an official response from ITD. Thank you for your review of this project.

Brandon Landrum, PE/PLS
brandon@landrum-eng.com
Office: 208.436.3714




Cottonwood Acres Subdivision

From Brandon Landrum <brandon@landrum-eng.com>

Date Thu 3/6/2025 1:44 PM

To Mike Christensen <mchristensen@rrelectric.com>

Cc Troy Mortensen <troy@systemtech.us>

 1 attachment (3 MB)

03MAR25 - COTTONWOOD ACRES SUBDIVISION PRE PLAT.pdf;

Mike,

Attached is the updated proposed plan for the Cottonwood Subdivision. The subdivision had changed to 24 residential lots, dropping the number from the previous plat.

We had a Cassia County P&Z meeting in February, and one of the comments was a request to reach out to Utility and Departments for an official comment on the serviceability and overall design review. If you are willing to help us with this request, we need a letter from you/Raft River Electric with any comments you may have as well as a statement that we will be able to provide power to the lots within this subdivision. We need this letter this week if possible. We have to turn in the additional information to the P&Z board by Monday, March 10th. Thank you for your help and please call if you have any questions so I can answer them as soon as I can.

Thank you,

Brandon Landrum, PE/PLS
brandon@landrum-eng.com
Office: 208.436.3714





**Raft River Rural
Electric Cooperative Inc.**
www.rrelectric.com

March 10, 2025

To Whom It May Concern,

I am writing this letter in response to a request to provide comment on the availability of electric services from Raft River Electric Cooperative to serve the Cottonwood Acres Subdivision located just southeast of Albion, Idaho.

The proposed Cottonwood Acres subdivision is within Raft River Electric Cooperative's service territory and has existing overhead electric lines around portions of the property. It is the intent of Raft River Electric Cooperative to serve the electric load of Cottonwood Acres as needed once the requirements of service have been met according to Raft River Electric Cooperative, Inc. General Policy #402.22.

We look forward to be able to provide the electricity needed.

Sincerely,

Mike Christensen

mchristensen@rrelectric.com

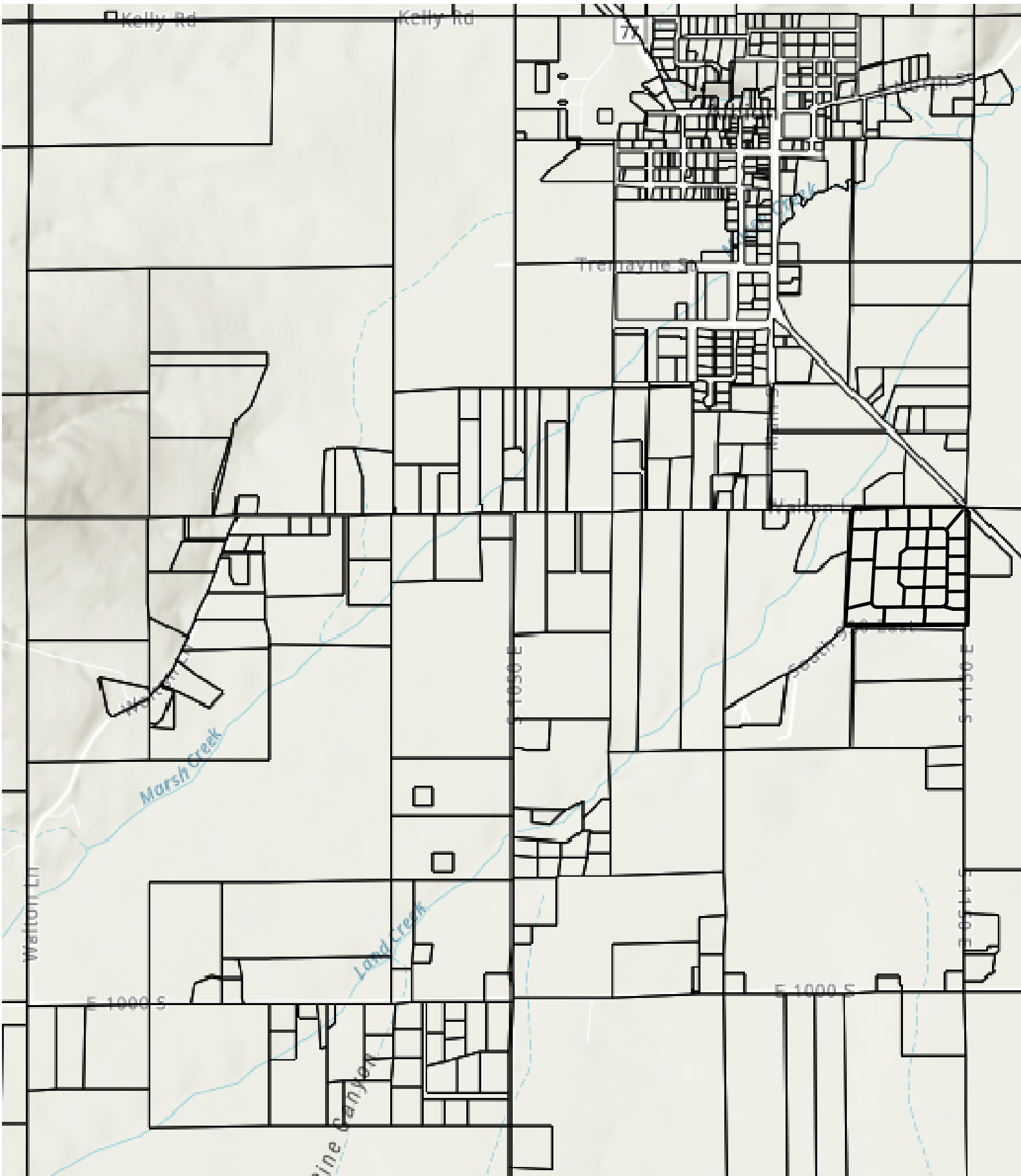
Operations Superintendent

Raft River Electric Cooperative

155 N. Main • P.O. Box 617, Malta, ID 83342
Phone: 208-645-2211 • 800-342-7732
Fax: 208-645-2300

SECTION 2

EXHIBIT: ALBION AERIAL VIEW

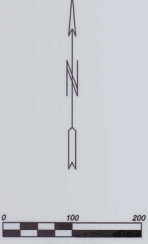


CLARK ACRES SUBDIVISION

PART OF THE NE4 OF SECTION 13 OF TOWNSHIP 12 SOUTH
 RANGE 24 EAST OF THE BOISE MERIDIAN, CASSIA COUNTY,
 STATE OF IDAHO.

PREVIOUS RECORD OF SURVEY
 PROPERTY SURVEY FOR CLARK
 REC. 21 AUG. 1995, INST. NO. 23924
 MOON & ASSOC. #95558 (3 MAPS)
 PROPERTY SURVEY FOR SMITH
 REC. 8 SEPT. 1995, INST. NO. 24502
 MOON & ASSOC. #95900
 PROPERTY SURVEY FOR CRAWFORTH/SONENSON
 REC. 2 DEC. 1996, INST. NO. 26615
 MOON & ASSOC. #96116

Course	Bearing	Distance
L1	S 89°23'43" W	0.28'
L2	S 00°25'14" W	67.24'
L3	N 89°22'58" W	0.30'
L4	N 00°18'55" E	50.00'
L5	N 00°18'50" E	27.24'
L6	N 88°51'50" E	50.00'
L7	S 00°18'50" W	36.00'
L8	N 00°19'34" E	50.00'
L9	N 00°19'34" E	16.00'
L10	N 00°19'34" E	39.65'
L11	N 88°51'50" E	39.00'
L12	N 00°19'34" E	59.45'
L13	S 00°25'20" W	66.43'
L14	S 73°50'08" W	90.00'



BASIS OF BEARING = GPS ORIENTATION TO NORTH

- NOTE**
- - SET IRON PIN (1/4" x 24" rebar) w/ L.S. no. attached.
 - - NO CORNER SET.
 - - OTHER SURVEY CONTROL FOUND OR SET AS NOTED.
 - - SET LATH.
 - - SET IRON PIN (5/8" x 30" rebar) w/ L.S. no. attached.
- SUBDIVISION BOUNDARY LINE



LOT 3 RESTRICTION
 DUE TO NO LEGAL ACCESS, LOT 3 SHALL ONLY BE DEVELOPED IN CONJUNCTION WITH ADJACENT PROPERTY OR LOT.

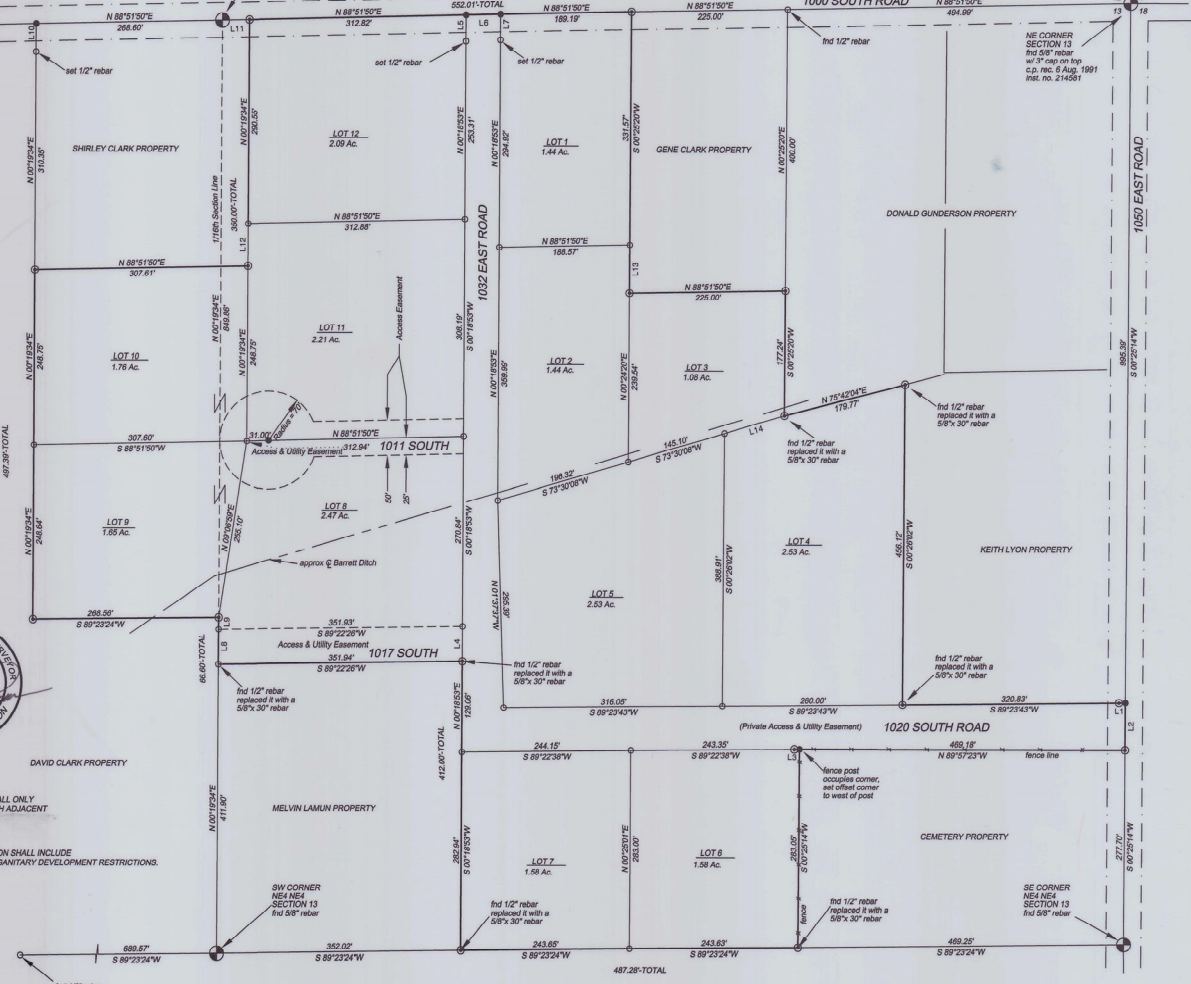
DEED RESTRICTIONS:
 SALE OF LOTS WITHIN THE SUBDIVISION SHALL INCLUDE DEED RESTRICTIONS FOR LOT 3 AND SANITARY DEVELOPMENT RESTRICTIONS.

SOUTH CENTRAL DISTRICT - HEALTH CERTIFICATE

SANITARY RESTRICTIONS AS REQUIRED BY IDAHO CODE, TITLE 60, CHAPTER 13, HAVE BEEN SATISFIED. SANITARY RESTRICTIONS MAY BE REIMPOSED, IN ACCORDANCE WITH SECTION 60-1306, IDAHO CODE, BY THE ISSUANCE OF A HEALTH CERTIFICATE OF DISAPPROVAL.

[Signature]
 DISTRICT HEALTH DEPARTMENT, REHS
 DATE: April 20, 2012

SANITARY DEVELOPMENT RESTRICTION:
 NO BUILDING OR SEPTIC SYSTEM PERMIT SHALL BE ISSUED ON ANY LOT UNTIL APPROVED TEST HOLES ARE DUG AND EVALUATED FOR SEASONAL HIGH GROUND WATER. SUCH TEST HOLES SHALL BE DUG AND EVALUATED DURING THE SEASONAL HIGH GROUND WATER AND APPROVED BY THE HEALTH DISTRICT.



SECTION 13
T. 12 S., R. 24 E., B.M.
 CASSIA COUNTY, IDAHO

CLARK ACRES SUBDIVISION

PART OF THE NE1/4 OF SECTION 13 OF TOWNSHIP 12 SOUTH
RANGE 24 EAST OF THE BOISE MERIDIAN, CASSIA COUNTY,
STATE OF IDAHO.

LEGAL DESCRIPTION

Part of the NE1/4 of Section 13 of Township 12 South, Range 24
East of the Boise Meridian, Cassia County, State of Idaho.

Beginning at the SE corner of the NE1/4 NE1/4 of Section 13 of
T. 12 S., R. 24 E., B.M. said corner marked by a 5/8" rebar; Thence
South 89 degrees 23 minutes 24 seconds West along the south line
of the NE1/4 NE1/4 for a distance of 469.25 feet to a 5/8" rebar
which shall be the Point of Beginning;

THENCE South 89 degrees 23 minutes 24 seconds West along the
south line of the NE1/4 NE1/4 for a distance of 487.28 feet to a
5/8" rebar;

THENCE North 00 degrees 18 minutes 53 seconds East for a
distance of 412.00 feet to a 5/8" rebar;

THENCE South 89 degrees 22 minutes 26 seconds West for a
distance of 351.94 feet to a 5/8" rebar;

THENCE North 00 degrees 19 minutes 34 seconds East for a
distance of 497.39 feet to a 5/8" rebar;

THENCE South 89 degrees 23 minutes 24 seconds West for a
distance of 268.56 feet to a 5/8" rebar;

THENCE North 00 degrees 19 minutes 34 seconds East for a
distance of 307.61 feet to a 5/8" rebar;

THENCE North 88 degrees 51 minutes 50 seconds East for a
distance of 350.00 feet to a 5/8" rebar on the north line of
Section 13;

THENCE North 88 degrees 51 minutes 50 seconds East along the
north line of Section 13 for a distance of 592.01 feet to a 5/8"
rebar;

THENCE South 00 degrees 25 minutes 20 seconds West for a
distance of 400.00 feet to a 5/8" rebar;

THENCE North 89 degrees 51 minutes 50 seconds East for a
distance of 225.00 feet to a 5/8" rebar;

THENCE South 00 degrees 25 minutes 20 seconds West for a
distance of 177.24 feet to a 5/8" rebar;

THENCE North 75 degrees 42 minutes 04 seconds East for a
distance of 179.77 feet to a 5/8" rebar;

THENCE South 00 degrees 26 minutes 02 seconds West for a
distance of 456.12 feet to a 5/8" rebar;

THENCE North 89 degrees 23 minutes 43 seconds East for a
distance of 320.83 feet to a 5/8" rebar;

THENCE North 89 degrees 23 minutes 43 seconds East for a
distance of 128 feet to the east line of Section 13;

THENCE South 00 degrees 25 minutes 14 seconds West along the
east line of Section 13 for a distance of 67.34 feet to a 5/8"
rebar on the extended north fence line of the Cemetery;

THENCE North 89 degrees 57 minutes 23 seconds West along the
north fence line of the Cemetery for a distance of 469.16 feet to
a fence post;

THENCE South 00 degrees 25 minutes 14 seconds West for a
distance of 283.05 feet to the Point of Beginning.

Said property contains 24.91 acres more or less and is
subject to a right of way for the Barrett Ditch and subject to
any other irrigation ditches or easements or right of ways,
existing or of record.

SURVEYOR VERIFICATION

THIS IS TO CERTIFY THAT THIS PLAT IS IN COMPLIANCE WITH TITLE
50, CHAPTER 13 OF THE IDAHO CODE, AS REQUIRED BY SECTION
50-1305.

BY: Steven C. Pearson L.S. DATE: 4-13-12

ALBION HIGHWAY DISTRICT ENDORSEMENT

THE ALBION HIGHWAY DISTRICT ENDORSES THE PLAT UPON THE
OWNER'S ACKNOWLEDGEMENT AND CERTIFICATION THAT THE ROADS
DEPICTED HEREON (1032 EAST ROAD & 1020 SOUTH ROAD) ARE NOT PUBLIC
ROADS NOR ARE THEY DEDICATED TO THE PUBLIC. THE ALBION HIGHWAY
DISTRICT WILL NOT BE RESPONSIBLE FOR CONSTRUCTION OR MAINTENANCE
OF SAID PRIVATE ROADS.

Boresalibu MAY 10, 2012
ALBION HIGHWAY DISTRICT CHAIRMAN DATE

PLANNING AND ZONING COMMISSION

THIS IS TO CERTIFY THAT THE PLAT DEPICTED HEREON HAS BEEN
APPROVED AND ACCEPTED ON THIS DAY OF May, 2012.
BY THE CASSIA COUNTY PLANNING AND ZONING COMMISSION.

Russell Beck CHAIRMAN
Kenny D. McKinney ADMINISTRATOR

CASSIA COUNTY COMMISSIONERS

THIS IS TO CERTIFY THAT THE PLAT DEPICTED HEREON HAS BEEN
APPROVED AND ACCEPTED ON THIS DAY OF May, 2012.
BY THE CASSIA COUNTY COMMISSIONERS.

Donnie D. Orme CHAIRMAN
Alfred Barman COUNTY ATTORNEY

COUNTY TREASURER'S CERTIFICATE

FOR THE YEAR 2011
ALL TAXES HAVE BEEN PAID ON THE LAND AS SHOWN ON THIS PLAT.

Steve Johnson 5-11-12
CASSIA COUNTY TREASURER DATE:

SURVEYORS CERTIFICATION

I, STEVEN C. PEARSON, A REGISTERED PROFESSIONAL LAND
SURVEYOR, IDAHO LICENSE NO. 3623, DO HEREBY ATTEST THAT
THE PLAT DEPICTED HEREON WAS SURVEYED BY ME OR UNDER MY
DIRECT SUPERVISION AND IS A TRUE CORRECT REPRESENTATION
THEREOF.



THIS PLAT IS SUBJECT TO THE PROVISIONS OF IDAHO CODE SECTIONS
31-3605 AND SECTION 31-3606 WITH REFERENCE TO IRRIGATION ISSUES.
WITH REFERENCE TO IDAHO CODE SECTION 50-1334, THE LOTS AS
SHOWN WILL BE SERVED BY INDIVIDUAL WELLS.

DEDICATION

KNOW ALL MEN BY THESE PRESENTS, THAT THE UNDERSIGNED ARE
THE OWNERS OF THE REAL PROPERTY AS SHOWN ON THIS PLAT, BE
IT FURTHER KNOWN THAT THEY AGREE TO THE DESIGNATIONS OF THE
REAL PROPERTY AS SHOWN AS:

CLARK ACRES SUBDIVISION

FURTHER THAT THE OWNERS GRANT, GIVE, AND DEDICATE TO THE
PUBLIC SUCH PORTIONS OF LAND AS SHOWN ON SAID PLAT AS SET
APART FOR EASEMENTS FOR THE USE OF THE PUBLIC FOREVER
IN ADDITION TO THOSE NOW ON RECORD OR LEGALLY
ESTABLISHED.

FURTHER THE EASEMENTS INDICATED ON THIS PLAT ARE NOT DEDICATED
TO THE PUBLIC BUT THE RIGHTS TO USE SAID EASEMENTS ARE HEREBY
PERPETUALLY RESERVED FOR PUBLIC UTILITIES AND OTHER SUCH USES
AS DESIGNATED ON THIS PLAT. FURTHER NO STRUCTURES OTHER THAN
FOR SUCH UTILITIES AND OTHER DESIGNATED USES ARE TO BE ERRECTED
WITHIN THE LINES OF THE PUBLIC UTILITY EASEMENTS AS SHOWN.

Shirley A. Clark

NOTARY PUBLIC CERTIFICATION

STATE OF IDAHO SS
COUNTY OF MINIDOKA
ON THIS 10 DAY OF MAY, 2012 BEFORE ME,
Paul E. Aston A NOTARY PUBLIC PERSONALLY

APPEARED:
SHIRLEY CLARK

KNOWN TO ME AS THE PERSON WHOSE NAME APPEAR ON THIS
INSTRUMENT AND ACKNOWLEDGED BY ME THAT HE EXECUTED THE
SAME.



Paul E. Aston
RESIDING IN MINIDOKA COUNTY, IDAHO

COUNTY RECORDERS CERTIFICATE

INSTRUMENT NUMBER: _____
STATE OF IDAHO
COUNTY OF CASSIA

I HEREBY CERTIFY THAT THIS INSTRUMENT WAS FILED AT THE
REQUEST OF _____ M. THIS _____ DAY OF _____
PAST _____ O'CLOCK _____ M. THIS _____ DAY OF _____
20 _____, IN MY OFFICE AND WAS DULY RECORDED.

PLAT BOOK NO. _____ PAGE _____

COUNTY RECORDER DEPUTY



LAND CREEK HEIGHTS SUBDIVISION
 A PART OF LOT 3, SECTION 7
 TOWNSHIP 12 SOUTH, RANGE 25 EAST,
 BOISE MERIDIAN, CASSIA COUNTY, IDAHO.

RECORDED AT THE REQUEST OF
 Moon & Assoc.
 FILM 274
 NOV FEB -6 P 1:57 240989
 CASSIA COUNTY, IDAHO
 MARSHALL D. OSSELLE
 RECORDER
 DEPUTY

VERIFYING SURVEYOR

I, STANLEY C. PEARSON REGISTERED PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT I HAVE CHECKED THIS PLAT OF LAND CREEK HEIGHTS SUBDIVISION, AND FIND THAT IT COMPLEIES WITH THE STATE OF IDAHO CODE RELATING TO PLATS AND SURVEYS.

11-27-98 Stanley C. Pearson 16 2622 LS #

CASSIA COUNTY COMMISSION

THIS IS TO CERTIFY THAT THE PLAT DEPICTED HEREON HAS BEEN APPROVED THIS 12th DAY OF December 1995 BY THE BOARD OF CASSIA COUNTY COMMISSIONERS, CASSIA COUNTY, IDAHO.

Chairman John Killdane

CASSIA COUNTY PLANNING COMMISSION

APPROVED THIS 11th DAY OF December 1995 BY THE CASSIA COUNTY PLANNING COMMISSION.

Name David Johnson Title County Administrator

CASSIA COUNTY ZONING COMMISSION

APPROVED THIS 11th DAY OF December 1995 BY THE CASSIA COUNTY ZONING COMMISSION.

Name David Johnson Title County Administrator

SOUTH CENTRAL DISTRICT HEALTH DEPARTMENT

APPROVED THIS 5th DAY OF December 1995 BY THE SOUTH CENTRAL DISTRICT HEALTH DEPARTMENT.

Name Scott Hill Title ETS

CASSIA COUNTY ATTORNEY

APPROVED THIS 1st DAY OF August 1995 BY THE CASSIA COUNTY ATTORNEY.

County Attorney Stephen M. Spurr

CASSIA COUNTY TREASURER

APPROVED THIS 5th DAY OF December 1995 BY THE CASSIA COUNTY TREASURER.

County Treasurer David Johnson

 **MOON & ASSOCIATES**
 ENGINEERING & LAND SURVEYING
 625 F. STREET RUPERT, IDAHO 83950
 PHONE (208) 486-3714

LAND CREEK HEIGHTS

DRAWN BY: D.E. MOON	DATE: 31.JUL.95
CHECKED BY: E.D. MOON	JOB NO.: 95005
DRAWING: GRIGG DWS	
COVER SHEET	12202-7-3-4-0



LAND CREEK HEIGHTS SUBDIVISION
A PART OF LOT 3, SECTION 7
TOWNSHIP 12 SOUTH, RANGE 25 EAST,
BOISE MERIDIAN, CASSIA COUNTY, IDAHO.

COMMENCING AT THE SOUTHWEST CORNER OF SECTION 7, MONUMENTED BY A 5/8" REBAR WITH A 3" CASSIA COUNTY ALUMINUM CAP; THENCE NORTH 00°45'13" EAST FOR 1317.65 FEET TO A 2" PIPE AT THE SOUTH WEST CORNER OF LOT 3, SECTION 7 WHICH SHALL BE THE TRUE POINT OF BEGINNING;

THENCE NORTH 88°50'11" EAST ALONG THE SOUTH BOUNDARY OF LOT 3 FOR 28.01 FEET TO A POINT ON THE EAST COUNTY ROAD RIGHT-OF-WAY;

THENCE CONTINUING ALONG THE SOUTH BOUNDARY OF LOT 3 NORTH 88°50'11" EAST FOR 1037.87 FEET TO A 5/8" REBAR AT THE SOUTHEAST CORNER OF LOT 3;

THENCE NORTH 00°35'31" EAST FOR 841.57 FEET ALONG THE EAST LINE OF LOT 3 TO A 5/8" REBAR;

THENCE NORTH 88°50'56" WEST FOR 84.50 FEET TO A 5/8" REBAR;

THENCE SOUTH 40° 05' 42" WEST FOR 287.46 FEET TO A 5/8" REBAR;

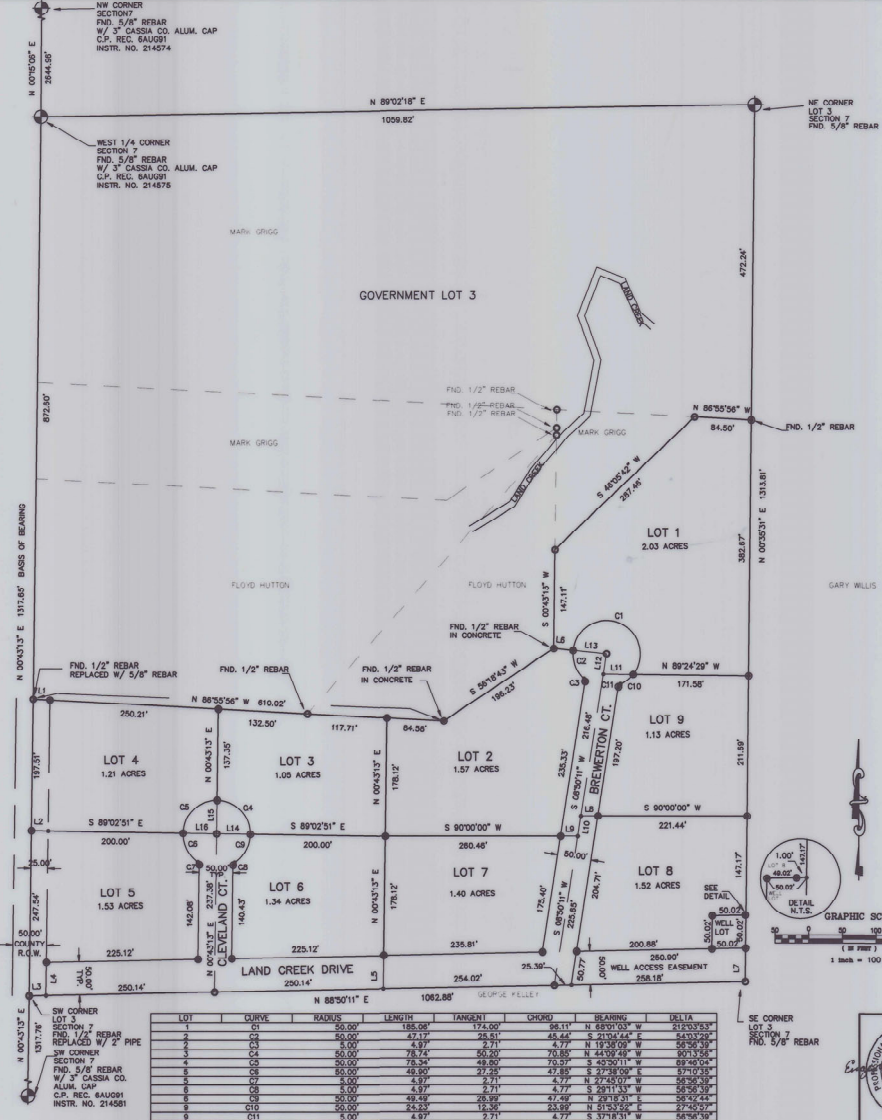
THENCE SOUTH 00°43'13" WEST FOR 147.11 FEET TO A 5/8" REBAR;

THENCE SOUTH 56°18'43" WEST FOR 186.23 FEET TO A 5/8" REBAR;

THENCE NORTH 88°50'56" WEST FOR 610.02 FEET TO A 5/8" REBAR ON THE WEST SECTION LINE AND THE CENTER LINE OF A COUNTY ROAD EASEMENT;

THENCE SOUTH 00°43'13" WEST FOR 445.05 FEET ALONG THE SECTION LINE TO THE TRUE POINT OF BEGINNING.

LAND CREEK HEIGHTS SUBDIVISION CONTAINS 12.77 ACRES AND IS SUBJECT TO A COUNTY ROAD EASEMENT ON THE WEST, A PRIVATE ROAD EASEMENT ON THE SOUTH AND A WELL ACCESS EASEMENT ON THE SOUTH.



LINE	DIRECTION	DISTANCE
L1	N 88°50'56" W	28.01
L2	S 89°02'51" E	25.00
L3	N 88°50'11" E	28.01
L4	N 00°43'13" E	80.33
L5	N 00°43'13" W	50.00
L6	S 84°35'00" E	28.83
L7	N 00°35'31" W	50.00
L8	N 88°50'56" W	28.01
L9	S 89°02'51" E	25.00
L10	S 89°02'51" W	25.00
L11	N 89°24'29" W	44.11
L12	S 88°50'11" W	21.00
L13	S 84°35'00" E	28.83
L14	N 88°50'56" W	50.00
L15	N 00°43'13" E	50.00
L16	S 89°02'51" E	50.00

SURVEYS OF RECORD

AGR-WEST REALTY
 RECORDED OCTOBER 26, 1992
 INSTR. NO. 221803

AGR-WEST REALTY
 RECORDED

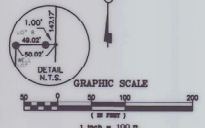
LEGEND

- = 1/2" REBAR WITH L.S. CAP SET
- = REBAR FOUND AS INDICATED OR 5/8" SET
- = NO POINT FOUND OR SET
- ⊕ = SECTION CORNER OR BENCHMARK

LOT	CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
1	C1	50.00'	185.06'	174.00'	58.11'	N 68°01'53" W	212°03'53"
2	C2	50.00'	42.12'	26.81'	48.44'	S 21°14'44" E	84°13'56"
3	C3	50.00'	4.97'	2.71'	4.77'	N 19°35'09" W	58°25'39"
4	C4	50.00'	78.74'	50.20'	70.85'	N 44°59'49" W	90°13'58"
5	C5	50.00'	75.34'	48.80'	70.31'	S 45°20'11" W	89°46'04"
6	C6	50.00'	48.80'	27.35'	47.85'	S 21°38'09" E	57°10'38"
7	C7	50.00'	5.97'	2.71'	4.77'	N 22°45'01" W	58°25'39"
8	C8	50.00'	4.97'	2.71'	4.77'	S 28°11'33" W	58°25'39"
9	C9	50.00'	42.12'	26.81'	48.44'	N 68°01'53" E	58°25'39"
10	C10	50.00'	24.23'	15.35'	24.89'	N 51°33'25" E	37°40'29"
11	C11	50.00'	4.97'	2.71'	4.77'	S 37°18'31" W	58°25'39"

SANITARY RESTRICTION
 THIS PLAT IS SUBJECT TO THE SANITARY RESTRICTIONS AS PER IDAHO CODE TITLE 50, CHAPTER 13, SECTIONS 50-1326.

SURVEYOR'S CERTIFICATION
 I, EUGENE D. MOON, A REGISTERED PROFESSIONAL ENGINEER AND LAND SURVEYOR, IDAHO LICENSE NO. 2298, DO HEREBY ATTEST THAT THE PLAT DEPICTED HEREON WAS SURVEYED BY ME OR UNDER MY DIRECT SUPERVISION AND IS A TRUE AND CORRECT REPRESENTATION THEREOF.



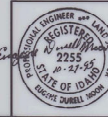
MOON & ASSOCIATES
ENGINEERING & LAND SURVEYING

625 F. STREET RUPERT, IDAHO 83350
 PHONE (208) 436-3714

LAND CREEK HEIGHTS

DRAWN BY: D.E. MOON DATE: 26OCT95
 CHECKED BY: E.D. MOON JOB NO.: 85000
 DRAWING: GRIGG.DWG

SHEET 1 OF 3 SHEETS 12252-7-3-4-0



LAND CREEK HEIGHTS SUBDIVISION

TOWNSHIP 12 SOUTH, RANGE 25 EAST, BOISE MERIDIAN, CASSIA COUNTY, IDAHO.

SECTION 7: A PART OF GOVERNMENT LOT 3, MORE PARTICULARLY DESCRIBED AS FOLLOWS.

LAND CREEK HEIGHTS LOT 1

COMMENCING AT THE SOUTHWEST CORNER OF SECTION 7, MONUMENTED BY A 5/8" REBAR WITH A 3" CASSIA COUNTY ALUMINUM CAP; THENCE NORTH 00°43'13" EAST FOR 1317.78 FEET TO A 2" PIPE AT THE SOUTH WEST CORNER OF LOT 3, SECTION 7; THENCE NORTH 88°50'11" EAST ALONG THE SOUTH BOUNDARY OF LOT 3 FOR 25.01 FEET TO A POINT ON THE EAST COUNTY ROAD RIGHT-OF-WAY; THENCE CONTINUING ALONG THE SOUTH BOUNDARY OF LOT 3 NORTH 88°50'11" EAST FOR 1.03787 FEET TO A 5/8" REBAR AT THE SOUTHWEST CORNER OF LOT 3; THENCE NORTH 00°30'31" EAST FOR 406.80 FEET ALONG THE EAST LINE OF LOT 3 TO A 1/2" REBAR WHICH SHALL BE THE TRUE POINT OF BEGINNING.

THENCE CONTINUING NORTH 00°30'31" EAST FOR 382.67 FEET ALONG THE EAST LINE OF LOT 3 TO A 1/2" REBAR;
 THENCE NORTH 88°58'58" WEST FOR 84.50 FEET TO A 5/8" REBAR;
 THENCE SOUTH 48°28'42" WEST FOR 287.48 FEET TO A 5/8" REBAR;
 THENCE SOUTH 00°43'13" WEST FOR 147.11 FEET TO A 1/2" REBAR IN CONCRETE;
 THENCE SOUTH 84°03'00" EAST FOR 28.80 FEET TO A 1/2" REBAR ON THE WEST SIDE OF BREWERTON COURT CUL-DE-SAC;
 THENCE CONTINUING SOUTH 84°03'00" EAST FOR 50.00 FEET TO A 5/8" REBAR AT THE CENTER OF BREWERTON COURT CUL-DE-SAC;
 THENCE SOUTH 08°50'11" WEST ALONG THE CENTERLINE OF BREWERTON COURT FOR 30.70 FEET TO A POINT;
 THENCE SOUTH 89°24'28" EAST FOR 44.11 FEET TO A 1/2" REBAR ON THE EAST SIDE OF BREWERTON COURT CUL-DE-SAC;
 THENCE CONTINUING SOUTH 89°24'28" EAST FOR 171.50 FEET TO THE TRUE POINT OF BEGINNING.
 LOT 1 CONTAINS 2.03 ACRES AND IS SUBJECT TO A PRIVATE CUL-DE-SAC EASEMENT ALONG THE SOUTHWEST SIDE.

TOWNSHIP 12 SOUTH, RANGE 25 EAST, BOISE MERIDIAN, CASSIA COUNTY, IDAHO.

SECTION 7: A PART OF GOVERNMENT LOT 3, MORE PARTICULARLY DESCRIBED AS FOLLOWS.

LAND CREEK HEIGHTS LOT 2

COMMENCING AT THE SOUTHWEST CORNER OF SECTION 7, MONUMENTED BY A 5/8" REBAR WITH A 3" CASSIA COUNTY ALUMINUM CAP; THENCE NORTH 00°43'13" EAST FOR 1317.78 FEET TO A 2" PIPE AT THE SOUTH WEST CORNER OF LOT 3, SECTION 7; THENCE NORTH 88°50'11" EAST ALONG THE SOUTH BOUNDARY OF LOT 3 FOR 25.01 FEET TO A POINT ON THE EAST COUNTY ROAD RIGHT-OF-WAY; THENCE CONTINUING ALONG THE SOUTH BOUNDARY OF LOT 3 NORTH 88°50'11" EAST FOR 1.03787 FEET TO A 5/8" REBAR AT THE CENTERLINE OF BREWERTON COURT; THENCE NORTH 08°50'11" EAST FOR 226.65 FEET ALONG THE CENTERLINE OF BREWERTON COURT TO A POINT WHICH SHALL BE THE TRUE POINT OF BEGINNING.

THENCE SOUTH 80°00'00" WEST FOR 25.30 FEET TO A 1/2" REBAR ON THE WEST SIDE OF BREWERTON COURT;
 THENCE CONTINUING SOUTH 80°00'00" WEST FOR 280.48 FEET TO A 1/2" REBAR;
 THENCE NORTH 00°43'13" EAST FOR 178.12 FEET TO A 1/2" REBAR;
 THENCE SOUTH 88°58'58" EAST FOR 84.58 FEET TO A 1/2" REBAR IN CONCRETE;
 THENCE NORTH 86°18'43" EAST FOR 198.23 FEET TO A 1/2" REBAR IN CONCRETE;
 THENCE SOUTH 84°18'00" EAST FOR 28.88 FEET TO A 1/2" REBAR ON THE WEST SIDE OF BREWERTON COURT CUL-DE-SAC;
 THENCE CONTINUING SOUTH 84°18'00" EAST FOR 50.00 FEET TO A 5/8" REBAR AT THE CENTER OF A CUL-DE-SAC ON BREWERTON COURT;
 THENCE SOUTH 08°50'11" WEST FOR 277.54 FEET TO THE TRUE POINT OF BEGINNING.
 LOT 2 CONTAINS 1.57 ACRES AND IS SUBJECT TO A PRIVATE STREET EASEMENT ALONG THE EAST SIDE.

TOWNSHIP 12 SOUTH, RANGE 25 EAST, BOISE MERIDIAN, CASSIA COUNTY, IDAHO.

SECTION 7: A PART OF GOVERNMENT LOT 3, MORE PARTICULARLY DESCRIBED AS FOLLOWS.

LAND CREEK HEIGHTS LOT 3

COMMENCING AT THE SOUTHWEST CORNER OF SECTION 7, MONUMENTED BY A 5/8" REBAR WITH A 3" CASSIA COUNTY ALUMINUM CAP; THENCE NORTH 00°43'13" EAST FOR 1317.78 FEET TO A 2" PIPE AT THE SOUTH WEST CORNER OF LOT 3, SECTION 7; THENCE NORTH 88°50'11" EAST ALONG THE SOUTH BOUNDARY OF LOT 3 FOR 25.01 FEET TO A POINT ON THE EAST COUNTY ROAD RIGHT-OF-WAY; THENCE CONTINUING ALONG THE SOUTH BOUNDARY OF GOVERNMENT LOT 3 NORTH 88°50'11" EAST FOR 500.28 FEET TO A POINT; THENCE NORTH 00°43'13" EAST FOR 228.15 FEET TO A 1/2" REBAR WHICH SHALL BE THE TRUE POINT OF BEGINNING.

THENCE CONTINUING NORTH 00°43'13" EAST FOR 178.12 FEET TO A 1/2" REBAR;
 THENCE NORTH 88°58'58" WEST FOR 280.21 FEET TO A 1/2" REBAR;
 THENCE SOUTH 00°43'13" WEST FOR 137.35 FEET TO A 1/2" REBAR ON THE NORTH SIDE OF CLEVELAND COURT CUL-DE-SAC;
 THENCE CONTINUING SOUTH 00°43'13" WEST FOR 50.00 FEET TO A 5/8" REBAR AT THE CENTER OF CLEVELAND COURT CUL-DE-SAC;
 THENCE SOUTH 80°22'51" EAST FOR 50.00 FEET TO A 1/2" REBAR ON THE EAST SIDE OF CLEVELAND COURT CUL-DE-SAC;
 THENCE CONTINUING SOUTH 80°22'51" EAST FOR 200.00 FEET TO THE TRUE POINT OF BEGINNING.
 LOT 3 CONTAINS 1.05 ACRES AND IS SUBJECT TO A PRIVATE CUL-DE-SAC EASEMENT ALONG THE SOUTHWEST SIDE.

TOWNSHIP 12 SOUTH, RANGE 25 EAST, BOISE MERIDIAN, CASSIA COUNTY, IDAHO.

SECTION 7: A PART OF GOVERNMENT LOT 3, MORE PARTICULARLY DESCRIBED AS FOLLOWS.

LAND CREEK HEIGHTS LOT 4

COMMENCING AT THE SOUTHWEST CORNER OF SECTION 7, MONUMENTED BY A 5/8" REBAR WITH A 3" CASSIA COUNTY ALUMINUM CAP; THENCE NORTH 00°43'13" EAST FOR 1317.78 FEET TO A 2" PIPE AT THE SOUTH WEST CORNER OF LOT 3, SECTION 7; THENCE CONTINUING NORTH 00°43'13" EAST ALONG THE SECTION LINE FOR 247.54 FEET TO A 1/2" REBAR WHICH SHALL BE THE TRUE POINT OF BEGINNING.

THENCE SOUTH 80°22'51" EAST FOR 50.00 FEET TO A POINT ON THE EAST SIDE OF THE COUNTY ROAD RIGHT-OF-WAY;
 THENCE CONTINUING SOUTH 80°22'51" EAST FOR 200.00 FEET TO A 1/2" REBAR ON THE WEST SIDE OF CLEVELAND COURT CUL-DE-SAC;
 THENCE CONTINUING SOUTH 80°22'51" EAST FOR 50.00 FEET TO A 5/8" REBAR AT THE CENTER OF CLEVELAND COURT CUL-DE-SAC;
 THENCE NORTH 00°43'13" EAST FOR 50.00 FEET TO A 1/2" REBAR ON THE NORTH SIDE OF CLEVELAND COURT CUL-DE-SAC;
 THENCE CONTINUING NORTH 00°43'13" EAST FOR 137.35 FEET TO A 1/2" REBAR;
 THENCE NORTH 88°58'58" WEST FOR 280.21 FEET TO A 1/2" REBAR ON THE EAST SIDE OF THE COUNTY ROAD RIGHT-OF-WAY;
 THENCE CONTINUING NORTH 88°58'58" WEST FOR 25.02 FEET TO A 5/8" REBAR ON THE WEST SECTION LINE;
 THENCE SOUTH 00°43'13" WEST FOR 197.51 FEET TO THE TRUE POINT OF BEGINNING.
 LOT 4 CONTAINS 1.21 ACRES AND IS SUBJECT TO COUNTY ROAD EASEMENT ALONG THE WEST SIDE AND A PRIVATE CUL-DE-SAC EASEMENT ALONG THE SOUTHWEST SIDE.

TOWNSHIP 12 SOUTH, RANGE 25 EAST, BOISE MERIDIAN, CASSIA COUNTY, IDAHO.

SECTION 7: A PART OF GOVERNMENT LOT 3, MORE PARTICULARLY DESCRIBED AS FOLLOWS.

LAND CREEK HEIGHTS LOT 5

COMMENCING AT THE SOUTHWEST CORNER OF SECTION 7, MONUMENTED BY A 5/8" REBAR WITH A 3" CASSIA COUNTY ALUMINUM CAP; THENCE NORTH 00°43'13" EAST FOR 1317.78 FEET TO A 2" PIPE AT THE SOUTH WEST CORNER OF LOT 3, SECTION 7 AND THE TRUE POINT OF BEGINNING.

THENCE NORTH 88°50'11" EAST ALONG THE SOUTH BOUNDARY OF LOT 3 FOR 25.01 FEET TO A POINT ON THE EAST COUNTY ROAD RIGHT-OF-WAY;
 THENCE CONTINUING ALONG THE SOUTH BOUNDARY OF LOT 3 NORTH 88°50'11" EAST FOR 250.14 FEET TO A 5/8" REBAR;
 THENCE NORTH 00°43'13" EAST FOR 237.38 FEET TO A 5/8" REBAR AT THE CENTER OF CLEVELAND COURT CUL-DE-SAC;
 THENCE NORTH 80°22'51" WEST FOR 50.00 FEET TO A 1/2" REBAR ON THE WEST SIDE OF CLEVELAND COURT CUL-DE-SAC;
 THENCE CONTINUING NORTH 80°22'51" WEST FOR 25.00 FEET TO A POINT ON THE EAST SIDE OF THE COUNTY ROAD RIGHT-OF-WAY;
 THENCE CONTINUING NORTH 80°22'51" WEST FOR 25.00 FEET TO A 1/2" REBAR ON THE WEST SECTION LINE;
 THENCE SOUTH 00°43'13" WEST ALONG THE WEST SECTION LINE FOR 247.54 FEET TO THE TRUE POINT OF BEGINNING.
 LOT 5 CONTAINS 1.53 ACRES AND IS SUBJECT TO COUNTY ROAD EASEMENT ALONG THE WEST SIDE AND A PRIVATE STREET EASEMENT ALONG THE SOUTH AND EAST SIDES.

TOWNSHIP 12 SOUTH, RANGE 25 EAST, BOISE MERIDIAN, CASSIA COUNTY, IDAHO.

SECTION 7: A PART OF GOVERNMENT LOT 3, MORE PARTICULARLY DESCRIBED AS FOLLOWS.

LAND CREEK HEIGHTS LOT 6

COMMENCING AT THE SOUTHWEST CORNER OF SECTION 7, MONUMENTED BY A 5/8" REBAR WITH A 3" CASSIA COUNTY ALUMINUM CAP; THENCE NORTH 00°43'13" EAST FOR 1317.78 FEET TO A 2" PIPE AT THE SOUTH WEST CORNER OF LOT 3, SECTION 7; THENCE NORTH 88°50'11" EAST ALONG THE SOUTH BOUNDARY OF LOT 3 FOR 25.01 FEET TO A POINT ON THE EAST COUNTY ROAD RIGHT-OF-WAY; THENCE CONTINUING ALONG THE SOUTH BOUNDARY OF LOT 3 NORTH 88°50'11" EAST FOR 500.28 FEET TO A POINT WHICH SHALL BE THE TRUE POINT OF BEGINNING.

THENCE NORTH 00°43'13" EAST FOR 500.03 FEET TO A 1/2" REBAR ON THE NORTH SIDE OF LAND CREEK DRIVE;
 THENCE NORTH 00°43'13" EAST FOR 178.12 FEET TO A 1/2" REBAR;
 THENCE NORTH 80°22'51" WEST FOR 200.00 FEET TO A 1/2" REBAR ON THE EAST SIDE OF CLEVELAND COURT CUL-DE-SAC;
 THENCE CONTINUING NORTH 80°22'51" WEST FOR 50.00 FEET TO A 5/8" REBAR AT THE CENTER OF CLEVELAND COURT CUL-DE-SAC;
 THENCE SOUTH 00°43'13" WEST ALONG THE CENTERLINE OF CLEVELAND COURT FOR 237.38 FEET TO A 5/8" REBAR ON THE SOUTH LINE OF GOVERNMENT LOT 3;
 THENCE NORTH 88°50'11" EAST ALONG THE SOUTH LINE OF GOVERNMENT LOT 3 FOR 250.14 FEET TO THE TRUE POINT OF BEGINNING.
 LOT 6 CONTAINS 1.34 ACRES AND IS SUBJECT TO PRIVATE ROAD EASEMENT ALONG THE SOUTH AND WEST SIDES.

	MOON & ASSOCIATES ENGINEERING & LAND SURVEYING	
	636 F. STREET RUPERT, IDAHO 83950 PHONE (208) 436-8714	
LAND CREEK HEIGHTS		
DRAWN BY: D.E. MOON	DATE: 31.JUL.95	
CHECKED BY: E.D. MOON	JOB NO.: 95005	
DRAWING: GREGG.DWG		
SHEET 2 OF 3 SHEETS		12252-7-3-4-0

LAND CREEK HEIGHTS SUBDIVISION

TOWNSHIP 12 SOUTH, RANGE 25 EAST, BOISE MERIDIAN,
CASSIA COUNTY, IDAHO.

SECTION 7: A PART OF GOVERNMENT LOT 3, MORE PARTICULARLY
DESCRIBED AS FOLLOWS.

LAND CREEK HEIGHTS LOT 7

COMMENCING AT THE SOUTHWEST CORNER OF SECTION 7, MONUMENTED BY A 5/8" REBAR WITH A 3" CASSIA COUNTY ALUMINUM CAP; THENCE NORTH 00°43'13" EAST FOR 1317.76 FEET TO A 2" PIPE AT THE SOUTH WEST CORNER OF LOT 3, SECTION 7; THENCE NORTH 88°50'11" EAST ALONG THE SOUTH BOUNDARY OF LOT 3 FOR 25.01 FEET TO A POINT ON THE EAST COUNTY ROAD RIGHT-OF-WAY; THENCE CONTINUING ALONG THE SOUTH BOUNDARY OF LOT 3 NORTH 88°50'11" EAST FOR 728.20 FEET TO A 5/8" REBAR ON THE CENTER LINE OF BREWERTON COURT WHICH SHALL BE THE TRUE POINT OF BEGINNING;

THENCE NORTH 08°50'11" EAST FOR 225.65 FEET ALONG THE CENTERLINE OF BREWERTON COURT TO A POINT;

THENCE SOUTH 90°00'00" WEST FOR 25.30 FEET TO A 1/2" REBAR ON THE WEST SIDE OF BREWERTON COURT;

THENCE CONTINUING SOUTH 90°00'00" WEST FOR 260.48 FEET TO A 1/2" REBAR;

THENCE SOUTH 00°43'13" WEST FOR 178.12 FEET TO A 1/2" REBAR ON THE NORTH SIDE OF LAND CREEK DRIVE;

THENCE SOUTH 00°43'13" WEST FOR 50.03 FEET TO A POINT ON THE SOUTH LINE OF LOT 3;

THENCE CONTINUING ALONG THE SOUTH BOUNDARY OF LOT 3 NORTH 88°50'11" EAST FOR 254.02 FEET TO THE TRUE POINT OF BEGINNING.

LOT 7 CONTAINS 1.40 ACRES AND IS SUBJECT TO PRIVATE ROAD EASEMENT ALONG THE SOUTH AND EAST SIDES.

TOWNSHIP 12 SOUTH, RANGE 25 EAST, BOISE MERIDIAN,
CASSIA COUNTY, IDAHO.

SECTION 7: A PART OF GOVERNMENT LOT 3, MORE PARTICULARLY
DESCRIBED AS FOLLOWS.

LAND CREEK HEIGHTS LOT 8

COMMENCING AT THE SOUTHWEST CORNER OF SECTION 7, MONUMENTED BY A 5/8" REBAR WITH A 3" CASSIA COUNTY ALUMINUM CAP; THENCE NORTH 00°43'13" EAST FOR 1317.76 FEET TO A 2" PIPE AT THE SOUTH WEST CORNER OF LOT 3, SECTION 7; THENCE NORTH 88°50'11" EAST ALONG THE SOUTH BOUNDARY OF LOT 3 FOR 25.01 FEET TO A POINT ON THE EAST COUNTY ROAD RIGHT-OF-WAY; THENCE CONTINUING ALONG THE SOUTH BOUNDARY OF LOT 3 NORTH 88°50'11" EAST FOR 1337.87 FEET TO A 5/8" REBAR AT THE SOUTHEAST CORNER OF LOT 3 WHICH SHALL BE THE TRUE POINT OF BEGINNING.

THENCE NORTH 00°35'31" EAST FOR 50.02 FEET ALONG THE EAST LINE OF LOT 3 TO A 1/2" REBAR ON THE NORTH LINE OF A WELL ACCESS EASEMENT;

THENCE CONTINUING NORTH 00°35'31" EAST FOR 197.19 FEET ALONG THE EAST LINE OF LOT 3 TO A 1/2" REBAR;

THENCE SOUTH 90°00'00" WEST FOR 221.44 FEET TO A 1/2" REBAR ON THE EAST LINE OF BREWERTON COURT;

THENCE CONTINUING SOUTH 90°00'00" WEST FOR 20.30 FEET TO A POINT ON THE CENTERLINE OF BREWERTON COURT;

THENCE SOUTH 08°50'11" WEST FOR 256.01 FEET ALONG THE CENTERLINE OF BREWERTON COURT TO A 5/8" REBAR ON THE SOUTH LINE OF LOT 3;

THENCE NORTH 88°50'11" EAST FOR 283.57 FEET TO THE TRUE POINT OF BEGINNING.

LOT 8 CONTAINS 1.52 ACRES AND IS SUBJECT TO PRIVATE ROAD EASEMENT ALONG THE WEST SIDE, A WELL ACCESS EASEMENT ALONG THE SOUTH SIDE AND A WELL LOT EASEMENT NEAR THE SOUTHEAST CORNER.

TOWNSHIP 12 SOUTH, RANGE 25 EAST, BOISE MERIDIAN,
CASSIA COUNTY, IDAHO.

SECTION 7: A PART OF GOVERNMENT LOT 3, MORE PARTICULARLY
DESCRIBED AS FOLLOWS.

LAND CREEK HEIGHTS WELL LOT AND ACCESS EASEMENT

COMMENCING AT THE SOUTHWEST CORNER OF SECTION 7, MONUMENTED BY A 5/8" REBAR WITH A 3" CASSIA COUNTY ALUMINUM CAP; THENCE NORTH 00°43'13" EAST FOR 1317.76 FEET TO A 2" PIPE AT THE SOUTH WEST CORNER OF LOT 3, SECTION 7; THENCE NORTH 88°50'11" EAST ALONG THE SOUTH BOUNDARY OF LOT 3 FOR 25.01 FEET TO A POINT ON THE EAST COUNTY ROAD RIGHT-OF-WAY; THENCE CONTINUING ALONG THE SOUTH BOUNDARY OF LOT 3 NORTH 88°50'11" EAST FOR 778.99 FEET TO A POINT WHICH SHALL BE THE TRUE POINT OF BEGINNING.

THENCE CONTINUING ALONG THE SOUTH BOUNDARY OF LOT 3 NORTH 88°50'11" EAST FOR 258.18 FEET TO A 5/8" REBAR AT THE SOUTH EAST CORNER OF GOVERNMENT LOT 3;

THENCE NORTH 00°35'31" EAST FOR 50.02 FEET ALONG THE EAST LINE OF LOT 3 TO A 1/2" REBAR ON THE NORTH LINE OF A WELL ACCESS EASEMENT;

THENCE CONTINUING NORTH 00°35'31" EAST FOR 50.02 FEET ALONG THE EAST LINE OF LOT 3 TO A POINT;

THENCE SOUTH 90°00'00" WEST FOR 1.00 FOOT TO A 1/2" REBAR;

THENCE SOUTH 90°00'00" WEST FOR 49.02 FEET TO A 1/2" REBAR;

THENCE SOUTH 00°43'13" WEST FOR 80.02 FEET TO A 1/2" REBAR ON THE NORTH SIDE OF THE WELL ACCESS EASEMENT;

THENCE SOUTH 88°50'11" WEST FOR 200.88 FEET TO A 1/2" REBAR ON THE EAST SIDE OF BREWERTON COURT;

THENCE SOUTH 08°50'11" WEST FOR 50.77 FEET TO THE TRUE POINT OF BEGINNING.

TOWNSHIP 12 SOUTH, RANGE 25 EAST, BOISE MERIDIAN,
CASSIA COUNTY, IDAHO.

SECTION 7: A PART OF GOVERNMENT LOT 3, MORE PARTICULARLY
DESCRIBED AS FOLLOWS.

LAND CREEK HEIGHTS LOT 9

COMMENCING AT THE SOUTHWEST CORNER OF SECTION 7, MONUMENTED BY A 5/8" REBAR WITH A 3" CASSIA COUNTY ALUMINUM CAP; THENCE NORTH 00°43'13" EAST FOR 1317.76 FEET TO A 2" PIPE AT THE SOUTHWEST CORNER OF LOT 3, SECTION 7; THENCE NORTH 88°50'11" EAST ALONG THE SOUTH BOUNDARY OF LOT 3 FOR 25.01 FEET TO A POINT ON THE EAST COUNTY ROAD RIGHT-OF-WAY; THENCE CONTINUING ALONG THE SOUTH BOUNDARY OF LOT 3 NORTH 88°50'11" EAST FOR 1337.87 FEET TO A 5/8" REBAR AT THE SOUTHEAST CORNER OF LOT 3 WHICH SHALL BE THE TRUE POINT OF BEGINNING.

THENCE CONTINUING NORTH 00°35'31" EAST FOR 211.60 FEET ALONG THE EAST LINE OF LOT 3 TO A 1/2" REBAR;

THENCE NORTH 88°24'29" WEST FOR 171.58 FEET TO A 1/2" REBAR ON THE EAST SIDE OF BREWERTON COURT CUL-DE-SAC;


THENCE CONTINUING NORTH 88°24'29" WEST FOR 44.11 FEET TO A POINT ON THE CENTERLINE OF BREWERTON COURT;

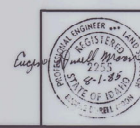
THENCE SOUTH 08°50'11" WEST FOR 216.48 FEET ALONG THE CENTERLINE OF BREWERTON COURT TO A POINT;

THENCE NORTH 88°50'11" EAST FOR 25.30 FEET TO A 1/2" REBAR ON THE EAST SIDE OF BREWERTON COURT;

THENCE CONTINUING SOUTH 90°00'00" WEST FOR 221.44 FEET TO THE TRUE POINT OF BEGINNING.

LOT 9 CONTAINS 1.13 ACRES AND IS SUBJECT TO PRIVATE ROAD AND CUL-DE-SAC EASEMENT ALONG THE WEST SIDE.

	MOON & ASSOCIATES ENGINEERING & LAND SURVEYING	
	525 F. STREET RUPERT, IDAHO 83860 PHONE (208) 486-8714	
LAND CREEK HEIGHTS		
DRAWN BY:	D.E. MOON	DATE: 31.AUG.95
CHECKED BY:	E.D. MOON	JOB NO.: 95005
DRAWING:	GREGG LUNG	
SHEET 3 OF 3 SHEETS		12222-7-3-4-0



SECTION 3



Idaho Water Engineering
Water Solutions

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Ground Water Assessment for the Cottonwood Acres, A Single-Family Subdivision, Cassia County

**Idaho Water Engineering, LLC
Boise, Idaho**

Flint Hall, Idaho Professional Geologist #1331

Author

Kenneth Neely, Hydrogeologist

Reviewer



March 09, 2025

This report provides a Ground Water Quality and Ground Water Quantity assessment as a required condition for a Standard Subdivision Application, submitted to Cassia County Zoning and Building Department, Cassia County. The proposed subdivision is named Cottonwood Acres. This investigation concludes that new domestic wells completed within each lot of the proposed subdivision should provide sufficient water supply, meeting the stated minimums for quantity and flow, and that water will likely be of sufficient water quality sufficient for domestic uses. This investigation also finds that the addition of wells for the 24 lots proposed will have an impact on local aquifer levels, but that impact will be moderated by non-consumptive water use due to infiltration from onsite wastewater disposal (i.e. individual septic) and by infiltration due to surface water supplied for irrigation. These factors add uncertainty to calculations to identify potential impacts of groundwater pumping on the nearest surface water - Land Creek, about 1000 feet from the center of the proposed subdivision.

Background

The property, (Figure 1) parcel RP12S25E07000, consisting of approximately 37.39 acres located in a part of the northeast quarter of Section 7, Township 12 South, Range 25 East, Boise Meridian, Cassia County Idaho. The owner of record is T&H Property Holdings, LLC, Po Box 96, Albion, Id, Usa 83311. The supporting Engineer/surveyor is Brandon Landrum, P.E., P.L.S., Landrum and Associates, Inc., 525 F. Street, Rupert, ID 83350. The current zoning is for Multiple Use with a minimum lot size of 1.00 acre. The parcel will be subdivided into no more than 24 individual parcels with lot sizes 1.00 acres or greater. The parcel to be subdivided is outside the City of Albion designated area of impact, and beyond any planned expansion of public water or wastewater service. A Water Facilities planning study for the City of Albion completed in 2022 (Keller and Associates, 2022), included an area adjacent to the Cottonwood Acres subdivision, but did not include the proposed Cottonwood Acres subdivision. The existing distribution system for City of Albion extends no closer than about ¼ mile to the proposed subdivision, and the Water Planning study did not consider an option that would expand to the footprint of the proposed Cottonwood Acres footprint.

Proposed Water Use

The proposed water use consists of domestic use for 24 future homes, with each being on a one – three-acre lot. Each lot is to have a new domestic well and a septic system; currently, lot #8 includes a domestic well (well no 395468), completed 1982. All lots will be provided surface water for irrigation from a pressurized distribution system by Marsh Creek Irrigation District, 45F.

Cassia County establishes a minimum quantity of one thousand five hundred (1,500) gallons per day (gpd) with a minimum flow of five (5) gallons per minute (gpm) for four (4) hours. This would result in a cumulative minimum demand of 36,000 gpd, and minimum flow rate of 120 gpm flow for 4 hrs, corresponding to 0.11 acre-ft/day and 0.0557 cubic feet per second for the completed subdivision. This water will be primary for domestic use, as a pressurized irrigation system drawing from surface water will be made available for landscape watering. With the groundwater supply being predominantly for domestic use and the lots being served by onsite waste disposal, this groundwater use will be primarily non-consumptive, with the majority of water pumped likely being returned as infiltration from individual drainfields.

Hydrogeology in the Cottonwood Acres Subdivision Area

The Albion basin is a structural basin located between the Basin and Range-formed Malta and Albion ranges and is isolated from the Eastern Snake River Plain. Sediments within the basin are dominated by glacial and alluvial fill derived from the surrounding Malta and Albion ranges, with sands and gravels and intermixed clay lenses related to a periodic damming of the Marsh Creek. Basin sediments are more than 700 ft (Myers, 1967). Source Water Assessment modeling for the city of Albion identifies a sandy- sandstone aquifer production zone, 45 to 710 ft below ground surface (bgs) for public water supply wells with estimated hydraulic conductivity based on domestic well specific capacity tests ranging from 4 to 92 feet per day with an average of 48 feet per day (IDEQ, 2003, City of Albion, PWS 5160001, Source Water Assessment Final Report).

Ground water flows generally to the north and east towards Marsh Creek Canyon, north of the town of Albion. In general terms, shallower groundwater reflects unconfined conditions with deeper groundwater reflecting confined and artesian conditions. Variation in surface water flow above Albion tends to not be directly related to shallow aquifer levels.

Well Attributes

The Idaho Department of Water Resources (IDWR) on-line database is a source for well reports submitted to IDWR by well drillers after the completion of the drilling of each well. Figure 2 shows the 31 wells that are closest to the proposed Cottonwood Acres Subdivision. Table 1 lists the key attributes for each of the 31 wells based on information on the well reports. The well reports for these wells are in Appendix B. Twenty-six of the 31 wells were drilled for domestic use and 5 were drilled for irrigation. The average depth for 31 wells is 153 feet (ft), while the average depth for the domestic wells is 123 ft, with a range of 77 to 180 ft for domestic wells and 77 to 375 ft overall. The average static water level depth is 30 ft bgs, with a range of 4 to 65 ft. The average discharge is 21 gallons per minute (gpm), with a range 15 of 30 gpm.

Geological Description

The lithology in the area of the Cottonwood Acres subdivision is characterized by sequences of sand and gravel, sand and gravel with clay to more dominantly, with deeper sand and gravels. Deeper wells will encounter alternating clay-dominated to sand and gravel dominated zones. Shallower sand and gravels tend to 20 – 40 ft bgs, clays ~40 – 70 or 80 ft bgs, with sands and gravels beneath that to about 130-160 ft bgs with alternating deeper clays and sands and gravel in lens about 40 – 60 ft thickness. The depths that these productive zones are encountered varies, with some wells suggesting limited and local confined conditions; this confirmed with the observed static water levels. Domestic wells reviewed tend to be completed to produce from the sand and gravel or sandy zones, at depths from about 40 - 70 ft bgs, or depths greater than 100 ft. Observations can be generalized to say that there is a shallower, unconfined aquifer consisting of unconsolidated sediments, and a deeper, confined to partially aquifer in consolidated sandstones (Keller and Associates, 2022).

GroundWater Levels

Water levels reported with the well drilling records reflect conditions at the time of well completion (1964 – 2022) with no records of follow-up measurements. Well 12S 25E 06DCC1, located within a quarter mile of the study area, has been monitored for ground water levels by the IDWR from 1987 through

October 28, 2024 (Figure 3). Water levels for this well over the period of record have shown seasonal fluctuations from as much as 40 ft to as little as about 2 ft from spring to fall measurements each year. While the record from about 2009 to the current time has shown less extreme seasonal fluctuations than earlier periods, there is no clear indication of overall increasing or decreasing depths to groundwater over the period of record, suggesting water level fluctuations are more likely driven by annual variation in available precipitation for recharge. Figure 5 presents locations for available monitoring wells with recorded depths to groundwater and water quality monitoring information.

Groundwater Quality

Groundwater quality information for the study area is available from a domestic well monitored regularly as part of the IDWR Statewide Water Ground Water Quality Monitoring Program. Well 12S 24E 12CBD1 located approximately 1.25 miles west of the study area. The most recent water quality monitoring data available is from 08/10/2022. For this sampling all analytes included reported values less than any regulatory standards or levels of concern. Results for this most recent sampling are presented in Appendix B, Table B1.

Figure 5 presents the most recent monitoring results compiled by Idaho Department of Environmental Quality (IDEQ). Results for nitrate are utilized as an indicator of overall groundwater quality and anthropogenic impact. The most recent results for nitrate or total nitrate as N compiled by IDEQ as part of their periodic nitrate priority analysis are presented in Figure 5. This most recent analysis published includes results throughout 2020 (Table 2). Concentrations over this period range from 0.659 mg/L (7/12/2016) from a city of Albion public water supply source to 7.48 mg/l (5/23/2002) for a site sampled by Idaho State Department of Agriculture. The median nitrate value from this dataset is 1.53 mg/L, approximately 15% of the allowed Maximum Contaminant Level (MCL) of 10 milligrams per liter (mg/L) as set by EPA for drinking water. Trends for concentrations of nitrate in groundwater For IDWR groundwater monitoring site 12S 24E 12CBD1 are presented in Figure 4. Nitrates over the period 2002 through 2022 for this monitoring site suggest a trend of decreasing concentrations.

Based on the historic data and the recent test results, the ground water is generally of good water quality, and the addition of wells for this subdivision, including consideration for impacts related to individual septic systems for onsite waste disposal should not have negative impacts on groundwater quality. This assumption is supported by the observation that most wells are completed from 40-70 ft bgs or deeper, and with confined to likely semiconfined conditions, as evidenced by static water levels significantly higher than the typical completion depth. It is recommended that new wells for this subdivision should be completed below the clay that may be present to 30+ ft bgs.

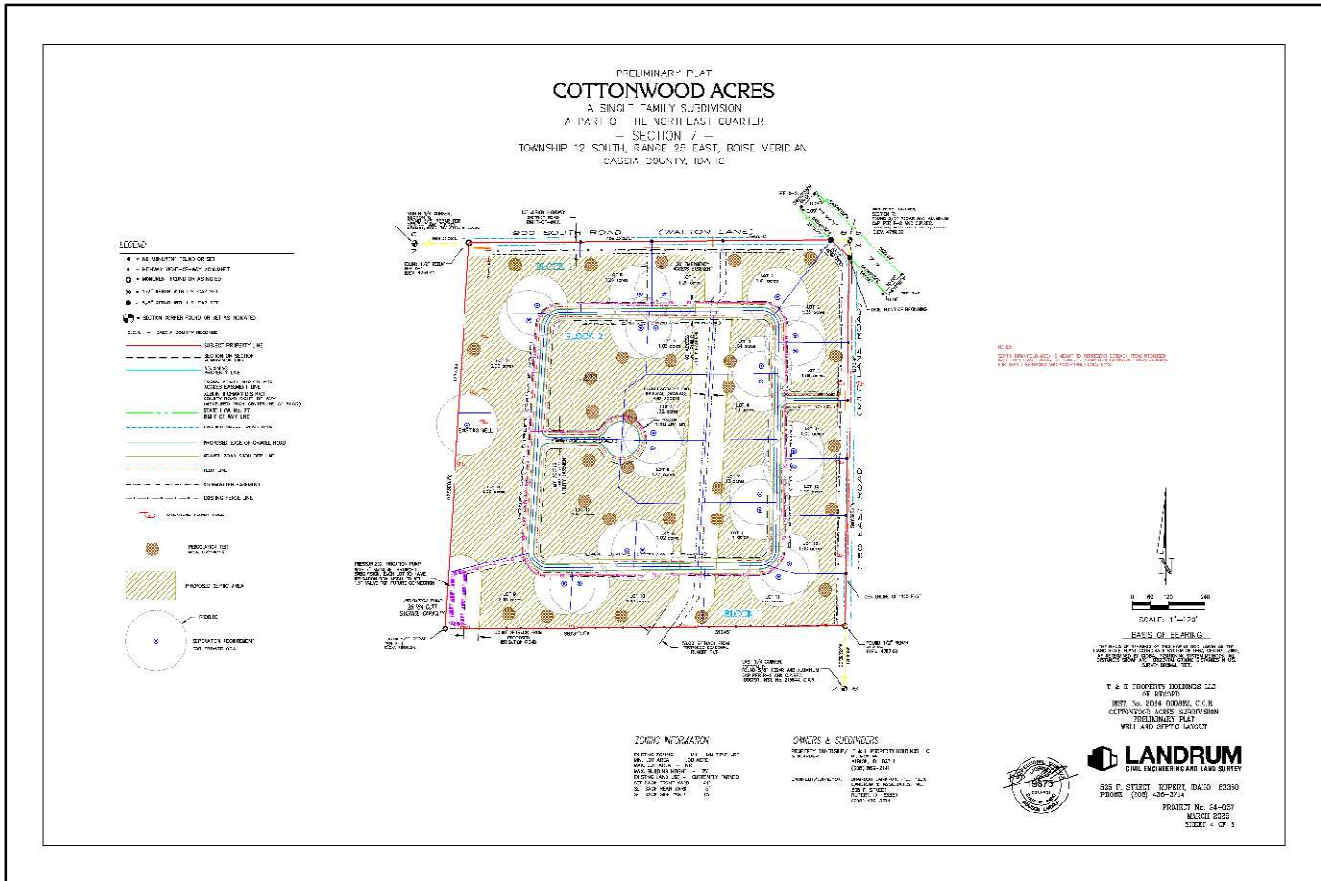
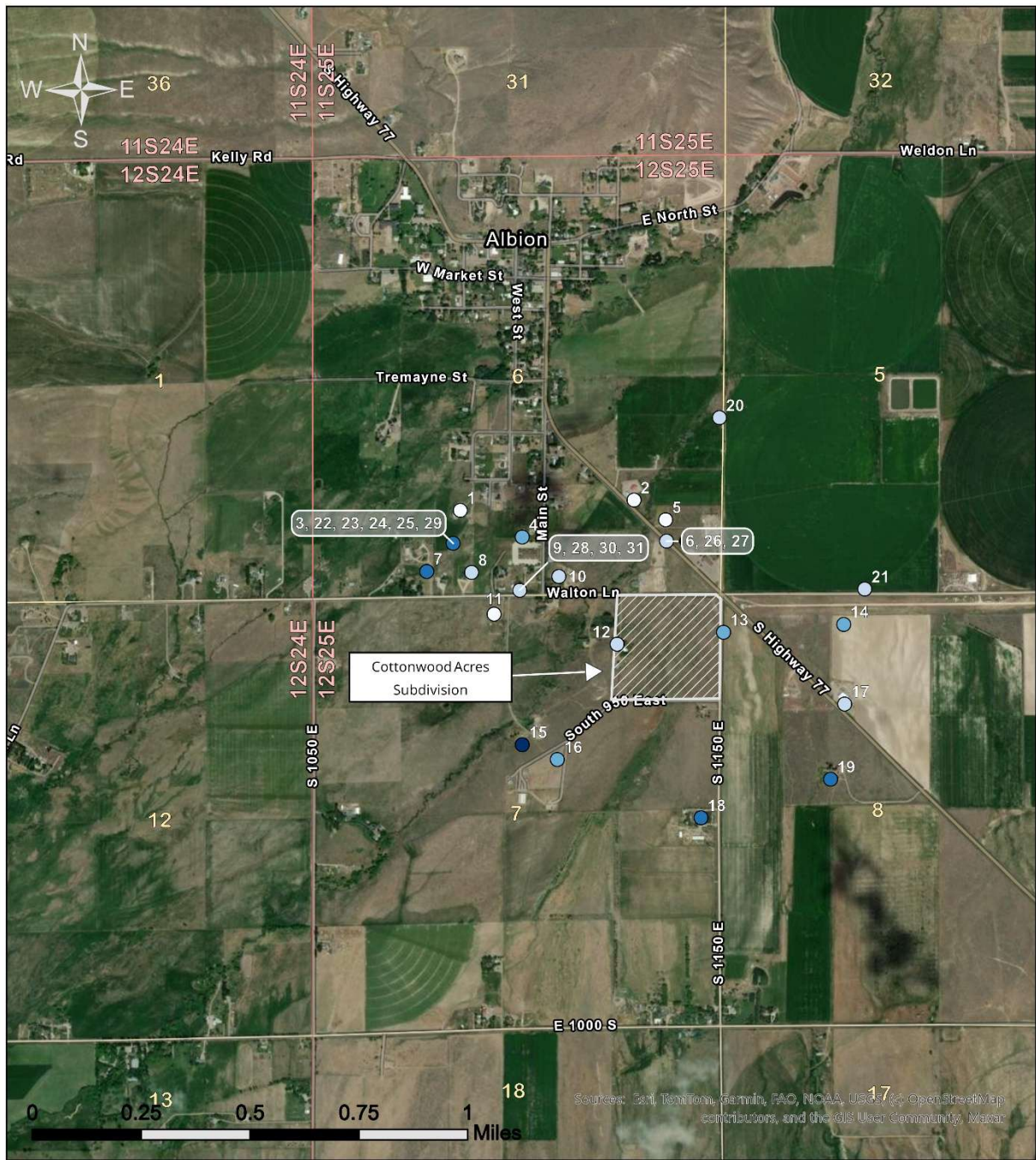


Figure 1. Plat map for the Cottonwood Acres Subdivision, Cassia County, Idaho



	<p>Legend</p> <p>Examination Wells</p> <p>Static Water Level</p> <ul style="list-style-type: none"> ○ 0 - 15 ft ○ 15 - 30 ft ○ 30 - 45 ft ○ 45 - 60 ft ○ >60 ft <p> Proposed Subdivision PLSS Townships PLSS Sections </p>	<p>Cottonwood Acres Subdivision Cassia County, Idaho 3/8/2025</p> <p>Created by David Sonneman, IWE GIS Analyst Reviewed by Flint Hall, IWE Hydrogeologist</p>	
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Figure 2. Base map showing the Cottonwood Acres Subdivision and 31 wells within at least 1/2 miles.

Table 1. Attributes for the 31 wells closest to the Cottonwood Acres Subdivision. Wells are shown in Figure 1, and Well Reports are listed in Appendix A.

Index	Owner	Construction Date Tag ID/Well Number	Water Use	Address	Twp	Rng	Sec	Tract	Total Depth (feet)	Discharge (GPM)	Static Water Level (feet below land surface)
1	BOBA JOHNSON	2006-07-24	Domestic	1/2 MILE SOUTH AND 3/8 WEST	12S	25E	6	SESW	105	15	10
		D0043010/411144									
2	ALBION COUNTRY STORE LLC	2004-06-02	Domestic	833 S Hwy 77	12S	25E	6	SESE	159		12
		D0034007/386597									
3	MERREL CUNHA	1971-10-18	Domestic		12S	25E	6	SESW	140		47
		/368965									
4	STEVEN BARKER	2006-07-17	Domestic	7/8 OF A MILE SOUTH OF ALBION	12S	25E	6	SWSE	100	20	40
		D0043009/411045									
5	GARY ERICKSON	2011-02-22	Domestic	3/8 miles se Albion hwy 77	12S	25E	6	SESE	100	15	8
		D0043009/411045									
6	ROGER JENKINS	2002-03-16	Domestic	1140 EAST 900 SOUTH	12S	25E	6	SESE	147	18	26
		D0016950/345977									
7	K C RAMSEY	2004-08-18	Domestic	1080 E 900 S	12S	25E	6	SESW	125	20	55
		D0034278/393703									
8	SHANE RAMSEY	2016-05-23	Domestic	1066 E 900 S	12S	25E	6	SESW	140	25	20
		D0070606/444345									
9	TOM ASHER	1977-10-28	Irrigation		12S	25E	6	SWSE	357		20
		/402013									
10	STEVE TURNIPSEED CONSTRUCTION	2019-08-16	Domestic	1104 E 900 S	12S	25E	6	SWSE	100		30
		D0080986/455841									
11	CATHY WILLIS	2016-08-09	Domestic	900 S 1093 E	12S	25E	7	NENW	103	15	14
		D0072442/445349									

Index	Owner	Construction Date Tag ID/Well Number	Water Use	Address	Twp	Rng	Sec	Tract	Total Depth (feet)	Discharge (GPM)	Static Water Level (feet below land surface)
12	WAYMON YARBROUGH	1982-10-25	Domestic		12S	25E	7	NENE	92	15	30
		/395468									
13	RAPID ROPE LLC	2023-04-26	Domestic	906 S HWY 77	12S	25E	8	NWNW	124		45
		D0100402/473734									
14	JED HUTCHISON	2022-08-26	Domestic	933 S HWY 77	12S	25E	8	NENW	124		40
		D0093126/471070									
15	DAVE PERRY	2009-05-12	Domestic	1093 E 900 S	12S	25E	7	SWNE	180		65
		D0050670/425046									
16	JAMES L PARTON	1991-08-27	Domestic		12S	25E	7	SWNE	0	30	33
		-- /311740									
17	RICH REDMAN	2008-09-03	Domestic	930 S HWY 77	12S	25E	8	SESW	80	30+	22
		D0050357/422857									
18	BRANDON BRACKENBURY	2002-08-23	Domestic	APPR 950 S 1150 E	12S	25E	7	SESE	180	20+	58
		D0023294/355288									
19	CHRISTOPHER J KING	2000-09-25	Domestic	7/10 MILE SE OF MARSH CREEK EVENT CENTER HWY 77	12S	25E	8	SESW	173		47
		D0016141/338831									
20	LAZY R7 FARMS INC - Leroy Robinson	2016-05-10	Irrigation	883 S HWY 77	12S	25E	6	SESE	370		18
		D0070593/443311									
21	LAZY R7 FARMS INC	2007-11-12	Irrigation	1225 E WALTON LN	12S	25E	5	SWSE	330	100	25
		D0044518/417455									
22	ROBERT H ADAMS	1965-04-22	Domestic		12S	25E	6	SWSE	77	*	4
		-- /368945									
23	KJEL NEILSON	1999-06-09	Domestic	1075 EAST 900 SOUTH	12S	25E	6	NENW	0	25	40
		D0008197/310908									
24	DEE YEAMAN	1987-06-12	Domestic		12S	25E	6	SESW	125	25+	20
		-- /354130									

Index	Owner	Construction Date Tag ID/Well Number	Water Use	Address	Twp	Rng	Sec	Tract	Total Depth (feet)	Discharge (GPM)	Static Water Level (feet below land surface)
25	VESTAL YEAMAN	1969-02-14	Domestic		12S	25E	6	SWSE	143	25	23
		-- /368961									
26	VON CUNNINGHAM	1994-12-26	Domestic		12S	25E	6	NENW	0	25	27
		-- /312113									
27	JOHN ERICKSON	1998-03-14	Domestic	EAST ALBION HWY 77	12S	25E	6	SESE	0		14
		D0002380/310816									
28	AUGUST HEISEL	1964-10-09	Domestic		12S	25E	6	NENE	105		27
		-- /384447									
29	JAY L NIELSEN	1988-04-07	Irrigation		12S	25E	6	NWNW	0		33
		-- /312266									
30	RONNIE D CAHOON	2000-07-27	Domestic	TWO LOTS SOUTH OF LDS CHURCH	12S	25E	6	SWNE	100	20	45
		D0008948/337624									
31	VESTAL YEAMAN	1979-11-25	Irrigation		12S	25E	6	SESW	100		20
		-- /391773									

*The well capacity test conducted for this well, completed in 1965, indicated that 1000 gallons were pumped from the well in 8 hrs with a 16 ft drawdown utilizing a ½ horsepower pump and a calculated rate of 2 gallons per minute. It's unclear if this represents the well capacity or the capacity of the pump.

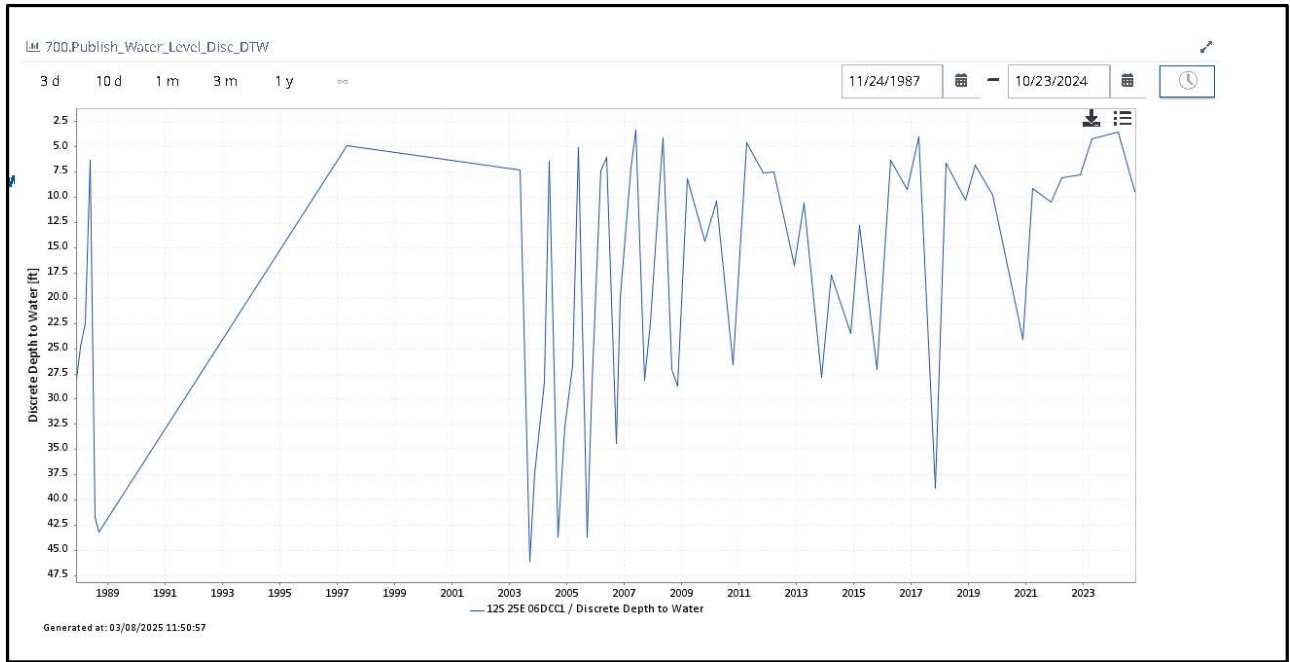


Figure 3. Hydrograph for Well 12S 25E 06DCC1, which has been monitored for ground water levels by the Idaho Department of Water Resources from 1987 through October 28, 2024.

Table 2. Nitrate monitoring results utilized in the most recent IDEQ NPA analysis from the vicinity of the Cottonwood Acres Subdivision.

SITEID	SAMPLE_DATE	N03 MGL	AGENCY
3001801	August-10-2004	1.8	ISDA
422345113361301 (12S 24E 12CBD1)	October-3-2012	1.1	IDWR
A0004422	July-12-2016	0.659	DEQ-SDWIS
D0034007	October-24-2016	1.41	DEQ-SDWIS
DY16310442	May-23-2002	7.840	ISDA-Dairy
E0007566	June-9-2016	1.65	DEQ-SDWIS
E0007567	June-9-2016	0.85	DEQ-SDWIS
E0007568	August-13-2008	2.09	DEQ-SDWIS

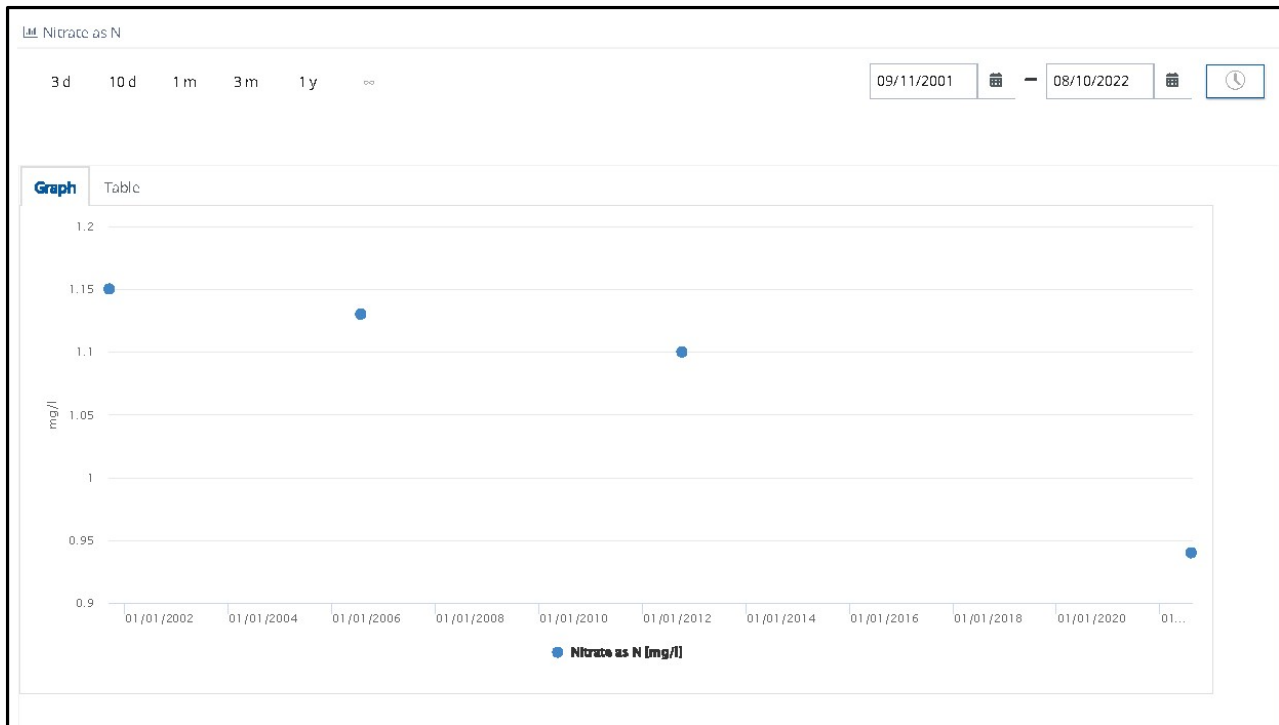


Figure 4. Trend for total nitrate as N, IDWR well 12S 24E 12CBD1, which has been monitored for ground water levels by the Idaho Department of Water Resources from 1987 through October 28, 2024

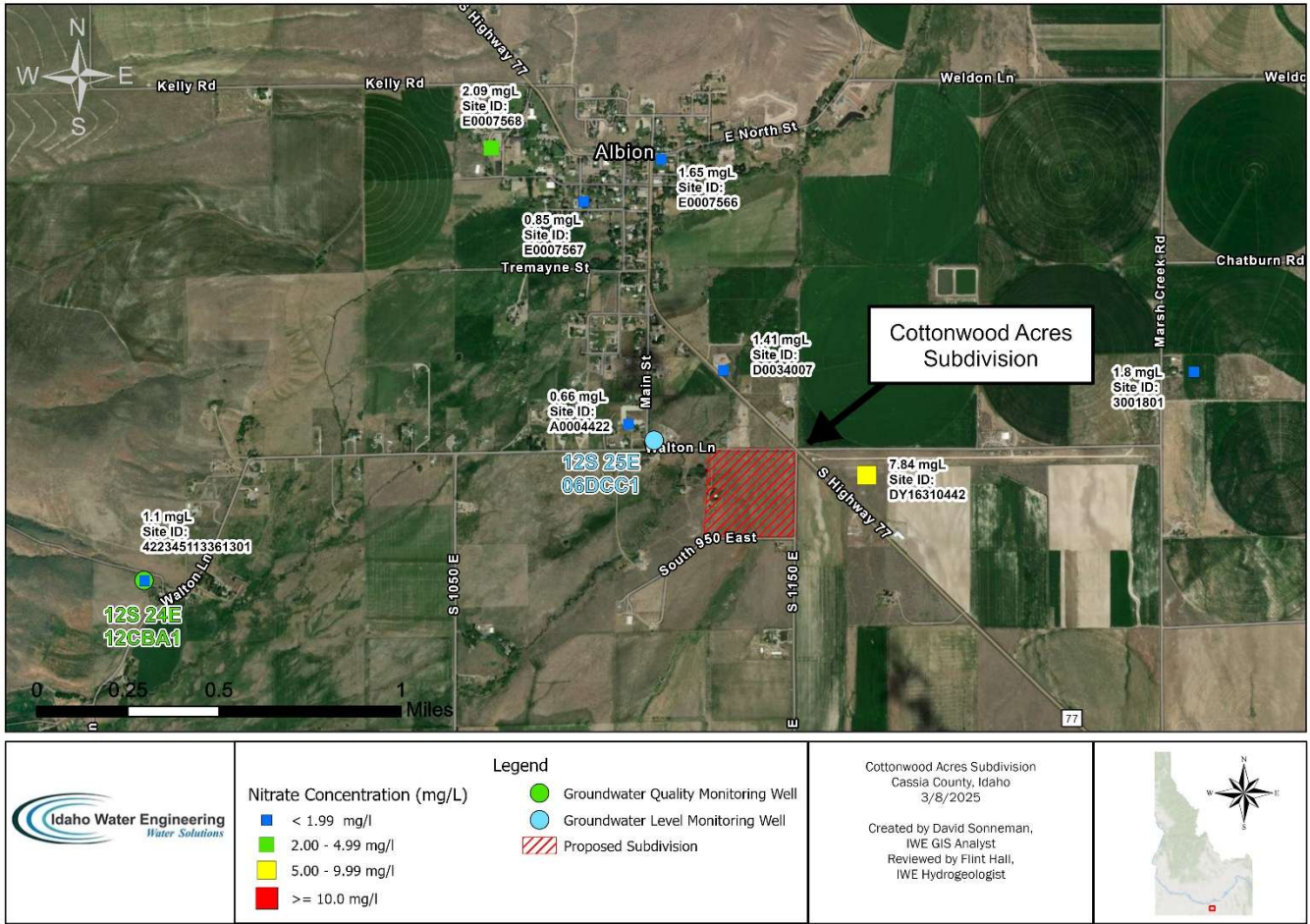


Figure 5. IDWR water level (12S 25E 06DCC1) and water quality monitoring wells (12S 24E 12CBD1), with nitrate concentrations for wells include with the most recent IDEQ Nitrate Priority Area analysis (results through 2020).

Potential for new wells to meet minimum flow requirements

Cassia County sets a minimum required production of 5 gpm for four hours per residence. The average discharge for wells within ½ mile of the proposed subdivision significantly exceeds that minimum at 21 gpm. Wells nearest the proposed subdivision return yields from 15-30 gpm, with similar production levels primarily below ~90 ft bgs with production zones from 2 to about 90 ft, but most approximately 10-20 ft. New wells are expected to encounter similar production levels and yields.

The potential for pumping from new wells at this subdivision to impact groundwater levels for surrounding wells can be assessed by reviewing the expected domestic use diversion rate for the number of lots (0.22 cfs – 24 lots <https://idwr.idaho.gov/water-rights/water-use-information/>) with estimates of aquifer properties used to calculate estimated aquifer drawdown at a given distance (https://waterrights.utah.gov/wellinfo/theis/theis_input.asp). For this assessment, the combined demand for all lots was assumed applied at the center of the subdivision – approximately 820 ft from any boundary. Values for Transmissivity (T) based on the estimate K value from the IDEQ City of Albion Source Water Assessment modeling, as it was based on specific yield measurements for nearby domestic wells (48 ft per day) and an estimate for aquifer thickness based on review of well completion and observed well records (20 ft) yielding an estimate for T of 960 ft²/day. For comparison, estimates of T (582 and 674 ft²/day) from the City of Albion Water Facilities Planning Study (Keller and Associates, 2022). A storativity value reflecting a semi-confined aquifer (0.001) was used. As surface water will be provided for landscape irrigation, this assessment assumes an estimate of 20% consumptive use, meaning at 80% of pumping will be returned as infiltration from septic drainfields, resulting in a discharge rate = 0.044 cfs, or 19.75 gpm.

Plots of aquifer drawdown at the subdivision boundary are presented in Figure 6. Estimated drawdown after 1 year ranged from 2.9 – 4.6 ft. this is within the observed seasonal variability for the IDWR water level observation well 12S 25E 06DCC1. Factors such as greater production zones resulting in higher T values, and Storativity reflecting more unconfined conditions would yield lower impacts, while more confined conditions and lower conductivity values reflecting a higher fines content would yield greater drawdown and impacts. An additional factor is that use of surface water for irrigation would result in infiltration and recharge that may be in excess of the domestic consumptive use.

Stream depletion by nearby groundwater pumping can be estimated by solving for the rate of stream depletion over time as a function of groundwater pumped (IWRRI, 2011). This proportional depletion was calculated using transmissivity and storativity values from the estimate of drawdown, at an estimated distance of 1000 ft from the representative pumping well to Land Creek. Proportional depletion over time (Figure 7) suggests that pumping may draw a significant proportion of pumping from Land Creek. However, the calculations assume that the creek is in direct communication with the aquifer; i.e. the creek is not perched above the aquifer. Wells nearest to Land Creek show water levels ranging from 65 ft bgs to 8 ft bgs, indicating that the creek is likely perched with some exceptions and thus pumping may not impact stream flow in a constant manner along its course. This conclusion is supported by observations referenced in both Myers (1967) and in the City of Albion source water assessment (IDEQ, 2003). Thus, we conclude that there is insufficient information to assess the impact of pumping for Cottonwood Acres on Land Creek.

Conclusions

This investigation concludes that new domestic wells completed within each lot of the proposed subdivision (24 lots total) should provide a sufficient water supply, meeting the stated minimums for quantity and flow, and that water will likely be of sufficient water quality sufficient for domestic uses. This investigation also finds that the addition of wells for the 24 lots proposed will have an impact on local aquifer levels, but that impact will be moderated by non-consumptive water use due to infiltration from onsite wastewater disposal and by infiltration due to surface water supplied for irrigation. Land Creek is likely perched and not in hydraulic connection with the aquifers and thus will most likely not be impacted by well pumping.

WELL DRAW DOWN THEIS ANALYSIS

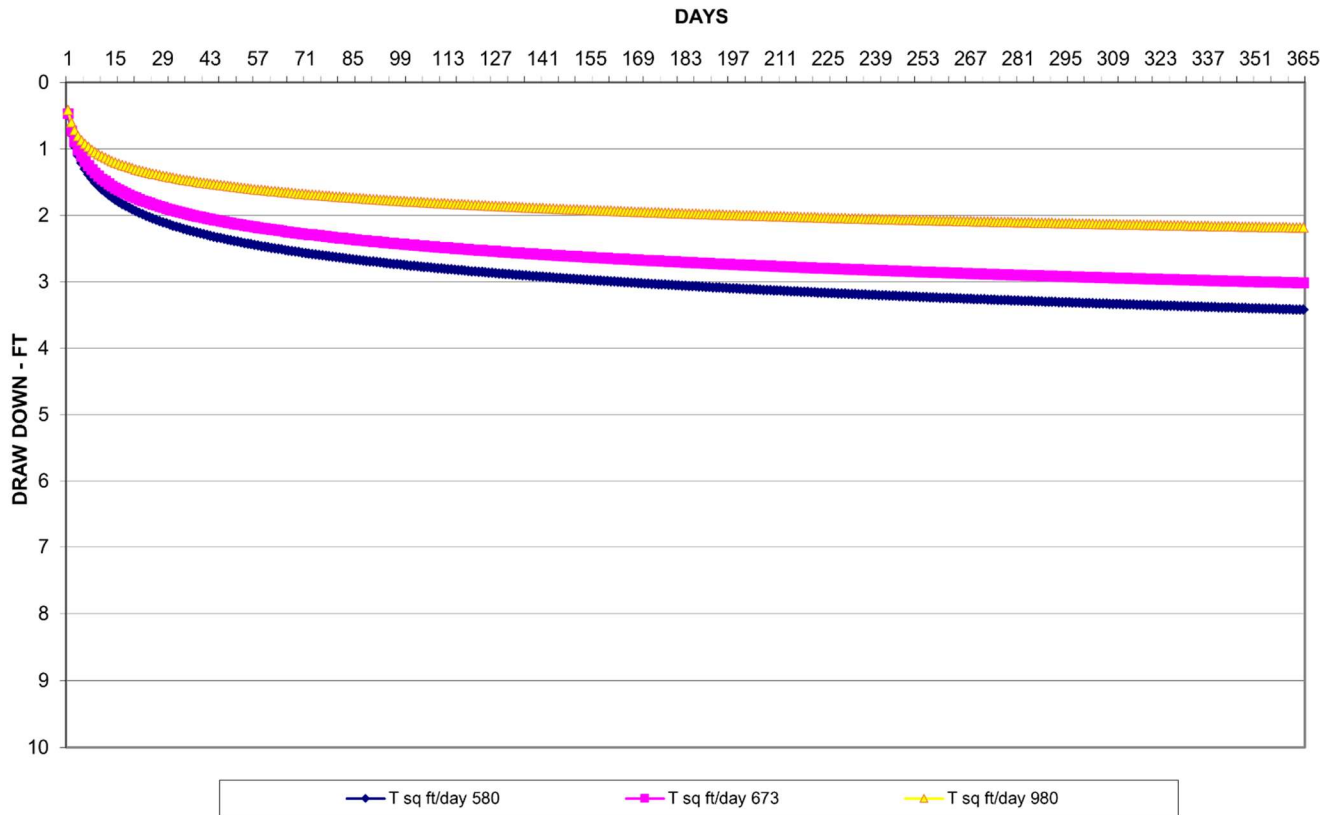


Figure 6. Estimate of impact from domestic well pumping, Cottonwood Acres Subdivision. Drawdown curves represent collective impacts from pumping, given a range of representative T values and S reflecting semiconfined aquifer conditions at the edge of the proposed subdivision.

References

- Contor, Bryce A. "Adaptation of the Glover/Balmer/Jenkins Analytical Stream-Depletion Methods for No-flow and Recharge Boundaries." *Idaho Water Resources Research Institute Technical Completion Report 201101* (2011).
- Idaho Department Of Environmental Quality, 2003, City Of Albion (PWS 5160001) Source Water Assessment Final Report, March 26, 2003.
- Keller and Associates, 2022, City of Albion, Idaho Water Facilities Planning Study, April 2022, KA Project NO. 220145.
- Myers, D. A., 1967, "The Geology and Hydrogeology of the Albion Basin, Cassia County, Idaho. M. S. Thesis, University of Idaho and Open File Report of Idaho Bureau of Mines and Geology.

Appendix A. Well driller reports for the wells Included in Table 1 and Figure 2.

Form 238-7
6/02

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

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

1. WELL TAG NO. D 0043010
DRILLING PERMIT NO. _____
Water Right or Injection Well-No. _____

2. OWNER:
Name Bob JOHNSON
Address 228E 300N
City Ryegate State ID Zip 83350

3. LOCATION OF WELL by legal description:
You must provide address or Lot, Blk, Sub. or Directions to well.
Twp. 12 North or South
Rge. 25 East or West
Sec. 6 1/4 SE 1/4 SW 1/4
Gov't Lot _____
County CASSIA
Lat: _____ Long: _____
Address of Well Site 1/2 318W City ALBION
Lt. _____ Blk. _____ Sub. Name _____

4. USE:
 Domestic Municipal Monitor Irrigation
 Thermal Injection Other

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

6. DRILL METHOD:
 Air Rotary Cable Mud Rotary Other

7. SEALING PROCEDURES

Seal Material	From	To	Weight / Volume	Seal Placement Method
<u>Sealant</u>	<u>0</u>	<u>30</u>	<u>40#</u>	<u>Grout</u>

Was drive shoe used? Y N Shoe Depth(s) 100'
Was drive shoe seal tested? Y N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
<u>6</u>	<u>71</u>	<u>100</u>	<u>1/4</u>	<u>steel</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Length of Headpipe 18' Length of Tailpipe _____
Packer Y N Type _____

9. PERFORATIONS/SCREENS PACKER TYPE
Perforation Method Torch 1/4x6"
Screen Type & Method of Installation

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
<u>89</u>	<u>94</u>	<u>1/4</u>	<u>50</u>		<u>steel</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<u>40</u>	<u>50</u>	<u>1/4</u>	<u>15</u>			<input checked="" type="checkbox"/>	<input type="checkbox"/>

10. FILTER PACK

Filter Material	From	To	Weight / Volume	Placement Method

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
10 ft. below ground Artesian pressure _____ lb.
Depth flow encountered _____ ft. Describe access port or control devices: _____

12. WELL TESTS:
 Pump Baller Air Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
<u>15</u>	<u>1'</u>	<u>11'</u>	<u>1 Hour</u>

Water Temp. 53' Bottom hole temp. Same
Water Quality test or comments: Good

13. LITHOLOGIC LOG: (Describe repairs or abandonment) Depth first Water Encounter 40

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
<u>8</u>	<u>0</u>	<u>10</u>	<u>top soil</u>		
<u>8</u>	<u>10</u>	<u>41</u>	<u>large quartz boulders</u>		
<u>8</u>	<u>41</u>	<u>70</u>	<u>brown clay sand</u>		
<u>6</u>	<u>70</u>	<u>105</u>	<u>mountain rock</u>		
			<u>packed sand white</u>		

RECEIVED

AUG 04 2006

DEPT. OF WATER RESOURCES
SOUTHERN REGION

Completed Depth _____ (Measurable)
Date: Started 7-19-06 Completed 7-24-06

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

Company Name Chesley Drilling Firm No. 428
Principal Driller Bob Chesley Date 7-24-06
and
Driller or Operator II Tom Chesley Date 7-24-06
Operator I Daniel Chesley Date 7-24-06
Principal Driller and Rig Operator Required.
Operator I must have signature of Driller/Operator II.

FORWARD WHITE COPY TO WATER RESOURCES

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

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

1. **WELL TAG NO. D** 0034007
DRILLING PERMIT NO. 815921; ID 386597
 Water Right or Injection Well No. _____

2. **OWNER:**
 Name Albion Country Store LLC
 Address P.O. Box 14
 City Albion State ID Zip 83311

3. **LOCATION OF WELL by legal description:**
 You must provide address or Lot, Blk. Sub. or Directions to well.
 Twp. 12 North or South
 Rge. 25 East or West
 Sec. 6 1/4 SE 1/4 SE 1/4
 Gov't Lot _____ County Cassia
 Lat: : : Long: : :
 Address of Well Site
833 S Highway 77 City Albion
(Give at least name of Road or Distance to Road or Loc. Mark)
 Lt. _____ Blk. _____ Sub. Name _____

4. **USE:**
 Domestic Municipal Monitor Irrigation
 Thermal Injection Other _____

5. **TYPE OF WORK** check all that apply (Replacement etc.)
 New Well Modify Abandonment Other _____

6. **DRILL METHOD:**
 Air Rotary Cable Mud Rotary Other _____

7. **SEALING PROCEDURES**

Seal Material	From	To	Weight / Volume	Seal Placement Method
Bentonite	5	62	17 S	Poured

Was drive shoe used? Y N Shoe Depth(s) 159 ft.
 Was drive shoe seal tested? Y N How? Air pressure

8. **CASING/LINER:**

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6"	+1	159	.280	Steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Length of Headpipe _____ Length of Tailpipe _____
 Packer Y N Type _____

9. **PERFORATIONS/SCREENS PACKER TYPE**

Perforation Method Knife

Screen Type & Method of Installation _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
80	100	1/8	3 R	6"	Steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>
		x 3				<input type="checkbox"/>	<input type="checkbox"/>

10. **FILTER PACK**

Filter Material	From	To	Weight / Volume	Placement Method

11. **STATIC WATER LEVEL OR ARTESIAN PRESSURE:**
12 ft. below ground Artesian pressure _____ lb.
 Depth flow encountered _____ ft. Describe access port or control devices: _____

12. **WELL TESTS:**

Pump Bailor Air Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time

Water Temp. _____ Bottom hole temp. _____
 Water Quality test or comments: _____
 Depth first Water Encounter _____

13. **LITHOLOGIC LOG: (Describe repairs or abandonment)**

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
10	0	4	Topsoil		x
	4	19	Sandy clay & gravel	x	
	19	62	Tan sandstone	x	
8	62	72	Tan sandstone	x	
	72	103	Brown sandstone	x	
	103	141	Black shale		x
	141	159	Brown sandstone	x	
Actual bore hole diameter is 10-7/8" and 8-3/4"					
RECEIVED					
JUN 04 2004					
Department of Water Resources Southern Region					
Completed Depth <u>159 ft.</u> (Measurable)					
Date Started <u>6-1-04</u> Completed <u>6-2-04</u>					

14. **DRILLER'S CERTIFICATION**
 (We certify that all minimum well construction standards were complied with at the time the rig was removed.)

Company Name Elsing Drilling Firm No. 31
 Principal Driller Arnold Elsing Date 6-2-04
 and Driller or Operator II CRAIG EGAN Date 6-2-04
 Operator I Lloyd Hayden Date 6-2-04
Principal Driller and Rig Operator Required.
 Operator must have signature of Driller/Operator II.

FORWARD WHITE COPY TO WATER RESOURCES

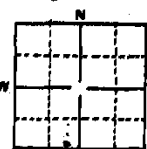
USE TYPEWRITER OR BALL POINT PEN

State of Idaho
Department of Water Administration

RECEIVED

WELL DRILLER'S REPORT

State law requires that this report be filed with the State Reclamation Engineer within 30 days after completion or abandonment of the well.

<p>1. WELL OWNER</p> <p>Name <u>MERRELL CUNHA</u></p> <p>Address <u>ALBION IDAHO</u></p> <p>Owner's Permit No. _____</p>	<p>7. WATER LEVEL</p> <p>Static water level <u>47</u> feet below land surface</p> <p>Flowing? <input type="checkbox"/> Yes <input type="checkbox"/> No G.P.M. flow _____</p> <p>Temperature _____ ° F. Quality _____</p> <p>Artesian closed-in pressure _____ p.s.i.</p> <p>Controlled by <input type="checkbox"/> Valve <input type="checkbox"/> Cap <input type="checkbox"/> Plug</p>																																														
<p>2. NATURE OF WORK</p> <p><input checked="" type="checkbox"/> New well <input type="checkbox"/> Deepened <input type="checkbox"/> Replacement</p> <p><input type="checkbox"/> Abandoned (describe method of abandoning)</p>	<p>8. WELL TEST DATA</p> <p><input type="checkbox"/> Pump <input checked="" type="checkbox"/> Bailer <input type="checkbox"/> Other</p> <table border="1"> <thead> <tr> <th>Discharge G.P.M.</th> <th>Draw Down</th> <th>Hours Pumped</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	Discharge G.P.M.	Draw Down	Hours Pumped																																											
Discharge G.P.M.	Draw Down	Hours Pumped																																													
<p>3. PROPOSED USE</p> <p><input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Irrigation <input type="checkbox"/> Test</p> <p><input type="checkbox"/> Municipal <input type="checkbox"/> Industrial <input type="checkbox"/> Stock</p>	<p style="text-align: center;">038345</p> <p>9. LITHOLOGIC LOG</p> <table border="1"> <thead> <tr> <th rowspan="2">Hole Diam.</th> <th colspan="2">Depth</th> <th rowspan="2">Material</th> <th colspan="2">Water</th> </tr> <tr> <th>From</th> <th>To</th> <th>Yes</th> <th>No</th> </tr> </thead> <tbody> <tr> <td>8</td> <td>0</td> <td>3</td> <td>topsoil</td> <td></td> <td></td> </tr> <tr> <td>8-6</td> <td>3</td> <td>33</td> <td>boulders and clay</td> <td></td> <td></td> </tr> <tr> <td>6</td> <td>33</td> <td>62</td> <td>red clay</td> <td></td> <td></td> </tr> <tr> <td></td> <td>62</td> <td>92</td> <td>light brown clay</td> <td>x</td> <td></td> </tr> <tr> <td></td> <td>92</td> <td>128</td> <td>brown sandstone</td> <td>x</td> <td></td> </tr> <tr> <td></td> <td>128</td> <td>140</td> <td>gray sandstone</td> <td>x</td> <td></td> </tr> </tbody> </table>	Hole Diam.	Depth		Material	Water		From	To	Yes	No	8	0	3	topsoil			8-6	3	33	boulders and clay			6	33	62	red clay				62	92	light brown clay	x			92	128	brown sandstone	x			128	140	gray sandstone	x	
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<p>4. METHOD DRILLED</p> <p><input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rotary <input type="checkbox"/> Dug <input type="checkbox"/> Other</p>																																															
<p>5. WELL CONSTRUCTION</p> <p>Diameter of hole <u>7</u> inches Total depth <u>140</u> feet</p> <p>Casing schedule: <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Concrete</p> <table border="1"> <thead> <tr> <th>Thickness</th> <th>Diameter</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td><u>3/2</u> inches</td> <td><u>7-4</u> inches</td> <td><u>plus 1</u> feet</td> <td><u>101</u> feet</td> </tr> <tr> <td>_____ inches</td> <td>_____ inches</td> <td>_____ feet</td> <td>_____ feet</td> </tr> <tr> <td>_____ inches</td> <td>_____ inches</td> <td>_____ feet</td> <td>_____ feet</td> </tr> <tr> <td>_____ inches</td> <td>_____ inches</td> <td>_____ feet</td> <td>_____ feet</td> </tr> </tbody> </table> <p>Was a packer or seal used? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Perforated? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>How perforated? <input type="checkbox"/> Factory <input type="checkbox"/> Knife <input checked="" type="checkbox"/> Torch</p> <p>Size of perforation <u>1/8</u> inches by <u>12</u> inches</p> <table border="1"> <thead> <tr> <th>Number</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td><u>18</u> perforations</td> <td><u>93</u> feet</td> <td><u>98</u> feet</td> </tr> <tr> <td>_____ perforations</td> <td>_____ feet</td> <td>_____ feet</td> </tr> <tr> <td>_____ perforations</td> <td>_____ feet</td> <td>_____ feet</td> </tr> </tbody> </table> <p>Well screen installed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Manufacturer's name _____</p> <p>Type _____ Model No. _____</p> <p>Diameter _____ Slot size _____ Set from _____ feet to _____ feet</p> <p>Diameter _____ Slot size _____ Set from _____ feet to _____ feet</p> <p>Gravel packed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Size of gravel _____</p> <p>Placed from _____ feet to _____ feet</p> <p>Surface seal? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No To what depth <u>18</u> feet</p> <p>Material used in seal <input type="checkbox"/> Cement grout <input checked="" type="checkbox"/> Pudding clay</p>	Thickness	Diameter	From	To	<u>3/2</u> inches	<u>7-4</u> inches	<u>plus 1</u> feet	<u>101</u> feet	_____ inches	_____ inches	_____ feet	_____ feet	_____ inches	_____ inches	_____ feet	_____ feet	_____ inches	_____ inches	_____ feet	_____ feet	Number	From	To	<u>18</u> perforations	<u>93</u> feet	<u>98</u> feet	_____ perforations	_____ feet	_____ feet	_____ perforations	_____ feet	_____ feet															
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<p>6. LOCATION OF WELL</p> <p>Sketch map location must agree with written location.</p>  <p>County <u>Cassia</u></p> <p><u>SE 1/4 SW 1/4 Sec. 6 T. 12 N. R. 25 E.</u></p>	<p>10.</p> <p>Work started <u>10-14-71</u> finished <u>10-18-71</u></p> <p>11. DRILLER'S CERTIFICATION</p> <p>This well was drilled under my supervision and this report is true to the best of my knowledge.</p> <p><u>SHERMAN COUCH WELL DRILLING</u> <u>161</u> Driller's or Firm's Name Number</p> <p><u>340 Wagon Vista Dr. Burley Idaho</u> Address</p> <p><u>Sherman Couch</u> <u>10-28-71</u> Signed By Date</p>																																														

USE ADDITIONAL SHEETS IF NECESSARY FORWARD THE WHITE, BLUE, AND PINK COPIES TO THE DEPARTMENT

Correction

Form 238-7
6/02

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

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

1. WELL TAG NO. D 0043009
DRILLING PERMIT NO. 890156
Water Right or Injection Well No. _____

2. OWNER:
Name STEVEN BARBER
Address 176W 100S
City Rupert State ID Zip 83350

3. LOCATION OF WELL by legal description: BC
You must provide address or Lot, Blk, Sub. or Directions to well.
Twp. 12 North or South
Rge. 25 East or West
Sec. 6 1/4 SW SE
Gov't Lot _____ County CASSIA
Lat: _____ Long: _____
Address of Well Site 1/8 mis City Albion
(Give at least name of road + Distance to Road or Landmark)
Lt. _____ Blk. _____ Sub. Name _____

4. USE:
 Domestic Municipal Monitor Irrigation
 Thermal Injection Other

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

6. DRILL METHOD:
 Air Rotary Cable Mud Rotary Other

7. SEALING PROCEDURES

Seal Material	From	To	Weight / Volume	Seal Placement Method
<u>Dentul</u>	<u>0</u>	<u>30</u>	<u>300#</u>	<u>Onshore</u>

Was drive shoe used? Y N Shoe Depth(s) _____
Was drive shoe seal tested? Y N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
<u>6</u>	<u>+1</u>	<u>100</u>		<u>Steel</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Length of Headpipe _____ Length of Tailpipe _____
Packer Y N Type _____

9. PERFORATIONS/SCREENS PACKER TYPE

Perforation Method Torch 5/16 X 5"
Screen Type & Method of Installation _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
<u>89</u>	<u>93</u>		<u>40</u>			<input checked="" type="checkbox"/>	<input type="checkbox"/>

10. FILTER PACK

Filter Material	From	To	Weight / Volume	Placement Method

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
40 ft. below ground Artesian pressure _____ lb.
Depth flow encountered _____ ft. Describe access port or control devices: _____

12. WELL TESTS:

Pump Bailer Air Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
<u>70</u>	<u>-0-</u>	<u>40'</u>	<u>1 Hr</u>

Water Temp. 53° Bottom hole temp. SAME
Water Quality test or comments: good

13. LITHOLOGIC LOG: (Describe repairs or abandonment) Water

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
<u>8</u>	<u>0</u>	<u>33</u>	<u>top soil</u>		
<u>8</u>	<u>3</u>	<u>30</u>	<u>large quartz boulders</u>		
<u>6</u>	<u>30</u>	<u>75</u>	<u>Bottom clay</u>		
<u>6</u>	<u>75</u>	<u>100</u>	<u>4-gravel</u>		

RECEIVED

FEB 07 2007

DEPT. OF WATER RESOURCES
SOUTHERN REGION

Completed Depth 100' (Measurable)
Date: Started 7-17-06 Completed 7-17-06

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

Company Name Chesley Drilling Firm No. 428
Principal Driller Paul Chesley Date 7-17-06
and Driller or Operator II Tim Chesley Date 7-17-06
Operator I Douglas Chesley Date 7-17-06
Principal Driller and Rig Operator Required.
Operator I must have signature of Driller/Operator II.

FORWARD WHITE COPY TO WATER RESOURCES

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

AD

Office Use Only			
Well ID No.	_____		
Inspected by	_____		
Twp	Rge	Sec	
_____	_____	_____	
Lat: _____	: _____	Long: _____	: _____

1. WELL TAG NO. D 00 57108
 DRILLING PERMIT NO. 860733
 Water Right or Injection Well No. _____

2. OWNER:
 Name GARY ERICKSON
 Address Box 545
 City ALBION State ID Zip 83311

3. LOCATION OF WELL by legal description:
 You must provide address or Lot, Blk, Sub. or Directions to well.
 Twp. 12 North or South
 Rge. 25 East or West
 Sec. 6 1/4 SE 1/4 SE 1/4
 Gov't Lot _____
 County CASSIA
 Lat: 42:24:21 Long: 13:34:37
 Address of Well Site 318 E City ALBION
 Lt. _____ Blk. _____ Sub. Name _____

4. USE:
 Domestic Municipal Monitor Irrigation
 Thermal Injection Other _____

5. TYPE OF WORK check all that apply (Replacement etc.)
 New Well Modify Abandonment Other _____

6. DRILL METHOD:
 Air Rotary Cable Mud Rotary Other _____

7. SEALING PROCEDURES

Seal Material	From	To	Weight / Volume	Seal Placement Method
<u>Bentonite</u>	<u>0</u>	<u>28'</u>	<u>1400#</u>	<u>overbore 10"</u>

Was drive shoe used? Y N Shoe Depth(s) 100'
 Was drive shoe seal tested? Y N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
<u>6</u>	<u>+1</u>	<u>100'</u>	<u>1/4</u>	<u>Steel</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Length of Headpipe 28' Length of Tailpipe _____
 Packer Y N Type _____

9. PERFORATIONS/SCREENS PACKER TYPE

Perforation Method Torch - 1/4" x 6"
 Screen Type & Method of Installation _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
<u>28</u>	<u>40</u>	<u>1/4"</u>	<u>40</u>		<u>Steel</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<u>73</u>	<u>90</u>	<u>1/4"</u>	<u>40</u>		<u>Steel</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

10. FILTER PACK Per Gravel

Filter Material	From	To	Weight / Volume	Placement Method
<u>Per Gravel</u>	<u>27</u>	<u>28'</u>	<u>200#</u>	<u>thru TOP</u>

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
8' ft. below ground Artesian pressure _____ lb.
 Depth flow encountered _____ ft. Describe access port or control devices: _____

12. WELL TESTS:

Yield gal./min.	Drawdown	Pumping Level	Time
<u>15</u>	<u>10'</u>	<u>18'</u>	<u>1hr</u>

Water Temp. 54° Bottom hole temp. Same
 Water Quality test or comments: Good

Depth first Water Encounter 28'

13. LITHOLOGIC LOG: (Describe repairs or abandonment) Water

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
<u>10</u>	<u>0</u>	<u>4'</u>	<u>TOP SOIL</u>		
<u>10</u>	<u>4</u>	<u>14'</u>	<u>HALD PAN</u>		
<u>10</u>	<u>14</u>	<u>28'</u>	<u>BOLDERS</u>		
<u>6</u>	<u>28</u>	<u>40'</u>	<u>GRAVEL (CLEAN)</u>	<input checked="" type="checkbox"/>	
<u>6</u>	<u>40</u>	<u>54'</u>	<u>Clay + gravel (brown)</u>		
<u>6</u>	<u>54</u>	<u>73'</u>	<u>gravel + sand</u>		
<u>6</u>	<u>73</u>	<u>90'</u>	<u>Some Sand</u>	<input checked="" type="checkbox"/>	
<u>6</u>	<u>90</u>	<u>100'</u>	<u>Drum Clay</u>		

RECEIVED

MAR 21 2011

DEPT. OF WATER RESOURCES
SOUTHERN REGION

Completed Depth 100' (Measurable)
 Date: Started 2-17-11 Completed 2-22-11

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

Company Name Chelley Drilling Firm No. 428
 Principal Driller Pai Chelley Date 2-23-11
 and Driller or Operator II _____ Date _____
 Operator I Tracy Chelley Date 2-23-11
 Principal Driller and Rig Operator Required.
 Operator I must have signature of Driller/Operator II.

FORWARD WHITE COPY TO WATER RESOURCES

Form 238-7
11/97

Basin 45
App 870313
IP345977

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Office Use Only			
Inspected by	_____		
Twp	Rge	Sec	
1/4	1/4	1/4	
Lat: _____	Long: _____		
<input type="checkbox"/> Pump	<input checked="" type="checkbox"/> Bailer	<input type="checkbox"/> Air	<input type="checkbox"/> Flowing Artesian

1. WELL TAG NO. D 0016950
DRILLING PERMIT NO. 774 138
Other IDWR No. _____

2. OWNER:
Name Roger Jenkins
Address PO Box 36
City Albion State Id Zip 83311

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

N		Twp. <u>12</u> North <input type="checkbox"/> or South <input checked="" type="checkbox"/>	
E		Rge. <u>25</u> East <input checked="" type="checkbox"/> or West <input type="checkbox"/>	
S		Sec. <u>6</u> SE 1/4 SE 1/4 SE 1/4	
W		Gov't Lot _____ County _____	
S		Lat: _____ Long: _____	
S		Address of Well Site <u>1140 E 900 S</u>	
S		City <u>Albion</u>	

(Give at least name of road + distance to road or landmark)

Lt. _____ Blk. _____ Sub. Name _____

4. USE:
 Domestic Municipal Monitor Irrigation
 Thermal Injection Other _____

5. TYPE OF WORK check all that apply (Replacement etc.)
 New Well Modify Abandonment Other _____

6. DRILL METHOD
 Air Rotary Cable Mud Rotary Other _____

SEAL/FILTER PACK			AMOUNT	METHOD
Material	From	To	Sacks or Pounds	
<u>Bentonite & Clay</u>	<u>Surface</u>	<u>20</u>	<u>2</u>	<u>over bore & temp casing</u>

Was drive shoe used? Y N Shoe Depth(s) _____
Was drive shoe seal tested? Y N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
<u>8 3/8 + 1/2</u>	<u>119</u>	<u>119</u>	<u>5/8</u>	<u>steel</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS
Perforations 38-8 1/2 Method torch
Screens _____ Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
<u>100</u>	<u>119</u>	<u>1/8</u>	<u>38</u>	<u>8 3/8</u>	<u>steel</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
26 ft. below ground Artesian pressure _____ lb.
Depth flow encountered _____ ft. Describe access port or control devices: well cap

11. WELL TESTS:
 Pump Bailer Air Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
<u>18</u>	<u>8'</u>	<u>32'</u>	<u>1/2 hr</u>

Water Temp. 52° Bottom hole temp. 52°
Water Quality test or comments: not tested

12. LITHOLOGIC LOG: (Describe repairs or abandonment) Water
Depth first Water Encounter 11'

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
<u>12</u>	<u>1</u>	<u>3</u>	<u>Top soil</u>		<input checked="" type="checkbox"/>
<u>12</u>	<u>3</u>	<u>11</u>	<u>Tan clay gravel + cobbles</u>		<input checked="" type="checkbox"/>
<u>12</u>	<u>11</u>	<u>20</u>	<u>Tan sandy clay gravel + cobbles</u>		<input checked="" type="checkbox"/>
<u>8</u>	<u>20</u>	<u>86</u>	<u>Tan clay</u>		<input checked="" type="checkbox"/>
	<u>86</u>	<u>91</u>	<u>Hard packed brown sand</u>		<input checked="" type="checkbox"/>
	<u>91</u>	<u>100</u>	<u>Brown sandy clay</u>		<input checked="" type="checkbox"/>
	<u>100</u>	<u>-</u>	<u>Soft sandstone with thin strips of coarse sand</u>		<input checked="" type="checkbox"/>
	<u>-</u>	<u>145</u>	<u>sand</u>		<input checked="" type="checkbox"/>
<u>8</u>	<u>145</u>	<u>147</u>	<u>Gray clay</u>		<input checked="" type="checkbox"/>

Completed Depth 147' (Measurable)
Date: Started 2-27-02 Completed 3/16/02

13. DRILLER'S CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.
Company Name MacKenzie Well Drilling Firm No. 37
Firm Official Tom MacKenzie Date 3/18/02
and
Driller or Operator _____ Date _____
(Sign once if Firm Official & Operator)

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

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

1. WELL TAG NO. D 0034278
 DRILLING PERMIT NO. 823049
 Water Right or Injection Well No. _____

2. OWNER: KC Ramsey
 Name _____
 Address _____
 City Abion State Id Zip 83311

3. LOCATION OF WELL by legal description:
 You must provide address or Lot, Blk, Sub. or Directions to well.
 Twp. 12 North or South
 Rge. 35 East or West
 Sec. 6 SW 1/4 SE 1/4 SW 1/4
 Gov't Lot _____ County Cassia
 Lat: _____ Long: _____
 Address of Well Site 1080 E 900 S City Abion
(Give at least name of road - Distance to Road or Landmark)
 Lt. _____ Blk. _____ Sub. Name _____

4. USE:
 Domestic Municipal Monitor Irrigation
 Thermal Injection Other _____

5. TYPE OF WORK check all that apply (Replacement etc.)
 New Well Modify Abandonment Other _____

6. DRILL METHOD:
 Air Rotary Cable Mud Rotary Other CP

7. SEALING PROCEDURES

Seal Material	From	To	Weight / Volume	Seal Placement Method
<u>Bentonite</u>	<u>0</u>	<u>20</u>	<u>4 sks</u>	<u>overbore</u>

Was drive shoe used? Y N Shoe Depth(s) _____
 Was drive shoe seal tested? Y N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
<u>6"</u>	<u>+1</u>	<u>94</u>	<u>.250</u>	<u>Steel</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Length of Headpipe _____ Length of Tail pipe _____
 Packer Y N Type _____

9. PERFORATIONS/SCREENS PACKER TYPE

Perforat on Method Torch
 Screen Type & Method of Installation _____

From	To	Sigt. Size	Number	Diameter	Material	Casing	Liner
<u>92</u>	<u>88</u>	<u>1/8"</u>			<u>Steel</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

10. FILTER PACK

Filler Material	From	To	Weight / Volume	Placement Method

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

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

12. WELL TESTS:

<input checked="" type="checkbox"/> Pump	<input type="checkbox"/> Bailer	<input type="checkbox"/> Air	<input type="checkbox"/> Flowing Artesian
Yield gal./min.	Drawdown	Pumping Level	Time
<u>30 gpm</u>	<u>0</u>	<u>55'</u>	<u>1/2 hr</u>

Water Temp. _____ Bottom hole temp. _____

Water Quality test or comments: _____

Depth first Water Encounter _____

13. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
<u>8</u>	<u>0</u>	<u>2</u>	<u>Topsail</u>		
	<u>2</u>	<u>20</u>	<u>Quartz Boulders</u>		
<u>6</u>	<u>20</u>	<u>32</u>	<u>Quartz Boulders</u>		<input checked="" type="checkbox"/>
	<u>32</u>	<u>35</u>	<u>Light colored clay</u>		
	<u>35</u>	<u>64</u>	<u>Dark Brown Clay</u>		
	<u>64</u>	<u>69</u>	<u>White Clay</u>		
	<u>69</u>	<u>82</u>	<u>Light colored clay</u>		
	<u>82</u>	<u>89</u>	<u>Brown Sandstone</u>		<input checked="" type="checkbox"/>
	<u>89</u>	<u>125</u>	<u>Grey Sandstone</u>		

RECEIVED

DEC 13 2004

Department of Water Resources
Southern Region

Completed Depth 115 (Measurable)
 Date: Started 8/10/04 Completed 8/18/04

14. DRILLER'S CERTIFICATION

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

Company Name Kodiak Drilling Co Firm No. 531
 Principal Driller [Signature] Date 12/13/04
 and _____ Date _____
 Driller or Operator II _____ Date _____
 Operator I _____ Date _____

Principal Driller and Rig Operator Required.
 Operator I must have signature of Driller/Operator II.

FORWARD WHITE COPY TO WATER RESOURCES

IDAHO DEPARTMENT OF WATER RESOURCES

DA

WELL DRILLER'S REPORT

1. WELL TAG NO. D 0070606
 DRILLING PERMIT NO. 678877
 Water Right or Injection Well No. _____

2. OWNER:
 Name Shane Ramsey
 Address PO Box 117
 City Albion State ID Zip 83311

3. LOCATION OF WELL by legal description:
 Twp. 12 North or South Rge. 25 East or West
 Sec. 6 1/4 SE 1/4 SW 1/4
 Gov't Lot _____ County Cassia
 Lat. 42 Deg. 24.108 (Deg and Dec min)
 Long. 113 Deg. 34.899 (Deg and Dec min)
 Address of Well Site 1066 East 900 South
 City Albion
 Lt. _____ Blk. _____ Sub. Name _____

4. USE:
 Domestic Municipal Monitor Irrigation Thermal Injection
 Other _____

5. TYPE OF WORK: (check all that apply)
 New Well Replacement well Modify existing well
 Abandonment Other _____

6. DRILL METHOD:
 Air Rotary Cable Mud Rotary Other _____

7. SEALING PROCEDURES:

Seal Material	From	To	WW/Volume	Seal Placement Method
bentonite	0	15	750 lbs.	over bore / dry pour
concrete	15	45	2 yards	tremie pipe

8. CASING/LINER:

Dia.	From	To	Gauge	Material	Casing	Liner	Threaded	Welded
6	+1	120	.250	steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5	110	116	.250	steel	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Was drive shoe used? Y N Shoe Depth 120'

9. PERFORATIONS/SCREENS PACKER TYPE:
 Perforations Y N Method _____
 Manufactured screen Y N Type v - wire mesh

Method of installation

From	To	Slot size	#/ft	Diameter	Material	Gauge or Sch.
116	136	.018		5	s. steel	

Length of headpipe 6' Length of tailpipe _____
 Packer Y N Type k - packer

10. FILTER PACK:

Filter Material	From	To	WW/Volume	Placement Method
N/A				

11. FLOWING ARTESIAN:
 Flowing Artesian? Y N Artesian Pressure (PSIG) _____
 Describe control device _____

12. STATIC WATER LEVEL and WELL TESTS:
 Depth first water encountered(ft) 6' Static water level (ft) 20'
 Water temp. < 85 Bottom hole temp. < 85
 Describe access port _____ well cap _____

WELL test:

Drawdown (ft)	Discharge (gpm)	Test duration	Pump	Bailer	Air	Flowing
80'	25	60 minutes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Water Quality test comments: _____

13. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore dia.	From	To	Remarks: Lithology, or description of repairs, or abandonment, or water temp.	Water	
				Y	N
10	0	3	top soil		
10	3	6	brown clay		
10	6	30	medium boulders & little clay quartz	x	
10	30	46	brown clay		
8	46	72	brown clay		
8	72	80	gray sand		
8	80	82	gray sandstone		
8	82	120	gray sand w/ thin layers of sandstone		x
8	120	140	gray sand w/ thin layers of sandstone		

RECEIVED
 SEP 06 2016
 DEPT OF WATER RESOURCES
 SOUTHERN REGION

Completed Depth 136' (Measurable)
 Date: Started 05/10/16 Completed 05/23/16

14. DRILLER'S CERTIFICATION:
 I/We certify that all min well construction standards were complied with when rig was removed
 Company Name APEX DRILLING LLC Co. No. 667
 *Principal Driller David Borden Date 5/23/16
 *Driller Mike Date 5/23/16
 *Operator II Theresa Date 5/23/16
 Operator I _____ Date _____

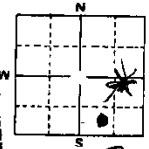
USE TYPEWRITER OR BALL POINT PEN

State of Idaho
Department of Water Resources

RECEIVED

WELL DRILLER'S REPORT

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

<p>1. WELL OWNER</p> <p>Name <u>Tom Asher</u></p> <p>Address <u>Albia, Idaho 83311</u></p> <p>Owner's Permit No. <u>45-7311</u></p>	<p>7. WATER LEVEL Department of water resources Southern District Office</p> <p>Static water level <u>20</u> feet below land surface <i>WED</i></p> <p>Flowing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No G.P.M. flow _____</p> <p>Temperature _____ ° F. Quality _____</p> <p>Artesian closed-in pressure _____ p.s.i.</p> <p>Controlled by <input type="checkbox"/> Valve <input type="checkbox"/> Cap <input checked="" type="checkbox"/> Plug</p>																																																																						
<p>2. NATURE OF WORK</p> <p><input checked="" type="checkbox"/> New well <input type="checkbox"/> Deepened <input type="checkbox"/> Replacement</p> <p><input type="checkbox"/> Abandoned (describe method of abandoning)</p>	<p>8. WELL TEST DATA</p> <p><input type="checkbox"/> Pump <input type="checkbox"/> Bailer <input type="checkbox"/> Other</p> <table border="1"> <thead> <tr> <th>Discharge G.P.M.</th> <th>Draw Down</th> <th>Hours Pumped</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Discharge G.P.M.	Draw Down	Hours Pumped																																																																			
Discharge G.P.M.	Draw Down	Hours Pumped																																																																					
<p>3. PROPOSED USE</p> <p><input type="checkbox"/> Domestic <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Test <input type="checkbox"/> Other (specify type)</p> <p><input type="checkbox"/> Municipal <input type="checkbox"/> Industrial <input type="checkbox"/> Stock <input type="checkbox"/> Waste Disposal or Injection</p>	<p>9. LITHOLOGIC LOG</p> <table border="1"> <thead> <tr> <th rowspan="2">Hole Diam.</th> <th colspan="2">Depth</th> <th rowspan="2">Material</th> <th colspan="2">Water</th> </tr> <tr> <th>From</th> <th>To</th> <th>Yes</th> <th>No</th> </tr> </thead> <tbody> <tr> <td>12"</td> <td>0</td> <td>3</td> <td>Top Soil</td> <td></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>"</td> <td>3</td> <td>12</td> <td>Brown Clay</td> <td></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>"</td> <td>12</td> <td>22</td> <td>clay & boulders</td> <td></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>"</td> <td>22</td> <td>38</td> <td>yellowish clay</td> <td></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>"</td> <td>38</td> <td>60</td> <td>Brown clay & gravel</td> <td></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>"</td> <td>60</td> <td>116</td> <td>packed sand & small gravel</td> <td></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>"</td> <td>116</td> <td>248</td> <td>Brown clay</td> <td></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>"</td> <td>248</td> <td>252</td> <td>course sand & gravel</td> <td></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>"</td> <td>252</td> <td>260</td> <td>Brown clay</td> <td></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>"</td> <td>260</td> <td>337</td> <td>Packed Sand</td> <td></td> <td><input checked="" type="checkbox"/></td> </tr> </tbody> </table>	Hole Diam.	Depth		Material	Water		From	To	Yes	No	12"	0	3	Top Soil		<input checked="" type="checkbox"/>	"	3	12	Brown Clay		<input checked="" type="checkbox"/>	"	12	22	clay & boulders		<input checked="" type="checkbox"/>	"	22	38	yellowish clay		<input checked="" type="checkbox"/>	"	38	60	Brown clay & gravel		<input checked="" type="checkbox"/>	"	60	116	packed sand & small gravel		<input checked="" type="checkbox"/>	"	116	248	Brown clay		<input checked="" type="checkbox"/>	"	248	252	course sand & gravel		<input checked="" type="checkbox"/>	"	252	260	Brown clay		<input checked="" type="checkbox"/>	"	260	337	Packed Sand		<input checked="" type="checkbox"/>
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<p>4. METHOD DRILLED</p> <p><input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rotary <input type="checkbox"/> Dug <input type="checkbox"/> Other</p>																																																																							
<p>5. WELL CONSTRUCTION</p> <p>Diameter of hole <u>12</u> inches Total depth <u>337</u> feet</p> <p>Casing schedule: <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Concrete</p> <table border="1"> <thead> <tr> <th>Thickness</th> <th>Diameter</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td><u>.250</u> inches</td> <td><u>12</u> inches</td> <td><u>1</u> feet</td> <td><u>146</u> feet</td> </tr> <tr> <td>_____ inches</td> <td>_____ inches</td> <td>_____ feet</td> <td>_____ feet</td> </tr> <tr> <td>_____ inches</td> <td>_____ inches</td> <td>_____ feet</td> <td>_____ feet</td> </tr> <tr> <td>_____ inches</td> <td>_____ inches</td> <td>_____ feet</td> <td>_____ feet</td> </tr> <tr> <td>_____ inches</td> <td>_____ inches</td> <td>_____ feet</td> <td>_____ feet</td> </tr> </tbody> </table> <p>Was casing drive shoe used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Was a packer or seal used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Perforated? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>How perforated? <input type="checkbox"/> Factory <input type="checkbox"/> Knife <input checked="" type="checkbox"/> Torch</p> <p>Size of perforation <u>8</u> inches by <u>3/8</u> inches</p> <table border="1"> <thead> <tr> <th>Number</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td><u>420</u></td> <td><u>18</u> feet</td> <td><u>146</u> feet</td> </tr> <tr> <td>_____</td> <td>_____ feet</td> <td>_____ feet</td> </tr> <tr> <td>_____</td> <td>_____ feet</td> <td>_____ feet</td> </tr> </tbody> </table> <p>Well screen installed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Manufacturer's name _____</p> <p>Type _____ Model No. _____</p> <p>Diameter _____ Slot size _____ Set from _____ feet to _____ feet</p> <p>Diameter _____ Slot size _____ Set from _____ feet to _____ feet</p> <p>Gravel packed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Size of gravel _____</p> <p>Placed from _____ feet to _____ feet</p> <p>Surface seal depth <u>18</u> Material used in seal <input type="checkbox"/> Cement grout <input type="checkbox"/> Puddling clay <input checked="" type="checkbox"/> Well cuttings</p> <p>Sealing procedure used <input type="checkbox"/> Slurry pit <input type="checkbox"/> Temporary surface casing <input checked="" type="checkbox"/> Overbore to seal depth</p>	Thickness	Diameter	From	To	<u>.250</u> inches	<u>12</u> inches	<u>1</u> feet	<u>146</u> feet	_____ inches	_____ inches	_____ feet	_____ feet	_____ inches	_____ inches	_____ feet	_____ feet	_____ inches	_____ inches	_____ feet	_____ feet	_____ inches	_____ inches	_____ feet	_____ feet	Number	From	To	<u>420</u>	<u>18</u> feet	<u>146</u> feet	_____	_____ feet	_____ feet	_____	_____ feet	_____ feet																																			
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<p>6. LOCATION OF WELL</p> <p>Sketch map location must agree with written location. (45)</p>  <p>Subdivision Name _____</p> <p>Lot No. _____ Block No. _____</p> <p>County <u>CASSIA</u></p> <p><u>SW</u> <u>SE</u> 1/4 Sec. <u>6</u>, T. <u>12</u> S., R. <u>25</u> E.</p>	<p>10. Work started <u>Oct 9</u> finished <u>Oct 28</u></p> <p>11. DRILLERS CERTIFICATION</p> <p>Firm Name <u>Gary Yarbrough Drilling</u> Firm No. <u>351</u></p> <p>Address <u>P.O. Box 562 Albia</u> Date _____</p> <p>Signed by (Firm Official) <u>Gary Yarbrough</u></p> <p>and _____</p> <p>(Operator)</p>																																																																						

USE ADDITIONAL SHEETS IF NECESSARY

FORWARD THE WHITE COPY TO THE DEPARTMENT

IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

DA

1. WELL TAG NO. D 0080986

Drilling Permit No. 890830
Water right or injection well # _____

2. OWNER:

Name Turnipseed Construction
Address 25 River Run Estates
City Burley State ID Zip 83318

3. WELL LOCATION:

Twp. 12 North or South Rge. 25 East or West
Sec. 6 1/4 SW 1/4 SE 1/4

Gov't Lot _____ County Cassia
Lat. 42 (Deg. and Decimal minutes)
Long. 113 (Deg. and Decimal minutes)
Address of Well Site 1104 E 900 S

City Albion
Lot _____ Blk. _____ Sub. Name _____

4. USE:
 Domestic Municipal Monitor Irrigation Thermal Injection
 Other _____

5. TYPE OF WORK:
 New well Replacement well Modify existing well
 Abandonment Other _____

6. DRILL METHOD:
 Air Rotary Mud Rotary Cable Other _____

7. SEALING PROCEDURES:

Seal material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method/procedure
Bentonite	0	45	25 bags	Poured

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing	Liner	Threaded	Welded
6	+2	91	.250	Steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Was drive shoe used? Y N Shoe Depth(s) 91'

9. PERFORATIONS/SCREENS:

Perforations Y N Method _____
Manufactured screen Y N Type Stainless Steel
Method of installation _____

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
90	100	.018			Stainless	
					Steel	

Length of Headpipe _____ Length of Tailpipe _____
Packer Y N Type K-Packer

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method

11. FLOWING ARTESIAN:

Flowing Artesian? Y N Artesian Pressure (PSIG) _____
Describe control device _____

12. STATIC WATER LEVEL and WELL TESTS:

Depth first water encountered (ft) 5' Static water level (ft) 30'
Water temp. (°F) cold Bottom hole temp. (°F) _____
Describe access port WELL CAP

Well test:	Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)	Test method:			
				Pump	Ballor	Air	Flowing artesian
N/A				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Water quality test or comments: _____

13. LITHOLOGIC LOG and/or repairs or abandonment:

Bore Dia. (in)	From (ft)	To (ft)	Remarks, lithology or description of repairs or abandonment, water temp.	Water	
				Y	N
	0	4	TOPSOIL		X
	4	31	FRACTURED QUARTZ & GRAVEL	X	
	31	45	TAN CLAY	X	
6	45	47	TAN CLAY	X	
	47	82	SANDSTONE	X	
	82	100	SOFT SANDSTONE, SOME SAND & GRAVEL	X	

RECEIVED

SEP 06 2019

DEPT OF WATER RESOURCES
SOUTHERN REGION

Completed Depth (Measurable): 100'

Date Started: 8/15/19 Date Completed: 8/16/19

14. DRILLER'S CERTIFICATION:

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

Company Name Elsing Drilling & Pump Co Inc Co. No. 669

*Principal Driller [Signature] Date 8/19/19

*Driller _____ Date 8/19/19

*Operator II _____ Date _____

Operator I _____ Date 8/19/19

* Signature of Principal Driller and rig operator are required.

IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

AD

1. WELL TAG NO. D 0072442

Drilling Permit No. 89725
Water right or injection well # _____

2. OWNER:
Name Cathy Willis
Address 950 E. 17th St.
City Burley State Idaho Zip 83318

3. WELL LOCATION:
Twp. 12 North or South Rge. 25 East or West
Sec. 7 10 acres 1/4 40 acres NE 1/4 NW 1/4

Gov't Lot _____ County Cassia
Lat. 42 ° 24.027 (Deg. and Decimal minutes)
Long. 113 ° 34.834 (Deg. and Decimal minutes)
Address of Well Site 900 S. 1093 E.
City Albion
(Give at least name of road + Distance to Road or Landmark)

4. USE:
 Domestic Municipal Monitor Irrigation Thermal Injection
 Other _____

5. TYPE OF WORK:
 New well Replacement well Modify existing well
 Abandonment Other _____

6. DRILL METHOD:
 Air Rotary Mud Rotary Cable Other _____

7. SEALING PROCEDURES:

Seal material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method/procedure
bentonite	0	39	24/1200	overbore

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing	Liner	Threaded	Welded
65/8	1.5	104	.250	steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Was drive shoe used? Y N Shoe Depth(s) 104

9. PERFORATIONS/SCREENS:
Perforations Y N Method air perforator
Manufactured screen Y N Type _____
Method of installation _____

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
90	93	3/16	20	65/8	steel	.250

Length of Headpipe _____ Length of Tailpipe _____
Packer Y N Type _____

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method

11. FLOWING ARTESIAN:
Flowing Artesian? Y N Artesian Pressure (PSIG) _____
Describe control device _____

12. STATIC WATER LEVEL and WELL TESTS:
Depth first water encountered (ft) 18 Static water level (ft) 14
Water temp. (°F) _____ Bottom hole temp. (°F) _____
Describe access port well cap

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)	Pump	Bailer	Air	Flowing artesian
	15	30	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Water quality test or comments: _____

13. LITHOLOGIC LOG and/or repairs or abandonment:

Bore Dia. (in)	From (ft)	To (ft)	Remarks, lithology or description of repairs or abandonment, water temp.	Water	
				Y	N
10	0	2	soil & gravel		
	2	12	boulders & gravel		
	12	20	gravel		X
	20	24	cobbles		
	24	39	brown clay		
6	39	50	fine gravel some clay		X
	50	52	brown sandstone		
	52	72	brown clay		
	72	90	soft brown sandstone		X
	90	93	sand & gravel		X
	93	96	coarse white sand		X
	96	103	fine white sand		X

RECEIVED
SEP 07 2016
DEPT OF WATER RESOURCES
SOUTHERN REGION

879725

Completed Depth (Measurable): 103
Date Started: Aug 8, 2016 Date Completed: Aug 9, 2016

14. DRILLER'S CERTIFICATION:
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.
Company Name Couch Well Drilling Inc. Co. No. 161
*Principal Driller Scott Couch Date 8-9-16
*Driller _____ Date _____
*Operator II _____ Date _____
Operator I _____ Date _____
*Signature of Principal Driller and rig operator are required.

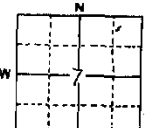
USE TYPEWRITER OR BALL POINT PEN

State of Idaho
Department of Water Resources

WELL DRILLER'S REPORT

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

RECEIVED
JUN 27 1983

<p>1. WELL OWNER</p> <p>Name <u>Wayman Yarbrough</u></p> <p>Address <u>Albon Idaho</u></p> <p>Owner's Permit No. _____</p>	<p>7. WATER LEVEL</p> <p>Static water level <u>30</u> feet below land surface</p> <p>Flowing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No G.P.M. flow _____</p> <p>Temperature _____ ° F. Quality _____</p> <p>Artesian closed-in pressure _____ p.s.i.</p> <p>Controlled by <input type="checkbox"/> Valve <input type="checkbox"/> Cap <input type="checkbox"/> Plug</p>																																										
<p>2. NATURE OF WORK</p> <p><input checked="" type="checkbox"/> New well <input type="checkbox"/> Deepened <input type="checkbox"/> Replacement</p> <p><input type="checkbox"/> Abandoned (describe method of abandoning)</p>	<p>8. WELL TEST DATA</p> <p><input type="checkbox"/> Pump <input checked="" type="checkbox"/> Bailer <input type="checkbox"/> Other</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Discharge G.P.M.</th> <th>Draw Down</th> <th>Hours Pumped</th> </tr> <tr> <td><u>15-20</u></td> <td><u>5.7ft</u></td> <td><u>20 MINUTE</u></td> </tr> </table>	Discharge G.P.M.	Draw Down	Hours Pumped	<u>15-20</u>	<u>5.7ft</u>	<u>20 MINUTE</u>																																				
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<p>6. LOCATION OF WELL</p> <p>Sketch map location must agree with written location.</p>  <p>Subdivision Name _____</p> <p>Lot No. _____ Block No. _____</p> <p>County <u>CASSIA</u></p> <p><u>NE 1/4 NE 1/4 Sec. 7, T. 12 S. R. 25 E. NW</u></p>	<p>10. Work started <u>OCT 10, 1982</u> finished <u>OCT 25, 1982</u></p> <p>11. DRILLER'S CERTIFICATION</p> <p>Firm Name <u>Yarbrough Drilling</u> Firm No. <u>96</u></p> <p>Address <u>Box 313, Albon Idaho</u> Date <u>6/27/83</u></p> <p>Signed by (Firm Official) <u>Wayman Yarbrough</u></p> <p>and (Operator) <u>Same</u></p>																																										

USE ADDITIONAL SHEETS IF NECESSARY FORWARD THE WHITE COPY TO THE DEPARTMENT

Log for Rapid Rope LLC well ID 473734 not currently available from IDWR

Log for Jed Hutchson well ID 471070 not currently available from IDWR

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

USE TYPEWRITER OR
BALLPOINT PEN

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

<p>1. WELL OWNER</p> <p>Name <u>L. JAMES PARTON</u> Address <u>1828 GRANDVIEW LANE</u> <u>PUALEY, IDAHO 83318</u> Drilling Permit No. <u>45-91-5-049</u> Water Right Permit No. _____</p>	<p>7. WATER LEVEL</p> <p>Static water level <u>33</u> feet below land surface. Flowing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No G.P.M. flow _____ Artesian closed-in pressure _____ p.s.i. Controlled by: <input type="checkbox"/> Valve <input type="checkbox"/> Cap <input type="checkbox"/> Plug Temperature _____ of. Quality _____ Describe artesian or temperature zones below.</p>																																																																																														
<p>2. NATURE OF WORK</p> <p><input checked="" type="checkbox"/> New well <input type="checkbox"/> Deepened <input type="checkbox"/> Replacement <input type="checkbox"/> Well diameter increase <input type="checkbox"/> Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)</p>	<p>8. WELL TEST DATA</p> <p><input type="checkbox"/> Pump <input checked="" type="checkbox"/> Bailor <input type="checkbox"/> Air <input type="checkbox"/> Other _____</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Discharge G.P.M.</th> <th>Pumping Level</th> <th>Hours Pumped</th> </tr> <tr> <td style="text-align: center;"><u>30</u></td> <td style="text-align: center;"><u>43</u></td> <td style="text-align: center;"><u>1/2</u></td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	Discharge G.P.M.	Pumping Level	Hours Pumped	<u>30</u>	<u>43</u>	<u>1/2</u>																																																																																								
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<p>6. LOCATION OF WELL</p> <p>Sketch map location must agree with written location.</p> <div style="border: 1px solid black; padding: 5px; width: fit-content;"> <p style="text-align: center;">N</p> <table border="1" style="width: 100%; height: 40px; border-collapse: collapse;"> <tr> <td style="width: 20px;">W</td> <td style="width: 20px;"> </td> <td style="width: 20px;"> </td> <td style="width: 20px;">E</td> </tr> <tr> <td> </td> <td style="text-align: center;">•</td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td style="text-align: center;">S</td> <td> </td> <td> </td> </tr> </table> <p>Subdivision Name _____ Lot No. _____ Block No. _____</p> </div> <p>County <u>CASSIA</u></p> <p><u>SW 1/4 NE 1/4 Sec. 7, T. 12 N, R. 25 E</u></p>	W			E		•								S			<p>11. DRILLERS CERTIFICATION <u>JR</u></p> <p>I/We certify that all minimum well construction standards were complied with at the time the rig was removed.</p> <p>Firm Name <u>WEECH WELL DRILLING</u> Firm No. <u>210</u> <u>632 E 42ND</u> Address <u>PUALEY, IDAHO 83318</u> Date <u>8/28/91</u> Signed by (Firm Official) <u>[Signature]</u> and (Operator) <u>SAME</u></p>																																																																														
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USE ADDITIONAL SHEETS IF NECESSARY - FORWARD THE WHITE COPY TO THE DEPARTMENT

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

RECEIVED
SEP 18 2008

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

1. WELL TAG NO. D D0050357
DRILLING PERMIT NO. 853114
Water Right or Injection Well No. appl. 905937

2. OWNER:
Name Rich Redman
Address 1057 South Hwy 77 / P. O. Box 14
City Albion State Idaho Zip 83311

3. LOCATION OF WELL by legal description:
You must provide address or Lot, Blk, Sub, or Directions to well.
Twp. 12 North or South
Rge. 25 East or West
Sec. 8 1/4 SE 1/4 NW 1/4
Gov't Lot _____ County Cassia
Lat: 42 : 23 : 830 Long: 113 : 33 : 894
Address of Well Site 930 South Hwy 77
City Albion
Lt. _____ Blk. _____ Sub. Name _____

4. USE:
 Domestic Municipal Monitor Irrigation
 Thermal Injection Other _____

5. TYPE OF WORK: (check all that apply)
 New Well Modify Abandonment Other _____

6. DRILL METHOD:
 Air Rotary Cable Mud Rotary Other _____

7. SEALING PROCEDURES:

Seal Material	From	To	WT/Volume	Seal Placement Method
Bentonite	0	22	300 lbs.	Over Bore / Dry Pour

Was drive shoe used? Y N Shoe Depth _____
Was drive shoe seal tested? Y N How? _____

8. CASING/LINER:

Dia.	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6	+2	80	.250	Steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Length of Headpipe _____ Length of Tailpipe _____
Packer Y N Type _____

9. PERFORATIONS/SCREENS PACKER TYPE:
Perforation Method _____ Holte _____

Screen Type & Method of Installation

From	To	Slot Size	Number	Dia.	Material	Casing	Liner
58	78	1 x 1/8	400	6	Steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>

10. FILTER PACK:

Filter Material	From	To	WT/Volume	Placement Method
N / A				

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
22 ft. below ground Artesian pressure _____ lb.
Depth flow encountered _____ ft.
Describe access port or control devices: Well Cap

12. WELL TESTS:
 Pump Bailor Air Flowing Artesian

Yield gal/min.	Drawdown	Pumping Level	Time
30+			1 1/2 Hours

Water Temp. < 85 Bottom hole temp. _____
Water Quality test comments: _____
Depth first Water Encountered 55

13. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore dia	From	To	Remarks: Lithology, Water Quality & Temperature	Water
8	0	2	Top Soil / Sandy Clay	
8	2	12	Sandy Clay w/ Boulders	
8	12	20	Broken Quartz w/ Sandy Clay	
8	20	22	Brown Sandy Clay	
6	22	55	Brown Sandy Clay	
6	55	80	Decomposed Broken Granite w/ Course Sand	X

Completed Depth 80 (Measurable)
Date: Started 9/3/2008 Completed 9/3/2008

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

Company Name APEX DRILLING LLC Firm No. 667
Principal Driller David B. Behm Date 9/3/08
and Driller or Operator II David B. Behm Date 9/3/08
Operator I Stan Poirier Date 9/3/08

Basin 45
App 873251
Per 784227

ID 355288

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

CA

Office Use Only		
Inspected by	Twp	Rge
	1/4	1/4
Lat.	Long.	

1. WELL TAG NO. D0023294
DRILLING PERMIT NO. _____
Other IDWR No. _____

2. OWNER:
Name Brandon Blackenbury
Address P.O. Box 544
City Albion State ID Zip 83311

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

	Twp. <u>12</u> North <input type="checkbox"/> or South <input checked="" type="checkbox"/>
	Rge. <u>25</u> East <input checked="" type="checkbox"/> or West <input type="checkbox"/>
	Sec. <u>7</u> 1/4 NE 1/4 SE 1/4
	Gov't Lot _____ County <u>Cassia</u> 15 acres 40 acres 160 acres
Lat. _____ Long. _____	
Address of Well Site <u>app. 950 S. 1050 E.</u> City <u>Albion</u>	
(Give at least name of road. Distance to Road or Landmark)	
Lt. _____ Blk. _____ Sub. Name _____	

4. USE:
 Domestic Municipal Monitor Irrigation
 Thermal Injection Other

5. TYPE OF WORK: check all that apply (Replacement, etc.)
 New Well Modify Abandonment Other

6. DRILL METHOD:
 Air Rotary Cable Mud Rotary Other

7. SEALING PROCEDURES:

Seal/Filter Pack	AMOUNT		METHOD
Material	From	To	Sacks or Pounds
bentonite	0	19	200 lbs. dry pour

Was drive shoe used? Y N Shoe Depth(s) _____
Was drive shoe seal tested? Y N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6"	+1	19	.250	steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5"	19	179	.188	steel	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Length of Headpipe 1' Length of Tailpipe _____

9. PERFORATIONS/SCREENS:
 Perforations Method air
 Screens Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
140	180	1/4		1"	steel	<input type="checkbox"/>	<input checked="" type="checkbox"/>

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
58 ft. below ground Artesian pressure _____ lb.
Depth flow encountered _____ ft. Describe access port or control devices: well cap

11. WELL TESTS:
 Pump Bailor Air Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
<u>20+</u>			

Water Temp. <85 Bottom hole temp. <85
Water Quality test or comments: _____
Depth first Water Encounter _____

12. LITHOLOGIC LOG: (Describe repairs or abandonment) Water

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
8"	0		6 top soil		
8"	6		19 decay granite		
6"	19		24 decay granite		
6"	24		39 decay granite & brown clay		
6"	39		47 medium hard decay & breaks	X	
6"	47		92 decay granite & clay		
6"	92		104 brown decay granite	X	
6"	104		147 decay granite & clay		
6"	147		180 decay granite & breaks	X	

RECEIVED
SEP 10 2002
Department of Water Resources
Southern Region

Completed Depth 180' (Measurable)
Date: Started 8/23/2002 Completed 8/23/2002

13. DRILLER'S CERTIFICATION:
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.
Company Name Eaton Drilling & pump Service, Inc. Firm No. 26
Firm Official [Signature] Date 8/24/2002
and
Driller or Operator [Signature] Date 8/24/2002
(Sign once if Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

AD

1. WELL TAG NO. D 000 705 93
Drilling Permit No. 877570

Water right or injection well # _____

2. OWNER: Le Roy Robin Son

Name _____

Address 1170 E 810 S

City Albion State ID Zip 83311

3. WELL LOCATION:

Twp. 12 North or South Rge. 25 East or West

Sec. 6 10 acres 1/4 40 acres NE 1/4 160 acres SE 1/4

Gov't Lot _____ County _____

Lat. _____ ° 42 24.395 (Deg. and Decimal minutes)

Long. _____ ° 113 24.229 (Deg. and Decimal minutes)

Address of Well Site 893 S hwy 77

City Albion

Lot. _____ Blk. _____ Sub. Name _____

4. USE:

Domestic Municipal Monitor Irrigation Thermal Injection
 Other _____

5. TYPE OF WORK:

New well Replacement well Modify existing well
 Abandonment Other _____

6. DRILL METHOD:

Air Rotary Mud Rotary Cable Other _____

7. SEALING PROCEDURES:

Seal material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method/procedure
Bentonite	0	38	3 tons	Pour

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing	Liner	Threaded	Welded
12"	0	180	250	Steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
10"	178	370	250	Steel	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Was drive shoe used? Y N Shoe Depth(s) 180 - 370

9. PERFORATIONS/SCREENS:

Perforations Y N Method Touch

Manufactured screen Y N Type _____

Method of installation _____

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
340	370	1/4	200			

Length of Headpipe _____ Length of Tailpipe _____

Packer Y N Type _____

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method

11. FLOWING ARTESIAN:

Flowing Artesian? Y N Artesian Pressure (PSIG) _____

Describe control device _____

12. STATIC WATER LEVEL and WELL TESTS:

Depth first water encountered (ft) 12' Static water level (ft) 18'

Water temp. (°F) 59 Bottom hole temp. (°F) _____

Describe access port _____

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)

Test method:

Pump Bailor Air Flowing artesian

Water quality test or comments: _____

13. LITHOLOGIC LOG and/or repairs or abandonment:

Bore Dia. (in)	From (ft)	To (ft)	Remarks, lithology or description of repairs or abandonment, water temp.	Water	
				Y	N
16	0	9	TOP SO. 1		
	9	32	Boulders	X	
	32	44	Tan Clay		
	44	54	Brown Clay Gravel mix		
	54	105	Black " " " " "		
	105	165	Tan "		
	165	183	Quartz Gravel	X	
	183	215	Hard Grey Clay		
	215	260	Brown Clay Gravel	X	
	260	340	Grey Clay Gravel	X	
	340	370	Quartz Gravel	X	

RECEIVED

AUG 29 2016

DEPT OF WATER RESOURCES
SOUTHERN REGION

4 71570

Completed Depth (Measurable): _____

Date Started: Dec 20 Date Completed: 5-10-16

14. DRILLER'S CERTIFICATION:

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

Company Name Chesley Drilling Co. No. 4128

*Principal Driller Troy Chesley Date _____

*Driller Tom Chesley Date _____

*Operator I _____ Date _____

Operator II _____ Date _____

Operator I _____ Date _____

* Signature of Principal Driller and rig operator are required.

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

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

1. WELL TAG NO. D 00 44518
 DRILLING PERMIT NO. 847449
 Water Right or Injection Well No. 45-2296
 2. OWNER: Appl. 900584
 Name LEROY ROBERTSON
 Address 1170 E 8105
 City ALBION State ID Zip 83311

12. WELL TESTS:
 Pump Bailor Air Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
100	5'	36'	1 Hr

3. LOCATION OF WELL by legal description:
 You must provide address or Lot, Blk, Sub. or Directions to well.
 Twp. 12 North or South
 Rge. 25 East or West
 Sec. 5 1/4 SE 1/4 SW 1/4
 Gov't Lot _____
 County CASSIA
 Lat: _____ Long: _____
 Address of Well Site 18 1/2 W City Albion

Water Temp. 53° Bottom hole temp. Some
 Water Quality test or comments: Good

4. USE:
 Domestic Municipal Monitor Irrigation
 Thermal Injection Other _____

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

6. DRILL METHOD:
 Air Rotary Cable Mud Rotary Other _____

7. SEALING PROCEDURES

Seal Material	From	To	Weight / Volume	Seal Placement Method
<u>Bentonite</u>	<u>0</u>	<u>35</u>	<u>3m</u>	<u>Overhaul 16"</u>

Was drive shoe used? Y N Shoe Depth(s) 237
 Was drive shoe seal tested? Y N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
<u>12"</u>	<u>11</u>	<u>237</u>	<u>14</u>	<u>Steel</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<u>10"</u>	<u>225</u>	<u>330</u>	<u>14</u>	<u>Steel</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Length of Headpipe 23' Length of Tailpipe _____
 Packer Y N Type _____

9. PERFORATIONS/SCREENS PACKER TYPE

Perforation Method Torch - 1/4" X 7"
 Screen Type & Method of Installation _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
<u>12"</u>	<u>42</u>	<u>237</u>	<u>1/4"</u>	<u>600</u>	<u>1/4" Steel</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<u>10"</u>	<u>225</u>	<u>330</u>	<u>1/4"</u>	<u>350</u>	<u>1/4"</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

10. FILTER PACK None

Filter Material	From	To	Weight / Volume	Placement Method

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

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

13. LITHOLOGIC LOG: (Describe repairs or abandonment) Water

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
	0	4	top soil brown		
	4	30	baulhus large burl		
	30	40	packed gray sand		
	40	74	brown sand		
	74	95	brown sand		
	95	115	straps of security		
	115	137	brown sandy clay		
	137	160	black gravel layer		
	160	210	gray clay strips		
	210	235	gray sandstone		
	235	255	brown sandy clay		
	255	330	white sand & strips of burl		

RECEIVED
 DEC 11 2007
 DEPT. OF WATER RESOURCES
 SOUTHERN REGION

Completed Depth 330 (Measurable)
 Date: Started 9-15-07 Completed 11-12-07

14. DRILLER'S CERTIFICATION

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

Company Name Chesley Drilling Firm No. 428
 Principal Driller Bee Chesley Date 11-20-07
 and Driller or Operator II Troy Chesley Date 11-20-07
 Operator I David Chesley Date 11-20-07
 Principal Driller and Rig Operator Required.
 Operator I must have signature of Driller/Operator II.

FORWARD WHITE COPY TO WATER RESOURCES.

REPORT OF WELL DRILLER
State of Idaho

State law requires that this report shall be filed with the State Reclamation Engineer within 30 days after completion or abandonment of the well.

WELL OWNER:
Name Robert Adams
Address Albion, Idaho

Owner's Permit No. _____
NATURE OF WORK (check): Replacement well
New well Deepened Abandoned
Water is to be used for: domestic use
METHOD OF CONSTRUCTION: Rotary Cable Dug Other _____ (explain)

CASING SCHEDULE: Threaded _____ Welded
0" Diam. from 0 ft. to 40 ft.
"Diam. from _____ ft. to _____ ft.
"Diam. from _____ ft. to _____ ft.
"Diam. from _____ ft. to _____ ft.
Thickness of casing: 1/8" Material:
Steel concrete wood other

(explain)
PERFORATED? Yes No Type of perforator used: _____

Size of perforations: _____ " by _____"
perforations from _____ ft. to _____ ft.
perforations from _____ ft. to _____ ft.
perforations from _____ ft. to _____ ft.
perforations from _____ ft. to _____ ft.

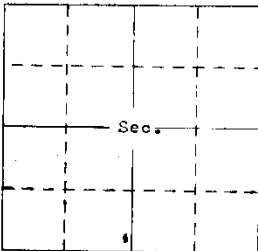
WAS SCREEN INSTALLED? Yes No
Manufacturer's name _____
Type _____ Model No. _____
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

CONSTRUCTION: Well gravel packed? Yes No size of gravel _____ Gravel placed from _____ ft. to _____ ft. Surface seal provided? Yes No To what depth? _____ ft. Material used in seal: _____

Did any strata contain unusable water? Yes No Type of water: _____
Depth of strata _____ ft. Method of sealing strata off: _____

Surface casing used? Yes No
Cemented in place? Yes No

Locate well in section



LOCATION OF WELL: County CASSIA
SE 1/4 SW 1/4 Sec. 6 T. 12 S. R. 25 E

Size of drilled hole: 6" Total depth of well: 70 ft. Standing water level below ground: 4 ft. Temp. Fahr. _____ ° Test delivery: 1000 gpm or _____ cfs Pump? Bail
Size of pump and motor used to make test: 4 hp - 1/2 c
Length of time of test: _____ Hrs. _____ Min.
Drawdown: 16 ft. Artesian pressure: _____ ft. above land surface Give flow _____ cfs or _____ gpm. Shutoff pressure: _____
Controlled by: Valve Cap Plug No control Does well leak around casing? Yes No

DEPTH		MATERIAL	WATER
FROM	TO	038348	YES OR NO
FEET FEET			
		Started in Hand Dug	
		Well 14 ft Deep	
14	24	Heavy Lime Stone Board	
24	40	White Sand	Yes
40	65	Blueish sand shale	Yes
65	77	Black Br. Sand shale	

Work started: April 21-65
Work finished: 4-22-65
Well Driller's Statement: This well was drilled under my supervision and this report is true to the best of my knowledge.
Name: L. N. BARRUS
Address: Basalt, Idaho
Signed by: L. N. Barrus
License No. 165 - Date: _____

USGS

Use other side for additional remarks

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT
053793

Office Use Only
Inspected by _____
Twp _____ Rge _____ Sec _____
1/4 _____ 1/4 _____ 1/4 _____
Lat: _____ Long: _____

1. WELL TAG NO. D 000 8197
DRILLING PERMIT NO. 45-99-S-0624-000
Other IDWR No. _____

2. OWNER:
Name KJEL NEILSON
Address 955 E 470 S
City DEITRICH IDAHO State _____ Zip 83324

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.

N					
S					

Twp. 12 North or South
Rge. 25 East or West
Sec. 6 1/4 SE 1/4 SW 1/4
Gov't Lot _____ County CASSIA
Lat: _____ Long: _____

Address of Well Site 1075 E900 S
City ALBION
(Give at least name of road + Distance to Road or Landmark)

Lt. _____ Blk. _____ Sub. Name _____

4. USE:

- Domestic Municipal Monitor Irrigation
 Thermal Injection Other _____

5. TYPE OF WORK check all that apply (Replacement etc.)

- New Well Modify Abandonment Other _____

6. DRILL METHOD

- Air Rotary Cable Mud Rotary Other _____

7. SEALING PROCEDURES

SEAL/FILTER PACK	AMOUNT		METHOD
	Material	From To Sacks or Pounds	
cement	22	6 11	overbore
bentonite	6	0 5	"

Was drive shoe used? Y N Shoe Depth(s) _____
Was drive shoe seal tested? Y N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
65/8	1.5	100	250	steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS

Perforations Method none
Screens Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
						<input type="checkbox"/>	<input type="checkbox"/>

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

40 ft. below ground Artesian pressure _____ lb.
Depth flow encountered 89 ft. Describe access port or control devices: through top of well cap

11. WELL TESTS:

- Pump Bailor Air Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
25	10	50	3 hrs

Water Temp. _____ Bottom hole temp. _____

Water Quality test or comments: _____

Depth first Water Encounter _____

12. LITHOLOGIC LOG: (Describe repairs or abandonment) Water

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
	0	6	topsoil & black mudd		
	6	20	large gravel & clay		
	6	20	clay & gravel		
	33	89	brown clay		
	89	110	sand & small gravel	x	

RECEIVED
JUN 30 1999
Department of Water Resources
Southern Region

RECEIVED MICROFILMED
JUL 12 1999
Department of Water Resources

Completed Depth 107 (Measurable)
Date: Started 6-7-99 Completed 7-9-99

13. DRILLER'S CERTIFICATION

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

Company Name COUCH WELL DRILLING INC No. 161

Firm Official Sherran [Signature] 6-13-99

and

Driller or Operator Scott [Signature]

(Sign once if Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

USE TYPEWRITER OR
BALLPOINT PEN

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

<p>1. WELL OWNER</p> <p>Name <u>Dee Yeaman</u></p> <p>Address <u>Albion Idaho</u></p> <p>Owner's Permit No. _____</p>	<p>7. WATER LEVEL</p> <p>Static water level <u>20</u> feet below land surface.</p> <p>Flowing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No G.P.M. flow _____</p> <p>Artesian closed-in pressure _____ p.s.i.</p> <p>Controlled by: <input type="checkbox"/> Valve <input type="checkbox"/> Cap <input type="checkbox"/> Plug</p> <p>Temperature <u>Normal</u> F. Quality <u>good</u></p> <p><small>Describe artesian or temperature zones below</small></p>																																														
<p>2. NATURE OF WORK</p> <p><input checked="" type="checkbox"/> New well <input type="checkbox"/> Deepened <input type="checkbox"/> Replacement</p> <p><input type="checkbox"/> Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)</p>	<p>8. WELL TEST DATA</p> <p><input type="checkbox"/> Pump <input checked="" type="checkbox"/> Bailor <input type="checkbox"/> Air <input type="checkbox"/> Other _____</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Discharge G.P.M.</th> <th>Pumping Level</th> <th>Hours Pumped</th> </tr> <tr> <td><u>25+</u></td> <td><u>30'</u></td> <td><u>1 hr</u></td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	Discharge G.P.M.	Pumping Level	Hours Pumped	<u>25+</u>	<u>30'</u>	<u>1 hr</u>																																								
Discharge G.P.M.	Pumping Level	Hours Pumped																																													
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<p>3. PROPOSED USE</p> <p><input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Irrigation <input type="checkbox"/> Test <input type="checkbox"/> Municipal</p> <p><input type="checkbox"/> Industrial <input type="checkbox"/> Stock <input type="checkbox"/> Waste Disposal or Injection</p> <p><input type="checkbox"/> Other _____ (specify type)</p>	<p>9. LITHOLOGIC LOG</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Bore Diam.</th> <th colspan="2">Depth</th> <th rowspan="2">Material</th> <th colspan="2">Water</th> </tr> <tr> <th>From</th> <th>To</th> <th>Yes</th> <th>No</th> </tr> </thead> <tbody> <tr> <td>8</td> <td>0</td> <td>1</td> <td>Top soil</td> <td> </td> <td> </td> </tr> <tr> <td>8</td> <td>1</td> <td>5</td> <td>Boulders, cobbles, & gravel</td> <td> </td> <td> </td> </tr> <tr> <td>8</td> <td>5</td> <td>21</td> <td>Boulders, cobbles, & gravel</td> <td> </td> <td> </td> </tr> <tr> <td>6</td> <td>21</td> <td>58</td> <td>Brown clay</td> <td> </td> <td> </td> </tr> <tr> <td>6</td> <td>58</td> <td>97</td> <td>Soft brown sandstone</td> <td> </td> <td> </td> </tr> <tr> <td>6</td> <td>97</td> <td>125</td> <td>Hard packed white sand - 10% coarse</td> <td> </td> <td> </td> </tr> </tbody> </table>	Bore Diam.	Depth		Material	Water		From	To	Yes	No	8	0	1	Top soil			8	1	5	Boulders, cobbles, & gravel			8	5	21	Boulders, cobbles, & gravel			6	21	58	Brown clay			6	58	97	Soft brown sandstone			6	97	125	Hard packed white sand - 10% coarse		
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<p>6. LOCATION OF WELL</p> <p>Sketch map location must agree with written location</p> <p>Subdivision _____ Lot No. _____ Block No. _____</p> <p>County <u>Cassia</u></p> <p><u>SE</u> 1/4 <u>SW</u> 1/4 Sec. <u>6</u> T. <u>12</u> S. R. <u>25</u> E.</p>	<p>11. DRILLERS CERTIFICATION</p> <p>MICROFILMED</p> <p>MAR 14 1988</p>																																														

USE ADDITIONAL SHEETS IF NECESSARY — FORWARD THE WHITE COPY TO THE DEPARTMENT

REPORT OF WELL DRILLER
State of Idaho

RECEIVED

State law requires that this report shall be filed with the State Reclamation Engineer within 30 days after completion or abandonment of the well.

WELL OWNER: Crystal Yeaman
Name Crystal Yeaman
Address Boise, Idaho

Size of drilled hole: 10" to 20" total
depth of well: 143 Standing water
level below ground: 23 Temp.
Fahr. Normal Test delivery: 25 gpm
or cfs Pump? Bail

Owner's Permit No. _____
NATURE OF WORK (check): Replacement well
New well Deepened Abandoned
Water is to be used for: Domestic
METHOD OF CONSTRUCTION: Rotary Cable
Dug Other _____

Size of pump and motor used to make test:
Length of time of test: _____ Hrs. 30 Min.
Drawdown: 8 ft. Artesian pressure: _____ ft.
above land surface Give flow _____ cfs
or _____ gpm. Shutoff pressure: _____
Controlled by: Valve Cap Plug
No control Does well leak around casing?
Yes No

(explain)
CASING SCHEDULE: Threaded _____ Welded
6 3/8" Diam. from 1 ft. to 83 ft.
"Diam. from _____ ft. to _____ ft.
"Diam. from _____ ft. to _____ ft.
"Diam. from _____ ft. to _____ ft.
Thickness of casing: .250" Material:
Steel concrete wood other

DEPTH MATERIAL 038346 WATER

FROM FEET	TO FEET	MATERIAL	WATER YES OR NO
0	2	Top soil	no
2	20	shales, packed	yes
20	30	sand & gravel	yes
30	39	brown clay	no
39	48	brown sandy clay	no
48	57	course packed	yes
57	143	soft brown sandstone	yes
		gray packed sand or light sandstone	yes

(explain)
PERFORATED? Yes No Type of perforator used: mills knife

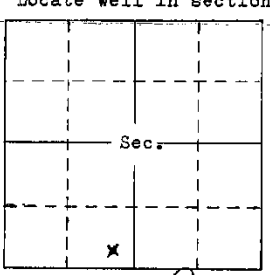
Size of perforations: 3/8" by 2"
3 perforations from 43 ft. to 45 ft.
perforations from _____ ft. to _____ ft.
perforations from _____ ft. to _____ ft.
perforations from _____ ft. to _____ ft.

WAS SCREEN INSTALLED? Yes No
Manufacturer's name _____
Type _____ Model No. _____
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

CONSTRUCTION: Well gravel packed? Yes
No. size of gravel _____ Gravel placed from _____ ft. to _____ ft. Surface seal provided? Yes No To what depth? 20 ft. Material used in seal: clay and bentonite

Did any strata contain unusable water? Yes
No. Type of water: _____
Depth of strata _____ ft. Method of sealing strata off: _____

Surface casing used? Yes No
Cemented in place? Yes No



LOCATION OF WELL: County Blaine
S.E. 1/4 SW 1/4 Sec. 6 T. 12 N. R. 25 E.

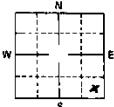
Work started: About Sept. 1968
Work finished: February 14, 1969
Well Driller's Statement: This well was drilled under my supervision and this report is true to the best of my knowledge.
Name: Keith Mac Kenzie
Address: Boise, Idaho 83750
Signed by: Keith Mac Kenzie
License No. 37 Date: 2-22-69

Use other side for additional remarks

45

WELL DRILLER'S REPORT

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

<p>1. WELL OWNER</p> <p>Name <u>Van Cunningham</u> Address <u>PO. Box 534 Albion Id</u> Drilling Permit No. <u>43-94-S-0027-000</u> Water Right Permit No. _____</p>	<p>7. WATER LEVEL</p> <p>Static water level <u>27</u> feet below land surface. Flowing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No G.P.M. flow _____ Artesian closed-in pressure _____ p.s.i. Controlled by: <input type="checkbox"/> Valve <input type="checkbox"/> Cap <input type="checkbox"/> Plug Temperature <u>52</u> °F. Quality <u>not tested</u> <small>Describe artesian or temperature zones below.</small></p>																																																																																		
<p>2. NATURE OF WORK</p> <p><input checked="" type="checkbox"/> New well <input type="checkbox"/> Deepened <input type="checkbox"/> Replacement <input type="checkbox"/> Well diameter increase <input type="checkbox"/> Modification <input type="checkbox"/> Abandoned (describe abandonment or modification procedures such as liners, screen, materials, plug depths, etc. in lithologic log, section 9.)</p>	<p>8. WELL TEST DATA</p> <p><input type="checkbox"/> Pump <input checked="" type="checkbox"/> Bailor <input type="checkbox"/> Air <input type="checkbox"/> Other _____</p> <table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <tr> <th>Discharge G.P.M.</th> <th>Pumping Level</th> <th>Hours Pumped</th> </tr> <tr> <td><u>25</u></td> <td><u>32</u></td> <td><u>1/2</u></td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	Discharge G.P.M.	Pumping Level	Hours Pumped	<u>25</u>	<u>32</u>	<u>1/2</u>																																																																												
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IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Use Typewriter or Ballpoint Pen

Office Use Only		
Inspected by _____		
Twp _____ Rge _____ Sec _____		
1/4 _____ 1/4 _____ 1/4 _____		
Lat: : : Long: : :		

060813

1. DRILLING PERMIT NO. 0000 2380
Other IDWR No. 45-98-S-0011-000

2. OWNER:
Name Jalen Erickson
Address 386 S.M
City Albion State TD Zip 83311

11. WELL TESTS:
 Pump Bailer Air Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
<u>15</u>	<u>10'</u>	<u>24'</u>	<u>1 Hr</u>

Water Temp. 54° Bottom hole temp. _____
Water Quality test or comments: _____

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

N	
W	E
S	

Twp. 12S North or South
Rge. 25E East or West
Sec. 6 1/4 SE 1/4 SE
Gov't Lot _____ County CASSIA
Lat: _____ Long: _____
Address of Well Site 718E Albion
City _____
(Give at least name of road + distance to Road or Landmark)

Lt. _____ Blk. _____ Sub. Name _____

4. USE:
 Domestic Municipal Monitor Irrigation
 Thermal Injection Other _____
5. TYPE OF WORK check all that apply (Replacement etc.)
 New Well Modify Abandonment Other _____
6. DRILL METHOD
 Air Rotary Cable Mud Rotary Other _____

7. SEALING PROCEDURES

SEAL/FILTER PACK			AMOUNT	METHOD
Material	From	To	Sacks or Pounds	
<u>Drumbe</u>	<u>0</u>	<u>20</u>		<u>Backed Clay</u>

Was drive shoe used? N Shoe Depth(s) _____
Was drive shoe seal tested? N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
<u>8 5/8 +1</u>	<u>100</u>	<u>114</u>	<u>STEEL</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS
 Perforations Method Torch
 Screens Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
<u>90</u>	<u>94</u>		<u>40</u>	<u>5/16</u>	<u>STEEL</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

(5/16x6")

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
14 ft. below ground Artesian pressure _____ lb.
Depth flow encountered _____ ft. Describe access port or control devices: _____

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Water	Y	N
<u>8</u>	<u>0</u>	<u>3</u>	<u>top soil</u>			
<u>8</u>	<u>3</u>	<u>14</u>	<u>Cobbles & Boulders</u>			
<u>8</u>	<u>14</u>	<u>43</u>	<u>TAN CLAY</u>			
<u>8</u>	<u>43</u>	<u>59</u>	<u>BLACK SAND</u>	<input checked="" type="checkbox"/>		
<u>8</u>	<u>59</u>	<u>88</u>	<u>Sand & Clay</u>			
<u>8</u>	<u>88</u>	<u>100</u>	<u>Sand & Gravel</u>	<input checked="" type="checkbox"/>		

RECEIVED
APR 14 1998
Department of Water Resources
Southern Region
RECEIVED
APR 20 1998
MICROFILMED
Department of Water Resources

Completed Depth 105 (Measurable)
Date: Started 3-2-98 Completed 3-14-98

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

Firm Name Chesley Drilling Firm No. 428
Firm Official Bruce Chesley Date 3-16-98
and
Supervisor or Operator Tommy Chesley Date 3-16-98
(Sign once if Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES

048037

RECORDED
OCT 29 1964

WELL LOG AND REPORT OF THE
STATE RECLAMATION ENGINEER OF IDAHO Department of Reclamation

Permit No. _____ Well No. _____ County Cassia
 Owner August Heisel
 Address Albion, Idaho
 Driller Keith Mac Kenzie
 Address Rupert, Idaho

Locate well in section

NW 1/4	NE 1/4
SW 1/4	SE 1/4
	X

Well location SW 1/4 SE 1/4 Sec. 6, T. 12 N/S, R. 25 E/W
 Size of drilled hole 6" (drilled in hand dug well)
 Total depth of well 105'

Give depth to standing water from the ground 27' Water temp normal Fahr.

On "Pumping Test" delivery was _____ g.p.m. or _____ c.f.s. Drawdown was _____ feet.

Size of pump and motor used to make test _____

Length of time of test _____ hours _____ minutes.

If flowing well, give flow _____ c.f.s. or _____ g.p.m. and of shut off pressure _____

If flowing well, described control works _____

(TYPE AND SIZE OF VALVE, ETC.)

Water will be used for domestic use Weight of casing per lineal foot 13 lbs.

Thickness of casing .188 Casing material steel
 (STEEL, CONCRETE, WOOD, ETC.)

Diameter, length and location of casing 6 1/4" I.D. from 1' below ground to 105' below ground.
 (CASING 2" IN DIAMETER OR LESS, GIVE INSIDE DIAMETER;
 CASING OVER 2" IN DIAMETER, GIVE OUTSIDE DIAMETER)

CASING RECORD

Diam. Casing	From Feet	To Feet	Length	Remarks—seals, grouting, etc.
<u>6 3/8 OD</u>	<u>1'</u>	<u>105'</u>	<u>104'</u>	

Number and size of perforations 6-3/8" x 2" located 20 feet to 25 feet from ground

12-3/8" x 2" 37 48

28-3/8" x 2" 72 103

Date of commencement of well Oct. 6, 1964 Date of completion of well Oct. 9, 1964

SWSE S. 4 125.2 SE

well

WELL LOG

From Feet	To Feet	Type of Material	Water-bearing Formation Ans. Yes or No	Casing Perforated Ans. Yes or No
20	25	boulders	yes	yes
25	35	red-brown clay	no	no
35	37	packed sand	yes	no
37	48	brown sandy clay + cobbles	no	no
48	70	packed sand + cobbles	no	no
70	82	gray sand and a little gravel	yes	yes
82	84	gray sandy clay	no	no
84	105	light gray packed sand	yes	yes

If more space is required use Sheet No. 2

WELL DRILLER'S STATEMENT

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

Signed Keith Mantzger
By _____

Dated October 15, 1964

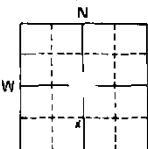
License No. 195

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

USE TYPEWRITER OR
BALLPOINT PEN

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

95

<p>1. WELL OWNER</p> <p>Name <u>Jay Neilson</u></p> <p>Address <u>PO Box 844 McCall Idaho 83438</u></p> <p>Owner's Permit No. <u>45-88-5-012</u> ^{OH} <u>45-7302</u></p>	<p>7. WATER LEVEL</p> <p>Static water level <u>33</u> feet below land surface.</p> <p>Flowing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No G.P.M. flow _____</p> <p>Artesian closed-in pressure _____ p.s.i.</p> <p>Controlled by: <input type="checkbox"/> Valve <input type="checkbox"/> Cap <input type="checkbox"/> Plug</p> <p>Temperature <u>48</u> OF. Quality <u>good</u></p> <p><i>Describe artesian or temperature zones below.</i></p>																																												
<p>2. NATURE OF WORK</p> <p><input type="checkbox"/> New well <input checked="" type="checkbox"/> Deepened <input type="checkbox"/> Replacement</p> <p><input type="checkbox"/> Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)</p>	<p>8. WELL TEST DATA</p> <p><input type="checkbox"/> Pump <input checked="" type="checkbox"/> Baller <input type="checkbox"/> Air <input type="checkbox"/> Other <u>Dot Test</u></p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Discharge G.P.M.</th> <th>Pumping Level</th> <th>Hours Pumped</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	Discharge G.P.M.	Pumping Level	Hours Pumped																																									
Discharge G.P.M.	Pumping Level	Hours Pumped																																											
<p>3. PROPOSED USE</p> <p><input type="checkbox"/> Domestic <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Test <input type="checkbox"/> Municipal</p> <p><input type="checkbox"/> Industrial <input type="checkbox"/> Stock <input type="checkbox"/> Waste Disposal or Injection</p> <p><input type="checkbox"/> Other _____ (specify type)</p>	<p>9. LITHOLOGIC LOG</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Bore Diam.</th> <th colspan="2">Depth</th> <th rowspan="2">Material</th> <th colspan="2">Water</th> </tr> <tr> <th>From</th> <th>To</th> <th>Yes</th> <th>No</th> </tr> </thead> <tbody> <tr> <td>12</td> <td>110</td> <td>123</td> <td>SOFT clay & sand (fill)</td> <td>✓</td> <td> </td> </tr> <tr> <td>10</td> <td>123</td> <td>131</td> <td>Brown shaly clay</td> <td>✓</td> <td> </td> </tr> <tr> <td rowspan="2">10</td> <td>131</td> <td>230</td> <td>SOFT sandstone</td> <td>✓</td> <td> </td> </tr> <tr> <td>230</td> <td>270</td> <td>Packed sand</td> <td>✓</td> <td> </td> </tr> <tr> <td rowspan="2">10</td> <td>270</td> <td>368</td> <td>Packed sand - 5" course</td> <td>✓</td> <td> </td> </tr> <tr> <td>368</td> <td>375</td> <td>SOFT sandstone</td> <td>✓</td> <td> </td> </tr> </tbody> </table>	Bore Diam.	Depth		Material	Water		From	To	Yes	No	12	110	123	SOFT clay & sand (fill)	✓		10	123	131	Brown shaly clay	✓		10	131	230	SOFT sandstone	✓		230	270	Packed sand	✓		10	270	368	Packed sand - 5" course	✓		368	375	SOFT sandstone	✓	
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10	270	368	Packed sand - 5" course	✓																																									
	368	375	SOFT sandstone	✓																																									
<p>4. METHOD DRILLED</p> <p><input type="checkbox"/> Rotary <input type="checkbox"/> Air <input type="checkbox"/> Hydraulic <input type="checkbox"/> Reverse rotary</p> <p><input checked="" type="checkbox"/> Cable <input type="checkbox"/> Dug <input type="checkbox"/> Other _____</p>	<p style="text-align: center; font-size: 2em; opacity: 0.5;">RECORDED</p> <p style="text-align: center;">APR 26 1988</p> <p style="text-align: center;">Department of Water Resources</p>																																												
<p>5. WELL CONSTRUCTION <u>Didn't install any additional casing</u></p> <p>Casing schedule: <input type="checkbox"/> Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other _____</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Thickness</th> <th>Diameter</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>_____ inches</td> <td>_____ inches</td> <td>_____ feet</td> <td>_____ feet</td> </tr> <tr> <td>_____ inches</td> <td>_____ inches</td> <td>_____ feet</td> <td>_____ feet</td> </tr> <tr> <td>_____ inches</td> <td>_____ inches</td> <td>_____ feet</td> <td>_____ feet</td> </tr> <tr> <td>_____ inches</td> <td>_____ inches</td> <td>_____ feet</td> <td>_____ feet</td> </tr> </tbody> </table> <p>Was casing drive shoe used? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Was a packer or seal used? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>How perforated? <input type="checkbox"/> Factory <input type="checkbox"/> Knife <input type="checkbox"/> Torch</p> <p>Size of perforation _____ inches by _____ inches</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Number</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>_____ perforations</td> <td>_____ feet</td> <td>_____ feet</td> </tr> <tr> <td>_____ perforations</td> <td>_____ feet</td> <td>_____ feet</td> </tr> <tr> <td>_____ perforations</td> <td>_____ feet</td> <td>_____ feet</td> </tr> </tbody> </table> <p>Well screen installed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Manufacturer's name _____</p> <p>Type _____ Model No. _____</p> <p>Diameter _____ Slot size _____ Set from _____ feet to _____ feet</p> <p>Diameter _____ Slot size _____ Set from _____ feet to _____ feet</p> <p>Gravel packed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Size of gravel _____</p> <p>Placed from _____ feet to _____ feet</p> <p>Surface seal depth _____ Material used in seal: <input type="checkbox"/> Cement grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Puddling clay <input type="checkbox"/> _____</p> <p>Sealing procedure used: <input type="checkbox"/> Slurry pit <input type="checkbox"/> Temp. surface casing <input type="checkbox"/> Overbore to seal depth</p> <p>Method of joining casing: <input type="checkbox"/> Threaded <input type="checkbox"/> Welded <input type="checkbox"/> Solvent Weld <input type="checkbox"/> Cemented between strata</p> <p>Describe access port _____</p>	Thickness	Diameter	From	To	_____ inches	_____ inches	_____ feet	_____ feet	_____ inches	_____ inches	_____ feet	_____ feet	_____ inches	_____ inches	_____ feet	_____ feet	_____ inches	_____ inches	_____ feet	_____ feet	Number	From	To	_____ perforations	_____ feet	_____ feet	_____ perforations	_____ feet	_____ feet	_____ perforations	_____ feet	_____ feet	<p>10.</p> <p>Work started <u>3/23/88</u> finished <u>4/7/88</u></p>												
Thickness	Diameter	From	To																																										
_____ inches	_____ inches	_____ feet	_____ feet																																										
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<p>6. LOCATION OF WELL</p> <p>Sketch map location <u>must</u> agree with written location.</p> <div style="text-align: center;">  </div> <p>Subdivision Name <u>MICROFILMED</u></p> <p>Lot No. _____ Block No. _____</p> <p>County <u>Cassia</u></p> <p><u>SE 1/4 Sec. 6 T. 12S R. 25 E</u></p>	<p>11. DRILLERS CERTIFICATION</p> <p>I/We certify that all minimum well construction standards were complied with at the time the rig was removed.</p> <p>Firm Name <u>MacKenzie Well Dr.</u> Firm No. <u>37</u></p> <p>Address <u>Box 43 Albion, ID</u> Date <u>4/14/88</u></p> <p>Signed by (Firm Official) <u>Tom MacKenzie</u></p> <p>and _____</p> <p>(Operator)</p>																																												

USE ADDITIONAL SHEETS IF NECESSARY - FORWARD THE WHITE COPY TO THE DEPARTMENT

Form 238-7
11/97

Born 45
Per 765628
App 862867

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

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

1. WELL TAG NO. D 000 ~~8948~~ 8948

DRILLING PERMIT NO. _____

Other IDWR No. _____

2. OWNER: REN CAHOON
Name REN CAHOON
Address 116 N. Main
City Rupert State ID Zip 83350

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.

N W E S		Twp. <u>12</u> North <input type="checkbox"/> or South <input checked="" type="checkbox"/>
		Rge. <u>25</u> East <input checked="" type="checkbox"/> or West <input type="checkbox"/>
		Sec. <u>6</u> 1/4 SE 1/4 SW 1/4
		Gov't Lot _____ County <u>CASSIA</u>
		Lat: _____ Long: _____

Address of Well Site 24th S.
LDS Church City ALBION
(Give at least name of road - Distance to Road or Landmark)

Lt. _____ Blk. _____ Sub. Name _____

4. USE:
 Domestic Municipal Monitor Irrigation
 Thermal Injection Other

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

6. DRILL METHOD
 Air Rotary Cable Mud Rotary Other

7. SEALING PROCEDURES

SEAL/FILTER PACK	AMOUNT		METHOD
Material	From	To	Sacks or Pounds
<u>Bentont</u>	<u>0</u>	<u>20</u>	<u>200#</u>

Was drive shoe used? N. Shoe Depth(s) _____
Was drive shoe seal tested? Y N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
<u>6</u>	<u>1</u>	<u>100</u>	<u>44</u>	<u>Steel</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS
Perforations Method Torch
Screens Screen Type 516 X 5"

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
<u>90</u>	<u>100</u>	<u>36</u>	<u>36</u>	<u>1/2"</u>	<u>Steel</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
45 ft. below ground Artesian pressure _____ lb.
Depth flow encountered _____ ft. Describe access port or control devices: _____

11. WELL TESTS:

<input checked="" type="checkbox"/> Pump	<input type="checkbox"/> Bailor	<input type="checkbox"/> Air	<input type="checkbox"/> Flowing Artesian
Yield gal./min.	Drawdown	Pumping Level	Time
<u>20</u>	<u>-0-</u>	<u>45'</u>	<u>2 Hr</u>

Water Temp. 50° Bottom hole temp. None
Water Quality test or comments: _____

12. LITHOLOGIC LOG: (Describe repairs or abandonment) Water

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
<u>6</u>	<u>0</u>	<u>3</u>	<u>top soil</u>		
<u>6</u>	<u>3</u>	<u>25</u>	<u>Sand + gravel</u>		
<u>6</u>	<u>25</u>	<u>30</u>	<u>Blue clay + mica</u>		
<u>6</u>	<u>30</u>	<u>100</u>	<u>Coarse sand white</u>		<input checked="" type="checkbox"/>

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Southern Region

RECEIVED
AUG 15 2000
Department of Water Resources

Completed Depth 100' (Measurable)
Date: Started 7-22-00 Completed 7-27-00

13. DRILLER'S CERTIFICATION
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.
Company Name Chubby Dulling Firm No. 428
Firm Official Bill Chubby Date 7-27-00
and
Driller or Operator David Chubby Date 7-27-00
(Sign once if Firm Official & Operator)

RECEIVED
USE TYPEWRITER OR BALL POINT PEN

State of Idaho
Department of Water Resources

RECEIVED

JUL 17 1978

WELL DRILLER'S REPORT

JUL 3 1978

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

1. WELL OWNER
Name Vestal Yeaman
Address Albion, Idaho 83311
Owner's Permit No. 45-7328

2. NATURE OF WORK
 New well Deepened Replacement
 Abandoned (describe method of abandoning)

3. PROPOSED USE
 Domestic Irrigation Test Other (specify type)
 Municipal Industrial Stock Waste Disposal or Injection

4. METHOD DRILLED
 Cable Rotary Dug Other

5. WELL CONSTRUCTION
Diameter of hole 8 inches Total depth 100 feet
Casing schedule: Steel Concrete
Thickness _____ Diameter _____ From _____ To _____
_____ inches _____ inches _____ feet _____ feet
_____ inches _____ inches _____ feet _____ feet
_____ inches _____ inches _____ feet _____ feet
_____ inches _____ inches _____ feet _____ feet
Was casing drive shoe used? Yes No
Was a packer or seal used? Yes No
Perforated? Yes No
How perforated? Factory Knife Torch
Size of perforation 9/8 inches by 6 inches
Number _____ From _____ To _____
120 perforations 20 feet 60 feet
_____ perforations _____ feet _____ feet
_____ perforations _____ feet _____ feet
Well screen installed? Yes No
Manufacturer's name _____
Type _____ Model No. _____
Diameter _____ Slot size _____ Set from _____ feet to _____ feet
Diameter _____ Slot size _____ Set from _____ feet to _____ feet
Gravel packed? Yes No Size of gravel _____
Placed from _____ feet to _____ feet
Surface seal depth 18 FT. Material used in seal Cement grout
 Pudding clay Well cuttings
Sealing procedure used Sherry pit Temporary surface casing
 Overbore to seal depth

6. LOCATION OF WELL
Sketch map location must agree with written location.
Subdivision Name 45
Lot No. _____ Block No. _____
County CASSIA
SW 1/4 Sec. 6 T. 125 S. R. 25 E.

7. WATER LEVEL
Static water level 20 feet below land surface
Flowing? Yes No G.P.M. flow _____
Temperature _____ ° F. Quality _____
Artesian closed-in pressure _____ p.s.i.
Controlled by Valve Cap Plug

8. WELL TEST DATA
 Pump Bailer Other
Discharge G.P.M. _____ Draw Down _____ Hours Pumped _____

9. LITHOLOGIC LOG 105551

Hole Diam.	Depth		Material	Water	
	From	To		Yes	No
<u>8 5/8</u>	<u>0</u>	<u>2</u>	<u>Top Soil</u>		
	<u>2</u>	<u>20</u>	<u>Boulders</u>		<input checked="" type="checkbox"/>
	<u>20</u>	<u>37</u>	<u>Yellow clay</u>		
	<u>37</u>	<u>42</u>	<u>Sand stone</u>		
	<u>42</u>	<u>50</u>	<u>Brown clay & gravel</u>		<input checked="" type="checkbox"/>
	<u>50</u>	<u>60</u>	<u>DARK Brown clay</u>		
	<u>60</u>	<u>93</u>	<u>Packed Sand</u>		
	<u>93</u>	<u>100</u>	<u>gravel</u>		<input checked="" type="checkbox"/>

10. Work started July 14 finished July 25

11. DRILLERS CERTIFICATION
Firm Name Gary Yarbrough Drilling Firm No. 351
Address Albion Idaho 83311 Date July 1978
Signed by (Firm Official) Gary Yarbrough
and _____
(Operator)

USE ADDITIONAL SHEETS IF NECESSARY FORWARD THE WHITE COPY TO THE DEPARTMENT

Appendix B.

Table B1. Most recent water quality results reported for IDWR water quality monitoring site 12S 24E 12 CBA1.

Well Name	USGS SiteID	Sample Date/ Time	Analyte	Concentration	Units
12S 24E 12CBA1	422345113361301	2022-08-10 14:50:00.00	Calcium	44	mg/l
			Iron	<0.010	mg/l
			Magnesium	14	mg/l
			Potassium	2.9	mg/l
			Silica	32	mg/l
			Sodium	26	mg/l
			Lithium	0.0055	mg/l
			Arsenic	<0.0020	mg/l
			Cadmium	<0.0010	mg/l
			Manganese	<0.0010	mg/l
			Selenium	<0.0020	mg/l
			Uranium	3.3	ug/L
			Chloride	42.3	mg/l
			Fluoride	0.391	mg/l
			Sulfate	18	mg/l
			Ammonia	<0.050	mg/l
			Nitrate	0.94	mg/l
			Phosphorus	0.031	mg/l
			Bisphenol A	<0.05	ug/l
			Triclosan	<0.1	ug/l
			Atrazine	<0.1	ug/l
			Metolachlor	<0.1	ug/l
			Glyphosate	<0.2	ug/l
			Alkalinity as (CaCO ₃)	180	mg/l
			Dissolved Oxygen	70.6	%
			Hardness	167	mg/l
			pH	6.71	pH
			Specific Conductance	559.9	uS/cm
			Water Temperature	14.8	°C

SECTION 4

COTTON WOOD ACRES SUBDIVISION

DECLARATION OF COVENANTS, CONDITIONS AND RESTRICTIONS

THIS DECLARATION by T&H Property Holdings, LLC, an Idaho limited liability company in good standing (“**Declarant.**”), is made and effective upon being recorded in the records in Cassia County, Idaho, based on the following facts.

RECITALS

1. Declarant owns the real property platted as Cotton Wood Acres Subdivision, recorded on Instrument No. **of Plats** Cassia County, Idaho, (“**Subdivision**”) with 24 residential lots.
2. Declarant intends to establish the Subdivision as a rural- residential community with no commercial or industrial uses.
3. Declarant intends to impose upon the Subdivision certain covenants, conditions, restrictions (“**CC&Rs**”) for the benefit of present and future owners of Subdivision Lots; to assure the initial harmony and attractiveness of Lots, Residences and structures; to deter nuisances; to preserve property values; to promote the desirability and values of Lots in the Subdivision; and to provide for an association of Lot owners to administer association business and maintain association property.

NOW THEREFORE, Declarant, as owner of each Subdivision Lot hereby agrees and declares that all Subdivision Lots shall be held, sold, encumbered, hypothecated, leased, used, occupied, improved, and conveyed subject to the following terms, covenants, conditions, easements, and restrictions, all of which are declared and agreed to be in furtherance of a general plan for the protection, maintenance, subdivision, improvement, and sale of the Property, and to enhance the value, desirability, and attractiveness of the Property. The terms, covenants, conditions, easements, and restrictions set forth herein:

- A. shall run with the land constituting the Property, and with each estate therein, and shall be binding upon all persons having or acquiring any right, title, or interest in the Property or any lot, parcel, or portion thereof;

B. shall inure to the benefit of every lot, parcel, or portion of the Property and any interest therein; and,

C. shall inure to the benefit of, and be binding upon, Declarant, Declarant's successors in interest, and each grantee or Owner, and such Owner's respective successors in interest, and may be enforced by Declarant, by any Owner, or such Owner's successors in interest, or by the Association as hereinafter described.

Notwithstanding the foregoing, no provision of this Declaration shall be construed as to prevent or limit Declarant's right to complete development of the Property and to construct improvements thereon, nor Declarant's right to maintain model homes, construction, sales, or leasing offices, or similar facilities (temporary or otherwise) on any portion of the Property, including the Common Area or any public right-of-way, nor Declarant's right to post signs incidental to construction, sales, or leasing, nor Declarant's right to modify plans for the Property, all in accordance with any necessary government approvals.

Declarant reserves the right to amend these CC&Rs at Declarant's sole discretion and without a vote of other Lot Owners until Declarant's last Lot in the Subdivision is sold.

ARTICLE A

Definitions

1. "**Architectural Committee**" or "Committee" means the committee created pursuant to Article D of these CC&Rs.

2. "**Association**" and "**HOA**" meant Albion Acres Homeowners' Association, Inc., a Idaho non-profit corporation.

3. "**Board of Directors**" "**Board**" and "**Directors**" means the Directors of Albion Acres Homeowners' Association, Inc.

4. "**Residence**" means that structure intended to be occupied as a single-family dwelling.

5. "**Household**" means all persons living in a Residence.

6. "**Improvement**" means any structures, facility, system, or object, whether permanent or temporary, that is erected, constructed or placed on a Lot including, but not limited to, buildings, fences, roads, drives, landscaping, signs, road signs, mailboxes, utility lines or equipment, pipes, pumps, pressurized irrigation system, ditches, walkways, ponds, swimming pools and other recreational facilities, stormwater and/or drainage facilities, and fixtures of any kind.

7. “**Lot**” means any Lot shown on the Subdivision plat. “**Residential Lot**” means any Lot entitled to a residential building permit, and “**Common Lot**” means any Lot owned or managed by the Association and intended for use by Lot Owners and their invitees.

8. “**Owner**” means any individual or legal entity having an ownership interest in a Subdivision Lot, excluding those having an interest merely as security for the performance of an obligation.

9. “**Plat**” means the official recorded final plat of the Subdivision or any amendments thereto.

10. “**Property**” Means the real property described in the Subdivision Plat.

11. “**Regular Assessment**” means a routine assessment levied by the Association.

12. “**Special Assessment**” means an occasional and specific-purpose assessment levied by the Association.

13. “**Irrigation System**” means that pressurized irrigation system providing non-potable irrigation water to a boundary of each subdivision lot. Fees to maintain and repair pressurized system will be assessed on an annual basis and will be included in the HOA fees. Pressurized irrigation system along with all other drainage pipes, storm ponds and irrigation delivery systems will be maintained, winterized and repaired by a qualified contractor voted on and hired by the HOA. Individual landowners will **not** be allowed to alter or work on any of the irrigation delivery systems or required pumping station.

14. “**Utilities**” means all services to lot including, electrical power, fiber optics, .

ARTICLE B

Construction Restriction

1. **Builders and Contractors** The following items may be submitted to the Architectural Committee by the contractor or the Lot Owner for review and written approval prior to commencing excavation or construction of a structure (residence, outbuilding, and fence), altering or remodeling an existing structure, installing a fixture (propane tank, fence, decorative structures, etc.) or any other similar work.

A. Two copies of construction plans and specifications for buildings and other structures, one to be signed by the Committee and returned, the other to be retained in Association records.

B. Two copies of design plans, pictures, and specifications for fencing, landscaping and other similar improvements, one to be signed by the Committee and returned, the other to be returned in Association records.

C. One sample or picture of each exterior materials and colors.

D. Two copies of site plans drawn to scale, showing existing and proposed structures, fencing, landscaping and fixtures and proposed driveway.

When reviewing plans, specifications, materials and colors, the Committee will consider the height of structures, harmony of the external design, materials and colors with existing structures in the Lots and in the Subdivision, and the location of the proposed structure with respect to setbacks, topography, finished grade elevations and neighboring homeowners. If the Committee fails to approve or disapprove plans, specifications, materials, and colors within fifteen (15) calendar days from the date the same were submitted to it, Committee approval is deemed granted and construction, alteration, remodel or installation may proceed.

2. Address Illumination. Owners shall affix six-inch address numbers, in a color contrasting on the exterior background materials, to their Residences in a location illuminated by outdoor lighting.

3. Antennas, Energy-producing devices and Satellite "Dishes." Satellite receiver dish may be installed on the exterior of a Residence or outbuilding as long as it is obscure and does not exceed 40 inches in diameter. Unless otherwise approved in writing by the Committee prior to installation, all other antennae, satellite receivers, radio aerials, and energy-producing devices such as solar panels or windmills are to be reviewed by the committee to determine if the device is aesthetically conducive and does not interfere with the views of other land owners. Revenue generating cell towers and energy-producing devices are prohibited on a Lot unless contained wholly within a Residence or outbuilding.

4. Building Type. Only one (1) single-family Residence with a garage, attached or detached, shall be constructed on each Lot. Mother-in-law quarters no more than 1000 sq. ft. may be allowed only with approval from the Architectural Committee. These quarters must be attached to the primary home and will not be rented. A Residence must be custom built on each Lot. All manufactures, mobile, prefabricated, modular, straw, move-on or already-built, pre-manufactured homes are prohibited in the Subdivision.

No building, outbuilding, perimeter Lot fence, substantial landscaping, or identification/directional sign shall be commenced, installed, placed, erected, or allowed to remain on a Lot unless previously approved in written by the Committee.

5. Chimneys. Fireplace chimneys must be constructed of rock, brick, masonry or metal and, if metal, shall be on the exterior protrusion to within at least one-foot (1') of the top cap be wrapped with the same external materials as the Residence. A chimney chase enhancer or similar devices shall screen each chimney pipe from exterior view.

6. Colors. Bright exterior colors are prohibited on homes and garages. Bright colors on small outbuildings may be approved by the Committee in writing prior to application of the colors or structures.

7. Commencement and Completion of Construction. There is no deadline for commencing construction of a Residence on a Lot. Construction, once started, shall be diligently pursued and shall be completed within twelve (12) months after commencing construction, weather permitting, unless prevented by a cause beyond the control of the Owner or builder and only for such a time as the cause continues.

8. Construction Equipment and Material Storage. No machinery, building equipment, or materials shall be situated on a Lot until construction starts on that Lot. Machinery, equipment and materials shall be stored within the boundaries of the Lot upon which the materials are being used.

9. Damage to Improvements. It is the responsibility of Lot's Owner(s), for themselves and their agents, to leave landscaping, fences, ditches, culverts, and other improvements free of damage and in good working condition at the conclusion of the construction on a Lot. It shall be conclusively presumed that all such improvements are in good working condition at the time of construction. The Owner(s), for themselves and their agents, are responsible for notification of damage or non-working items in writing to the Committee prior to the time construction on a Lot commences.

10. Driveway and Approach. Installation of required culverts, and construction of an approach onto a Lot from a Road, will be completed prior to excavation or construction of any structure on that Lot. Base material will be applied, and a driveway formed on a Lot before commencing construction of the first structure on that Lot, and the driveway will be fully improved before the Residence on the Lot is occupied. Homeowners are required to keep culverts cleaned of debris and do not fill in borrow ditches.

11. Exterior Finish. Residences shall be constructed of frame, stone, masonry, or brick construction. The Owner/builder shall submit exterior finish samples for a particular Residence to the Committee for approval prior to application of any exterior finish. Unless repainting a structure with the identical color as previously approved by the Committee, the exterior of any structure shall not be repainted without first obtaining written Committee approval of the color.

Residence shall have at least twenty five percent (25%) of the front elevation, and elevations fronting roads in stone, rough sawn or natural wood, stucco or brick. Unless otherwise approved by the Committee prior to application, each Residence shall have an exterior finish of one or more of the following: natural, painted, stained or other wood, stone, brick, stucco, board and bat vertical siding, or masonite/composite or hardy board lap siding. Vinyl and metal siding are prohibited.

12. Fences and other Boundaries. Fences and other boundaries (hedges, high plantings, etc.) shall be situated to not unreasonably interfere with the use of neighboring Lots or constitute a nuisance as determined by the Committee. The determination of the Committee is binding. Fences exceeding six feet (6') in height are prohibited. Fences or other barriers shall not interfere with vision triangles or pose a hazard to safe use of Roads. Privacy fences are only allowed within the backyard of a residence, behind the home and no larger than one quarter of an acre. A side privacy fence may only be installed on garage side of residence for R.V parking, etc.

Fences shall be of good quality and workmanship, and shall be properly maintained. Materials and designs shall be approved by the Committee prior to installation or construction. Unless otherwise approved in writing by the Committee prior to installation, no hedge, shrub, tree, or other planting with an elevation above three feet (3') is permitted in the -required building front-yard setback area.

13. Floor Area Minimums. For the purpose of the CC&Rs, floor area shall be exclusive of eaves, steps, porches, entrances, patios, and garages. The floor area of a one-story Residence in this Subdivision shall have at least one thousand three hundred (1,300) square feet on the ground floor. The floor area of a two-story Residence, or a main floor, shall have at least one thousand three hundred (1,300) square feet on the main floor at grade level. No Residence shall be in excess of two stories above ground.

14. Garages. Each Residence at minimum shall have an attached, enclosed, two-car garage that is an integral part of the Residence and match the Residence's construction materials.

15. Garbage/Trash/Rubbish. Until properly disposed of, Owners shall cause to be contained on the Owner's Lot all construction, debris, garbage, scraps, and concrete washout so that it does not spread on the Owner's Lot or to other Lot's.

16. Height. Residences, outbuildings or other structures, including playhouses, and play equipment consisting of walls and a roof, shall conform to the maximum height allowed in the county.

17. Landscaping. Must be installed within twelve (12) months from the date of Occupancy is issued for the Residence. Pressurized irrigation system to be used for pastures and with lawn sprinklers compatible for agricultural use.

18. Maintenance of Lots. Owners shall maintain Lots in a neat manner free of rubbish, garbage, rodents, gophers, noxious weeds, and tall weeds. Owners hereby consent to, agree with, and grant permission to the Committee and its agent(s) to enter upon a Lot to maintain it according to this paragraph if it is not maintained by its Owner(s) for a period of at least sixty (60) calendar days, and to assess the Lot's Owner(s) such maintenance costs as a special assessment.

19. Outbuildings and other Structures. No outbuilding or similar structure shall be constructed, erected, or painted without prior written approval by the Committee. Unless otherwise approved by the Committee, outbuildings and other structures shall be set back further from front Lot lines than the Residence on the Lot.

All outbuildings and other structures shall be constructed using quality building materials. It is recommended that the same or similar building materials as the Residence on the Lot be used. Outbuildings shall be roofed and fully constructed. Each out building shall be aesthetically in harmony with a rural atmosphere, architectural detail of the Outbuilding as approved by the Committee.

All outbuildings and other structures including shops, shed, barns, animal shelters, storage, playhouses and play equipment consisting of walls and a roof should be positioned on a lot as to limit interference with views of other property owners within the subdivision.

20. Outdoor Lighting. Vapor mercury/halogen lighting fixtures are prohibited in the Subdivision. Outdoor lighting, such as exterior entryway, landscape, or porch lighting shall be unobtrusive and designed and located so it is not a nuisance. Outdoor lighting on exterior poles or barns, animal pens or other similar structures shall be shielded and downward facing so that the light stays within that Lot's boundaries. This is to protect Albion's night sky and rural appeal, while not contributing to light pollution.

21. Roads. The roads in the Subdivision are private and maintained by the HOA. Snowplowing will be provided by the HOA through hired contractor. Fire

access road will be maintained and plowed and in good working order. Individual driveways will not be maintained by HOA. No vehicles will be parked on the roadway for more than 48 hours.

22. Roofs. Roofs of Residences shall be at least six inches (6") rise over a twelve-inch (12") run ("6/12 pitch") and a sample of roofing materials shall be submitted to and approved by the Committee prior to application of finishing roofing materials. Any variation on the standard 6/12 pitch must be incorporated as part of a custom design associated with a modern contemporary or Mediterranean style home. These designs must be preapproved by the committee in control of design review.

Gravel, tar, sod, fiberglass, and other similar roofing materials are prohibited. Bay windows, broken rooflines, gables, hip roofs, etc. are encouraged to provide architectural variety.

Unless otherwise approved by the Committee, Residence roofing materials shall be cedar shake, tile or forty (40) year architectural asphalt-composition shingle, corrugated. steel and Outbuilding roofing materials shall match the Residence roofing materials or may be corrugated steel.

23. Setbacks. Owners are responsible to inform their architects, excavators, concrete foundation pourers, and builders of CC&R setback requirements and to verify compliance prior to excavation and construction. The applicable setbacks for Canyon County, Idaho shall apply to all construction. Additional required setback may be required by the CC&Rs and may require approval in writing by the Committee.

24. Sewage Disposal/Sewer Locations. Owner at Owner's expense and on Owner's Lot will install and maintain a septic system installed according to Southcentral District Health Department regulations and other applicable laws. All bathroom, sink and toilet facilities shall be located completely inside buildings.

25. Temporary Buildings. No trailer, truck, camper, tent, shack or other similar thing shall at any time be used as a dwelling on a Lot.

26. Utilities. Utilities in the Subdivision shall be installed in a safe manner according to Idaho law. Declarant has installed utilities in an easement along the Roads and Owners shall pay the costs to extend utilities from the easement to the Owners' Lot, when required by utility companies. High speed fiber optics and electrical power will be accessible for owners of Lots.

27. Water Supply (Irrigation). This Subdivision Property has agricultural water rights which will be delivered through the pressurized irrigation system to each lot owner. This system will be maintained by a qualified contractor which will be hired by the committee under the direction of the HOA. Surface water may contain sediment

that will plug residential sprinklers. The HOA will not be responsible for any repairs or maintenance on sprinklers or irrigation systems residing on the property owners Lots. Residents will not modify the shut off valve provided within this system. All maintenance and repairs on these valves will be under the responsibility of the HOA.

28. Water Supply (Potable). Owner at Owner's expense and on Owner's Lot will install and maintain a domestic, potable water well installed according to Idaho Department of Water Resources regulations and other law. Pursuant to Idaho Code 42-111(1)(a). Declarant does not warrant any water source supply or quantity, and Declarant disclaims any and all warranties, expressed or implied, of every kind of nature, including but not limited to, merchantability and fitness for a particular purpose.

29. Unsightly Articles. No unsightly articles shall be permitted to remain on any Lot so as to be visible from any other portion of the Property. Without limiting the generality of the foregoing, refuse, garbage, and trash shall be kept at all times in such containers and in areas approved by the applicable Architectural Committee. No clothing or fabrics shall be hung, dried, or aired in such a way as to be visible to other property, and no equipment, treat pumps, compressors, containers, lumber, firewood, grass, shrub or tree clippings, plant waste, metals, bulk material, scrap, refuse, or trash shall be kept, stored or allowed to accumulate on any Lot except within an enclosed structure or as appropriately screened from view. No vacant residential structures shall be used for the storage of building materials.

30. No Hazardous Activities. No activities shall be conducted on the Property, and improvements constructed on any property which are or might be unsafe or hazardous to any person or property.

31. Swimming pools may be installed but must have a lockable 6ft safety fence. Pool safety fence design must be approved by the committee.

ARTICLE C **Property Use Restrictions**

1. Agricultural Activities and Animals. The Subdivision is located in an agricultural area. Agricultural activities, including livestock, cattle feeding, and farming take place on the Property and adjoining properties and areas. These activities may produce noise, odors, dust, insects, and include night time operations. It is anticipated that Residents may maintain livestock on Lots. Residents shall not complain about legally-operated agricultural activities.

Prohibited Animals. Animals for commercial use, pit bulls and pit bull like dogs, and Billy goats, are all prohibited in this Subdivision.

Pets. Domestic dogs and cats are allowed, but numbers must be in compliance with County ordinance and Dogs must be contained at all times. Owners on their Lots shall control Pets at all times. Owners have the right to demand and enforce the removal of a Pet when that Pet consistently becomes a nuisance or causes damage or harm to an individual or property in this Subdivision.

Livestock. Livestock shall be limited to the Lot Owners' personal use and enjoyment, and not for commercial purposes. Lot owners will be limited to only one horse, cow, or other large animal for each 22,000 square feet of Pasture, and only one goat, sheep, alpaca, emu, rhea, ostrich or other medium-sized animal may be kept for each 5,000 square feet of pasture. No more than two pigs may be kept at any given time. No more than 30 fowl, poultry or game bird allowed at one time. Poultry and game birds shall be maintained on owner's Lot and not allowed to roam through subdivision.

Owner shall feed, water and care for their Pets and Livestock animals, and shall construct and maintain fences and/or pens to keep animals on the Owner's Lot and from trespassing onto the property of others.

2. Business. No business shall be conducted on any Lot, except completely within the Residence or Outbuilding and only as permitted by applicable federal, state, and local laws. No signs shall be hung, erected or installed on a Lot to advertise a business. Small identity or directional signs affixed to a Residence or Outbuilding are permitted when approved in writing by the Committee. Parking for a home business shall be on the Lot where the business is located and shall not become a nuisance.

3. Fixtures and Portables. Propane tanks and other similar fixtures shall be on the side or rear of a Residence, and fixtures and prohibited within setbacks.

4. Garbage and Refuse Disposal. Dumping or storing rubbish, trash or other waste on a Lot is prohibited. Garbage, trash or other waste shall be kept and maintained on a Lot in a sanitary container until disposed of. Any provisions for the storage and disposal of such material must not violate setback restrictions and must be enclosed within an aesthetically pleasing barrier or fence and shall be kept in a clean and sanitary condition. The Committee shall determine whether a barrier or fence enclosure is aesthetically pleasing.

5. Leasing Restrictions. Any lease between an Owner and tenant shall provide that the terms of the lease are subject in all respects of the provisions contained in this Declaration, and that any failure by the tenant to comply with the terms of such documents shall be a default under such lease, which the landlord Owner is responsible for enforcing.

6. Mining and Exploration. The following activities and property uses are prohibited on Lots: oil and gas drilling, development, and refining, mineral quarrying, excavating (except for landscape ponds), mining, crushing and batching; and oil and mineral shafts, wells, tanks, and tunnels, and/or excavations.

7. Motorized Vehicles. Motorized-vehicle use on Lots is for vehicular ingress-egress to parcels, agricultural purposes, and to maintain Lots in conformance with these CC&Rs. Use of motorcycles, snowmobiles, ATVs, or other motorized vehicles or electric airplanes etc. on Lots is allowed only during daylight hours. Motor cross, racing tracks or other similar use is prohibited. Parking a semi-truck and/or a semi-trailer is prohibited in the Subdivision. Inoperable vehicles shall be enclosed by a sight-obscuring fence or building.

8. Nuisance. Nothing of an offensive, dangerous, odorous, or noisy endeavor shall be conducted on any Lot, nor shall anything be done or permitted on a Lot that may be, or become, an annoyance or nuisance to other Owners. No metal, glass, plastic, fiberglass, rubber, lumber, concrete, pipe, telephone poles, unstacked firewood, recyclables, or trash shall be kept, stored, or allowed to accumulate on any Lot, unless screened as approved in writing by the Committee prior to keeping, storing or accumulating any item(s).

9. Residing in other than Residence. No trailer, truck, camper, camp trailer, RV, tent, shack, etc. shall at any time be used as a Residence, temporarily or permanently, on any Lot. "Temporarily" means more than one week.

10. Right to Farm. This property is zoned agricultural, and this is an area in which agricultural operations are ongoing, and may include production of crops, feedlots, gravel pits, and dairy or swine operations. These activities may invoke lights or use of machinery in the nighttime hours, and may result in the production of noise, dust, odors and other inconveniences. Idaho's Right to Farm Act prevents challenging these operations if they are lawfully conducted. Idaho Code 22-4503 states:

11. Re-Subdivision. No Lot may be further subdivided.

12. Shoulders of Road and Barrow Ditches. Owners on their Lots shall maintain barrow ditches and keep clear of debris.

13. Signs. No sign of any kind shall be displayed to public view on any Lot, except a professionally designed and constructed sign of not more than five (5) square feet advertising a Lot for sale. Any such signs will be removed immediately after the sale or rental. The Association may maintain Subdivision identification signs and appropriate informational signs of a size and design approved by the Committee.

14. Storage. Stored inoperable vehicles, equipment and materials are prohibited on a Lot unless enclosed in a building.

Storage and Use of Items, Vehicles and Equipment. No working or commercial vehicles larger than one (1) ton. One (1) Farm tractor is allowed, and no junk, unlicensed or non-operable vehicles shall be parked on any Lot unless wholly contained within a building that has been approved by the Committee. Recreational vehicles and equipment owned or leased by the Lot Owner for personal use may be parked on any Lot as long as it is parked in an enclosed or behind a privacy fence. No equipment or vehicle will be allowed to park on Roads for more than 48 hours.

15. Vision Triangles. No fence, wall, hedge, or shrub planting that obstructs sight lines at elevation between three feet (3') and eight feet (8') above the interior and public roads within the Subdivision shall be placed or permitted to remain on any corner Lot within the triangular area formed by the street property lines and an imaginary line connecting them at a point thirty feet (30') from the intersection of the street lines or, in the case of a rounded corner, from the intersection of the street property lines extended. The same sight-line limitation shall apply on any Lot within ten feet (10') from the intersection of a street property line with the edge of a driveway.

16. Weeds. Owners shall control at all times, in a non-hazardous manner, the weeds on their Lots so that weeds do not exceed twelve-inches (12") in height. No ground sterilants are to be used where the run off or seepage can enter the ponds, irrigations system, or natural storm drains.

17. Airport. A small airport is in close proximity to the sub-division. Noise may be created at times.

18. Drainage Canal. Properties that are located along the drainage canal must not impede water flow or modify this rock lined canal. If damage is incurred by homeowner, homeowner will take care of costs to repair.

ARTICLE D

Architectural Committee

1. Initial Members. The initial members of the Committee are appointed by and serve at the discretion of the Declarant. The number of Committee members shall be three (3) with one inactive alternate that shall become an active member upon the cessation of performance by one of the initial Committee members.

In the event of death or resignation of a Committee member, the remaining Committee members shall have full authority to act, and within a reasonable

time after the occurrence of such a vacancy, the Declarant, or the Association after transfer of control from Declarant to the Association, shall appoint a replacement.

A record of the members of the Committee and their terms of service shall be kept by the Declarant and transferred to the Association when Declarant transfers control to the Association. Lot Owners can serve as members of the Committee if eligible to vote; a Lot Owner is ineligible to vote if delinquent in the payment of Association assessments.

2. Committee Action. A majority of the Committee shall constitute a quorum. All action by the Committee shall be by majority vote of those members in attendance so long as a quorum is present at a meeting. All Committee actions shall be in writing and a copy preserved by the Committee.

3. Liability for Committee Action. The duties of the Committee are to review, approve, deny or conditionally approve all construction on such terms and conditions as the Committee shall deem appropriate. Its determination is binding on all parties. The Committee is further charged with enforcement of this Declaration until the Association takes over the responsibilities of the Committee pursuant to Paragraph 7 below this Article. The Committee shall have the right to approve the texture, design, and color scheme of the outside walls, fences, roofs, and patio roofs of all structures erected upon Lots, and to require front landscaping.

5. Submission of Plans and Specifications. The Lot Owner or his agent, prior to causing and construction, erection, repair, alteration, remodel of structures, fences, out-buildings, etc., shall submit to the Committee a set of detailed plans and specifications, at least including a site plan, constructions plans and materials list, that accurately represent the construction to take place. The plans submitted to the Committee for review must match what is actually constructed.

6. Approval by Committee. No building or other structure shall be erected, placed or maintained, or exterior altered, on any Lot plans and materials, at least including a site plan, construction plan and materials list that will actually be used, have been approved by the Committee as the materials, color, harmony of external design with existing structures, and compliance with specific material- type requirements.

The Committee shall have fifteen (15) calendar days to review and render a written decision regarding the plans and specifications. The Committee shall indicate its decision regarding the proposal by a Committee member dating and signing the plans. Notice of the decision shall be transmitted by letter to the Lot Owner and applicant. The Committee shall have the sole discretion to determine what is in compliance and may grant minor variances from the requirements herein. Granted variances shall be in writing and do not establish a precedent mandating that future

variances be granted. The Committee and/or Association shall have the right to retain the submitted plans and specifications.

Lot Owners are not eligible to submit plans and specifications to the Committee while the Owner is delinquent in the payment of the Association assessment or in violation of these CC&Rs, and the Committee shall not review plans or specifications for such a Lot Owner until past due assessments are paid in full and the Lot Owner is in compliance with these CC&Rs.

7. Release of Initial Committee. Upon the sale of the Declarant's last Subdivision Lot, the initial Committee members are automatically released from all Committee duties, and the then seated Board of Directors of the Association shall automatically become the Committee. (see article "E" Homeowners Association #3)

ARTICLE E

Homeowners Association

1. Membership. Each Owner shall be a member of the Association. Membership shall be appurtenant to and may not be separated from Ownership of any Lot.

2. Voting. Voting may be in person or by any valid written proxy, each Lot being entitled to one vote. Votes on a particular Lot's behalf are automatically ineligible and not counted in that Lot's assessments are unpaid or if there is a violation of these CC&Rs on that Lot. When more than one person or entity holds an interest in any Lot, all such persons or entities shall determine how the one (1) vote for that Lot shall be cast; fractional votes are prohibited. The vote applicable to any Lot being sold under contract of purchase shall be exercised by the contract seller, unless the contract expressly provides otherwise.

3. Officers and Directors. At a meeting called pursuant to written notice as herein provided for the establishment of annual assessments, a Board of Directors of the Association shall be elected by a favorable vote of a majority of Lot Owners, eligible to vote, who attend said meeting or vote by proxy. The Board shall consist of three (3) Directors elected to serve for a period of two years. The Directors shall elect one of the Directors to serve as the Chairperson of the Board and one of the Directors to serve as a Secretary to the Board. Directors and officers shall not be paid or receive benefits for their service to the Association. Only one seat may be held by any given lot owner.

4. Assessments. Each Owner of a Lot, by acceptance of a deed therefore, whether or not expressed in such deed, is deemed to covenant and agree to pay to the Association the following.

A. An administrative set up assessment each time a Lot transfers ownership of two hundred dollars (\$200.00), payable at closing when an Owner purchases a Lot. Fee to be paid by purchaser of the lot to the HOA.

B. Regular assessments in an annual amount of three hundred and fifty dollars (\$350.00) for each Lot. These funds will be used to provide power for the pump, maintain the pressurized irrigation system, common walkways, ponds, common areas, snow removal of common private roads, also the maintenance of fire access roads, and entrance signage. The amount of a regular assessment may be increased or decreased. The Board of Directors shall recommend to the Owners at an Association meeting the amount for a regular assessment. Regular assessment amounts shall be approved by a majority of the Owners present or voting by proxy at an Association meeting where a quorum is present in person or by proxy.

C. Special assessments are for CC&R enforcement and capital improvement, including repair or alteration of existing improvements or construction/installation of new improvements, as well as special maintenance needs pertaining to the use and maintenance of common areas and common points of ingress and egress to or within the Property that may be occasioned by weather or other emergency or extenuating circumstances. The Board of Directors shall recommend to the Owners at an Association meeting the amount for a special assessment. Special assessment amount shall be approved by a majority of the Owners present or voting by proxy at an Association meeting where a quorum is present in person or by proxy.

No Owner may waive or otherwise avoid or escape liability for the assessments provided for herein by reason of abandonment or non-improvement of Owner's Lot.

5. Property Exempt from Assessment. Association property is exempt from the assessments provided for by the Declaration.

6. Due Date of Assessment. Annual assessment shall commence to each Lot no later than the first day of the month following the recording of this Declaration. The first regular assessment shall be adjusted according to the number of months remaining in the calendar year, The Board of Directors shall fix the amount of the annual assessment against each Lot at least thirty (30) calendar days in advance of each regular assessment period. Written notice of the regular assessment shall be sent to the Owners of every Lot assessed. The due dates shall be established by the Board of Directors. The Association shall upon demand, and for a reasonable charge,

furnish a certificate (invoice) to each lot owner. The Lot assessments are binding to each Lot Owner as of the date of its issuance. Unless modified by the association, assessments are to be paid within 30 days of receiving the invoice.

7. Late Payment of Assessment. A late payment penalty of \$1.00 per calendar day shall be assessed against a Lot beginning thirty (30) calendar days after the annual assessment is due. No sale or transfer shall release the Lot from liability for an assessment. Assessments must be brought current before closing on any sale or transfer of a Lot.

8. Use of Assessment Funds. Assessment income shall be used for pump power, capital improvements, maintenance and snow removal, and/or repair of the Association property; for costs, with written receipts, associated with Association administration; and for advice and services of legal, accounting, surveying or professionals that may from time-to-time be hired by the Association.

9. Assessments Charge Against a Lot. The regular and special assessments, together with interest, costs of collection and reasonable attorney fees, shall be a charge on any Lot and shall be a continuing lien on a Lot against which such assessment is made until paid or foreclosed. Each such assessment, together with costs of collection and reasonable attorney's fees, shall also be the personal obligations the Owner(s) of such Lot on the assessment due date, but shall be a personal obligation of successors in title, unless expressly released by the committee.

10. Notice of Quorum for Meetings. Written notice of any meeting called for the purpose of taking any action regarding or involving assessments shall be sent to all members not less than fifteen (15) nor more than thirty (30) calendar days in advance of the meeting. At such meeting, the presence of Owners or proxies entitled to cast votes for fifty percent (50%) of the Lots shall constitute a quorum. If the required quorum is not present, the meeting shall be adjourned and rescheduled for a certain date, time and place not less than ten (10) calendar days and not more than thirty (30) calendar days subsequent. Written notice of the rescheduled meeting shall be mailed to all members not less than (5) calendar days in advance of the rescheduled meeting date. The presence of Owners or proxies entitled to cast votes for twenty-five percent (25%) of the Lots shall constitute a quorum at the subsequent meeting.

11. Association Duties. The Association is authorized, but not limited, to the following.

A. Prepare an annual budget which shall indicate anticipated management, operating, maintenance, repair and other expenses for the Association's next fiscal year and which shall be sufficient to pay all estimated expenses and outlays of the Association for the next calendar year. This budget may include, but is not limited

to, the cost of administration, maintenance, management, special assessments, Liability insurance, repairs, professional services and fees, water charges, and expenses and liabilities incurred by the Association from a previous period, and/or the creation of any reasonable contingency or other reserved fund.

B. Perform or have performed the construction/installation, improvements, repairs, upkeep and maintenance, normal servicing, development of rules for use, care and safety of Common Areas, payment of bills and related expenses for any Common Area.

C. A liability insurance policy for common areas and will be maintained and renew yearly. Cost for said policy will be no more than \$450.00 per year unless voted on to increase coverage.

D. Any other responsibilities not inconsistent with this Declaration, and the Association's Articles of Incorporation and Bylaws.

ARTICLE F

Common Area Property Rights, Easements, and Irrigation rights

1. Common Areas. The Commons Area shall be owned by the Association upon transfer to the Association by the Declarant. The Owner of Lots on which easements for utilities, drainage, or collection of storm water are located shall maintain the surface of the easements continuously and shall not construct any structure within the easements. Provided however, fences that do not interfere with the purpose and use of the easements may be erected, if approved in writing by the Committee prior to construction. If Owner fails to maintain the easement to his/her/its Lot, the Association may maintain and invoice the Lot Owner. In all events, the Association may;

A. Charge assessments for the maintenance of Easements and the common areas.

B. Dedicate or transfer all or any part of the common areas to any public agency, authority, or utility for such purposes and subject to such conditions as may be agreed to by the Association. No such dedication or transfer shall be effective, unless an instrument agreeing to such dedication or transfer is signed by a majority of Lot Owners and has been recorded.

2. Right to Use of Areas. The right to use the common areas and walking paths is appurtenant to the Lots and shall be available to any Owner so long as

the Owner's Association assessments are paid and the Owner is in compliance with these CC&Rs.

A. Walking paths and common areas will be maintained by the lot owners. Labor and time to control weeds and clean-up trash will be done by the lot owners and shall be done at no cost to the association. Each lot owner shall donate two (2) hours per year in service to maintain common areas. This time should be reported to the Committee and recorded. In the event that a lot owner is unable or not willing to provide these service hours an assessment of \$45.00 per missed hour will be billed to the lot owner so that a contractor may be hired as needed. These funds will be put in the association account and set aside to be used for common area maintenance only. Any materials such as road mix or weed spray will be provided by the association and included in the budget yearly.

B. The Association is encouraged to have at least one barbecue a year in conjunction with yearly cleaning of the Common Areas. The cost to provide refreshments for (2) Two events is approved within this declaration. For these two events a budget of three hundred dollars (\$300.00) per year is approved to be paid toward refreshments. Potlucks are encouraged. These events will encourage neighborhood pride and promote unity in the neighborhood.

3. "Irrigation System and common pumping station" The pressurized irrigation system will provide non-potable irrigation water to a boundary of each subdivision lot. Fees to maintain and repair pressurized system will be assessed on an annual basis and will be included in the HOA fees. The pressurized irrigation system along with all other drainage pipes, storm ponds and irrigation delivery systems will be maintained, winterized and repaired by a qualified contractor voted on and hired by the HOA. Individual landowners will not be allowed to alter or work on any of the irrigation delivery systems or required pumping station.

This Subdivision Property has agricultural water rights which will be delivered through the pressurized irrigation system. Each water user will be on an every other day water rotation. Your lot number will determine your watering times. Even numbered lots will water on even numbered days and odd numbered lots will water on odd days. Each user will be allowed to water from 6pm to 6pm a full 24-hour period. This will allow for the users to have ample pressure to water pastures and lawns. At times waist water may be used to fill the common area pond.

Surface water may contain sediment that will plug residential sprinklers. When watering landscapes the lot owner should be aware of sediment when designing their watering system. The HOA will not be responsible for any repairs or maintenance on sprinklers or irrigation systems residing on the property owner's lots.

Residents will not modify the shut off valve provided at each lot. All maintenance and repairs on these valves will be under the responsibility of the HOA.

ARTICLE G

General Restrictions

1. Covenant. The Declarant hereby covenants for all said Subdivision Lots. Each Owner, whether by ratification of this Declaration or by acceptance of a deed or contract of purchase, whether or not these CC&Rs are expressly set forth in any such deed or other conveyance, is deemed to covenant and agrees to comply with and abide by these CC&Rs and agrees for the Owner, and the Owner's agents, representatives, heirs, administrators, successors, and assigns to be personally bound by each of these CC&Rs, and understands they may be amended from time to time.

2. Easement. The utilities, walking paths and drainage easements in the Subdivision are for the benefit of Subdivision Lots. Owners shall not park any vehicle or trailer, or situate any fixture, fence, structure or planting in a manner that interferes with an easement. Declarant hereby reserves the right to declare easements as needed and reserves the right of these easements for ingress/egress and for utilities and drainage. Lots may have recorded easements that may not be list here. See the attached plate map for more details on walking paths, pond, utility and Common area easements.

3. Judgement and Attorney Fees. Whether or not an action is prosecuted to judgement, the prevailing party shall be entitled to reasonable costs and attorney's fees. In the event of judgement against any person, the court may award injunction against any person for violation, require compliance as the court deems necessary, award such damages and reasonable attorney's fees, costs and expenses as well as such other on further relief as may be deemed just and equitable.

4. Mortgages or Deeds of Trust Not Invalidated. The breach of any of these covenants, conditions, restrictions, or any repurchase by reason of such breach, shall not defeat or render invalid the lien of any mortgage or deed of trust made in good faith for value as to any Lot or Lots or portions of Lots in such premises, but shall be binding upon the effective against any such mortgagee or trustee or Owner thereof, whose title is or was acquired by foreclosure, trustee's sale, or otherwise.

ARTICLE H

Miscellaneous

1. Severability. Invalidation of any Declaration provision, or portion thereof, by judgement or court order shall not invalidate or affect any other provisions or portion thereof herein, which shall remain in full force and effect.

2. Enforcement. The Declarant, Association, Owner or group of Owners has the right to enforce at law or in equity all or any of the CC&R, liens, and charges now or hereafter imposed by the provisions of this Declaration. At least ten (10) day prior to filing a complaint initiating an enforcement action, the offending party shall be mailed written notice specifying the CC&R provision that the person is charged with failing to comply with. Failure to enforce any provision shall not be deemed a waiver of the right to do so in the future. These CC&Rs are cumulative and all remedies provided herein for breach are in addition to, and not in lieu of, any rights and remedies provided by local, state and federal laws.

3. Amendment. This Declaration may be amended by the Declarant at any time prior to the sale of Declarant's last Subdivision Lot. Thereafter, this Declaration may be amended after the favorable vote of at least a majority of the Residential Lots, one vote per Residential Lot that is in compliance with these CC&Rs and is current on payment of assessments, and any applicable interest and collection costs. Amendments must be recorded in Canyon County after being attached to a statement signed and acknowledged by the President of the Association affirming that such amendments were approved as required herein.

4. Effective Period of CC&Rs Termination. These CC&Rs shall run with Subdivision Lots and shall be binding on all Owners for a period of thirty (30) years of the date these CC&Rs are signed, after which time such CC&Rs shall be automatically renewed and extended for successive periods of ten (10) years, unless at any time after the initial recording of these CC&Rs an instrument signed by Owners of at least sixty-seven percent (67%) of the residential Lots has been recorded agreeing to terminate the CC&Rs, in whole or in part.

5. Assignment. Any or all rights, powers and reservations and Declarant, herein contained may be assigned to the Association or to any other corporation or association, which is now organized, or which may hereafter be organized, that shall assume the specific rights, powers and duties of Declarant hereunder, evidencing its acceptance of such assignment. All right of Declarant hereunder reserved or created shall be held and exercised by Declarant alone, so long as Declarant has an interest in a Lot.

6. Time is of the essence for each duty, performance or obligation contained herein.

7. Violation of Law. Any violation of any state, municipal, or local law, ordinance, or regulation pertaining to the ownership, occupation or use of any property within the Property is hereby declared to be a violation of this Declaration and subject to any or all of the enforcement procedures set forth in this Declaration and any or all enforcement procedures in law and equity.

8. Remedies Cumulative. Each remedy provided herein is cumulative and not exclusive.

9. Interpretation. The provisions of this Declaration shall be liberally construed to effectuate its purpose of creating a uniform plan for the development and operation of the Property. This Declaration shall be construed and governed under the laws of the State of Idaho.

A. Restrictions Construed Together. All of the provisions hereof shall be liberally construed together to promote and effectuate the fundamental concepts of the development of the Property as set forth in the recitals of this Declaration.

B. Restrictions Severable. Notwithstanding the provisions of the foregoing paragraph 13.6.1, each of the provisions of this Declaration shall be deemed independent and severable, and the invalidity or partial invalidity of any provision or portion thereof shall not affect the validity or enforceability of any other provision herein.

C. Singular Includes Plural. Unless the context requires a contrary construction, the singular shall include the plural and the plural singular, and the masculine, feminine, or neuter shall each include the masculine, feminine, and neuter.

D. Captions. All captions and titles used in this Declaration are intended solely for convenience or reference and shall not affect that which is set forth in any of the provisions hereof.

10. Successors and Assigns. All references herein to Owners, any Association, or person shall be construed to include all successors, assigns, partners, and authorized agents of such Grantor, Owners, Association, or person.

IN WITNESS WHEREOF, the Declarant has executed this Declaration effective as of the date first set forth above.

Witness Date

Declarant Date

Acknowledgement of Certificate

State of Idaho)
:ss,

County of _____

On the _____ day of _____, 2018 Before me, the

undersigned Notary Public, personally appeared, _____ personally known by me or proved to me on the basis of satisfactory evidence, to be the person whose name is ascribed to the within instrument and acknowledged to me that they are the managing member of T &H Property Holdings LLC. an Idaho corporation, and that this document as the managing members of T & H Property Holdings LLC..

SECTION 5

COTTONWOOD ACRES SUBDIVISION – PRELIMINARY TRAFFIC REVIEW

Landrum and Associates, Inc. has been hired to provide a preliminary traffic review of the proposed Cottonwood Acres residential subdivision located in Cassia County and the impact the new subdivision will have on surrounding traffic flow. The purpose of this preliminary traffic study is to provide a general overview to determine the need for alterations to 900 South Road, 1150 East Road and Highway 77 and its common intersection. The traffic review looked at estimated traffic volumes from near the site, estimated site generated traffic the proposed project will add and the published ITD traffic number for Highway 77.

Proposed Projects

The proposed project is a residential subdivision known as Cottonwood Acres. The proposed location is approximately Highway 77, 900 South 1150 East in Cassia County. The proposed site, at full buildout, will have 24 lots.

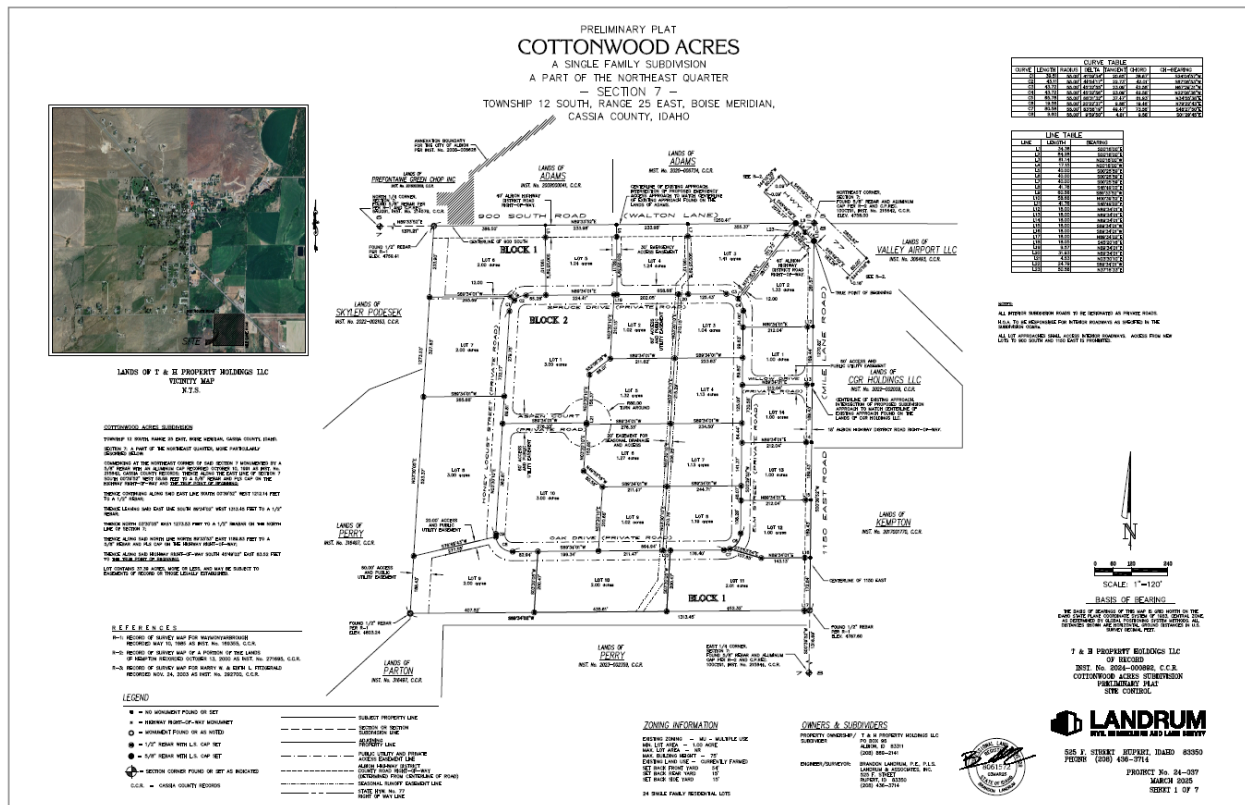


FIGURE 1: COTTONWOOD ACRES PRELIMINARY PLAT

Site Access

There will be one proposed ingress point to the proposed site on the west side of 1150 East Road. There is an emergency access road that will have access to the south side of 900 South Road but will not be used for daily traffic ingress/egress. Most of the traffic from the proposed subdivision will leave the subdivision and head north along 1150 East toward the Highway intersection. To be conservative, all 240 trips/day are assumed to approach that intersection.

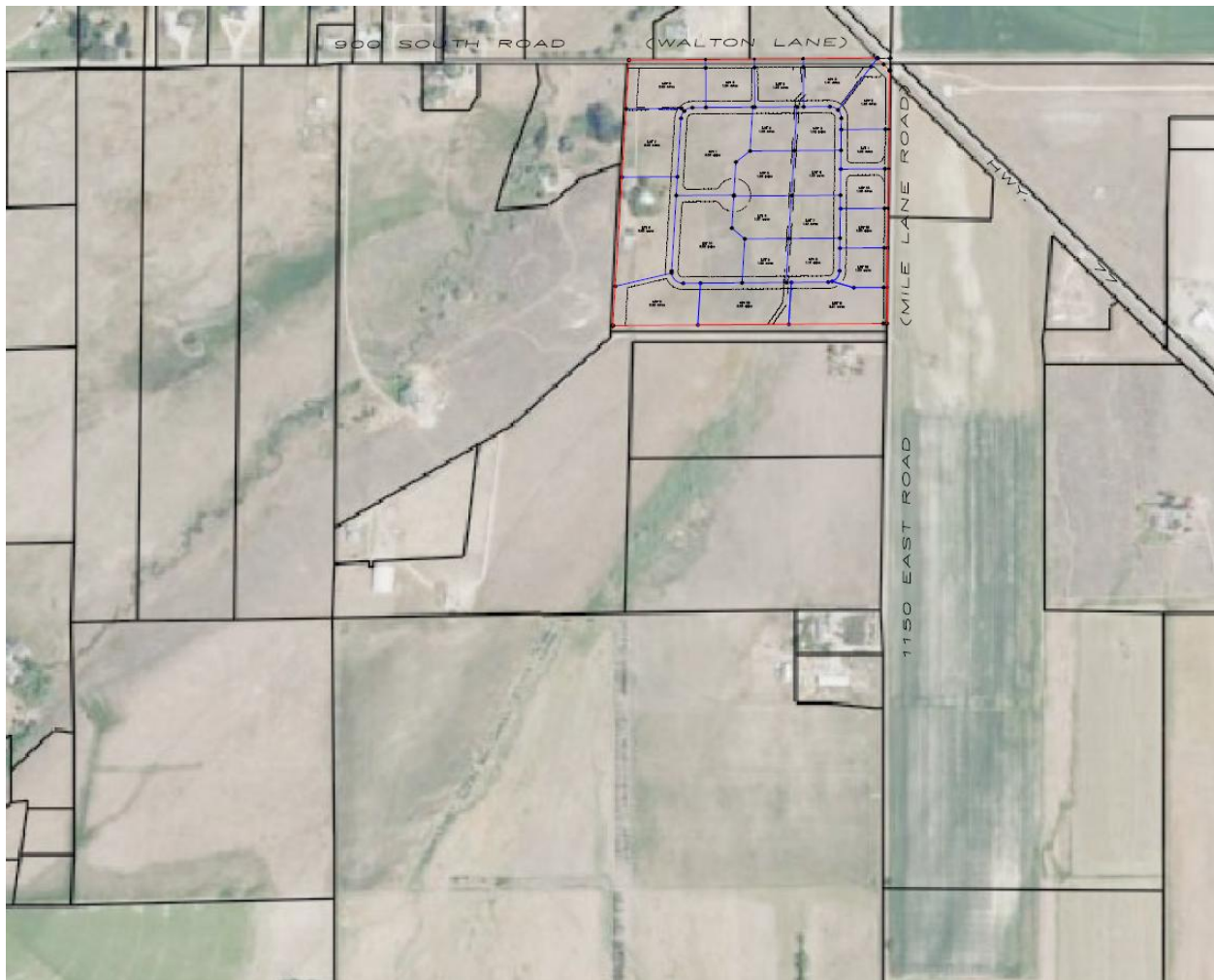


FIGURE 2: VICINITY MAP

TRAFFIC VOLUME ANALYSIS

Current Traffic Volume and Projected Trip Generation

According to the Idaho Department of Transportation (ITD), Highway 77 has current published count of 660 ADT. In discussions with the Albion Highway District, 900 South has a recently recorded count of 330 ADT. ITD also has a published number for 1000 South road that is approximately 1 mile south of the project of 80 ADT. Taking a conservative approach, half of that traffic will be used for a proposed volume along 1150 East Road. Taking that amount in addition to the proposed subdivision, a total of 280 ADT is projected for 1150 East.

Using a K-factor of 0.1, the estimated peak-hour volume:

- ⇒ $660 * 0.1 = 66$ vph both directions
- ⇒ $330 * 0.1 = 33$ vph both directions
- ⇒ $280 * 0.1 = 28$ vph both directions

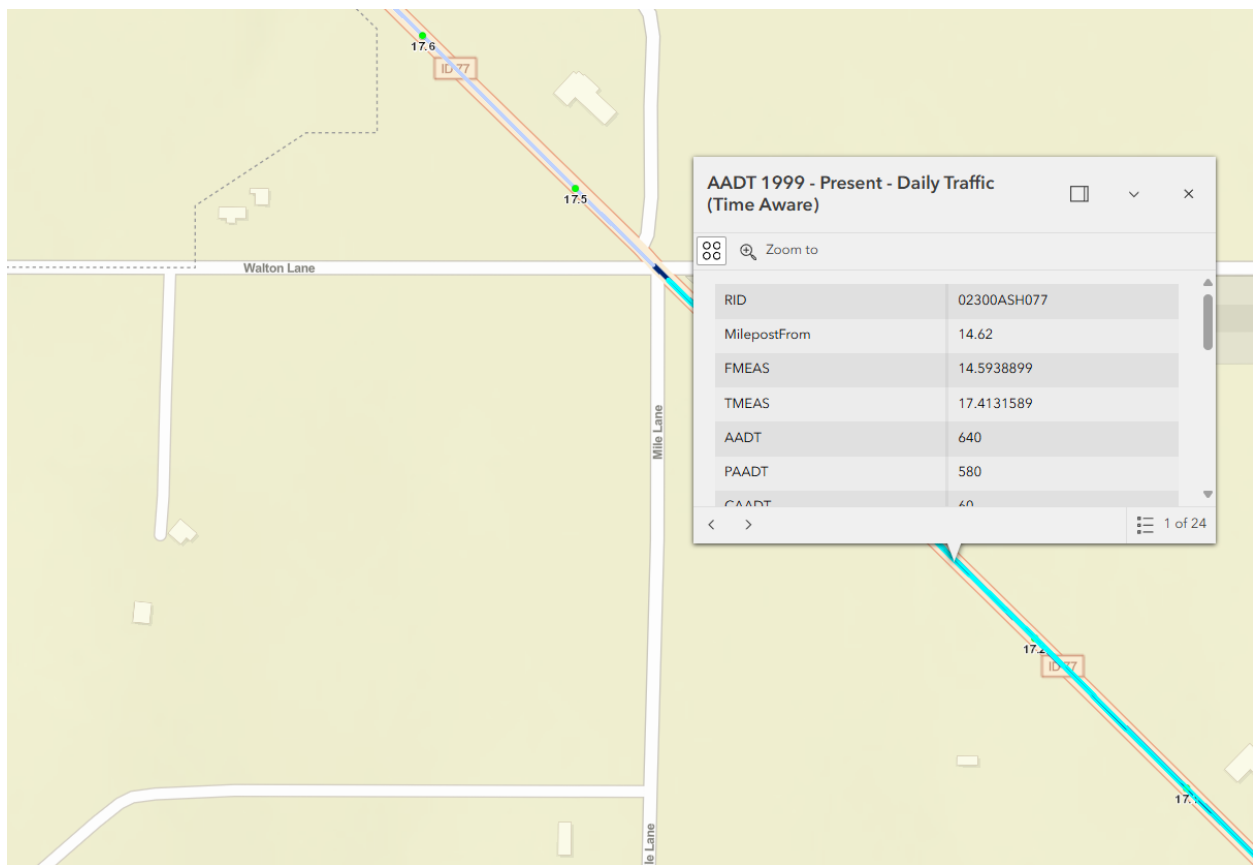


FIGURE 3: ITD TRAFFIC FLOW MAP (REFERENCED FROM ITD WEBSITE)

Summary of Findings

Traffic Manual: Idaho Supplementary Guidance to the MUTCD, the traffic average does not warrant a significant change to this intersection. Current and project traffic volumes in this area are under the minor and major street VPH.

The design of the current intersection can be improved with slightly different geometry to what is currently there. The full plan set for the preliminary design of the proposed subdivision shows the widening and placement of traffic striping that would allow for vehicles approaching the intersection better sign before pulling onto Highway 77. Larger turning radii are proposed as well to help with traffic paths off of Highway 77 onto 1150 East Road. It is recommended when considering an annual 2.00% growth over the next 20 years that a traffic warrant study be done to determine the safety of this intersection given the unique geometry of the intersection.