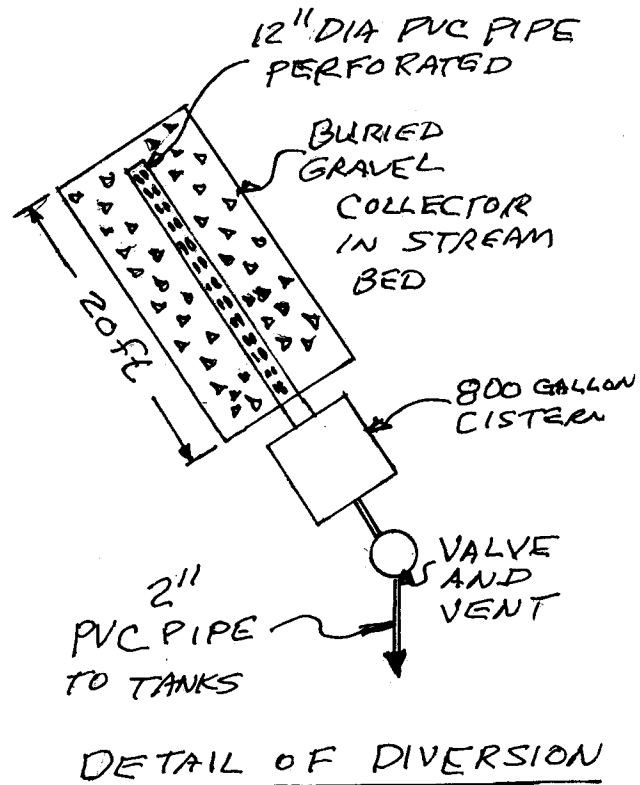
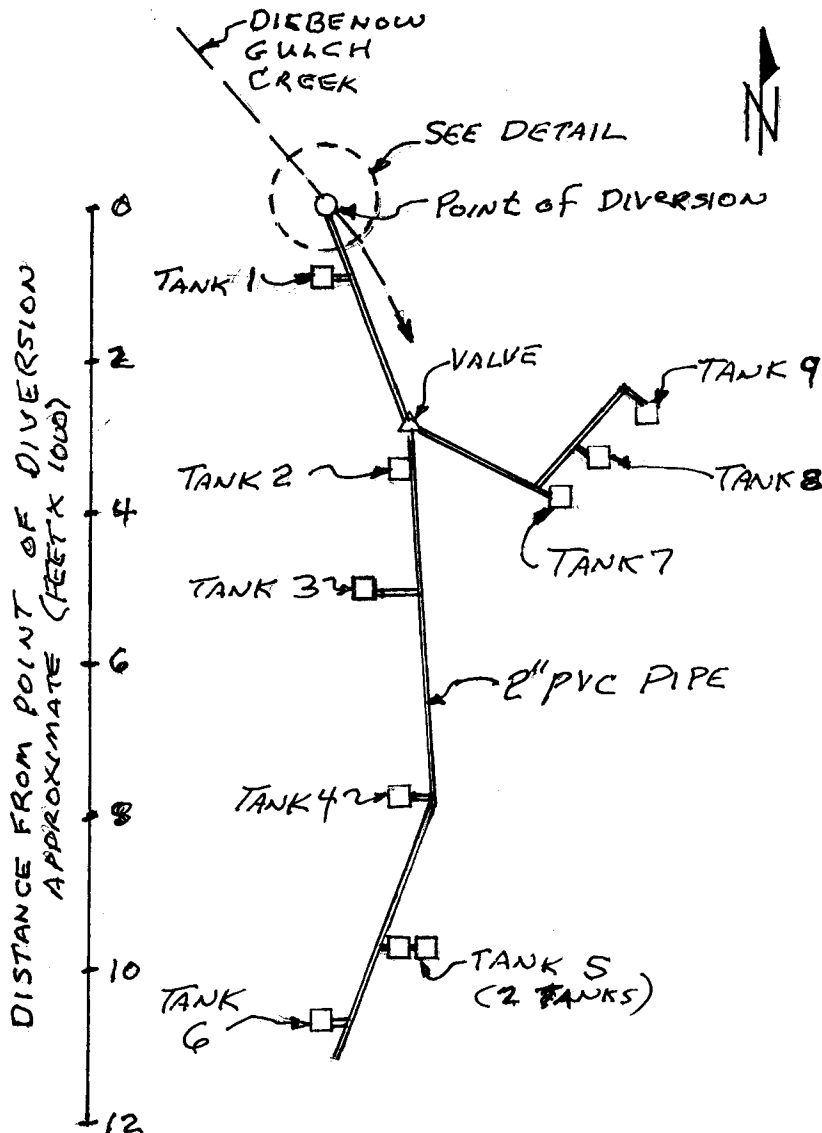


[illegible]

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size / ditch size / pipe i.d. as applicable.



Scale: 1" = **Diagram: Not to Scale**

☒ Copy of USGS Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required).
(See Attachment E)

☒ Aerial Photo Attached
(required for irrigation of 10+ acres)
(See Attachment F)

☒ Photo of Diversion and System Attached
(See Attachment G)

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
N.A (no well or pump)					

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
<u>N.A. (no measurements)</u>						

2. Measurements: See Analysis of System Capacity – Attachment H.**E. NARRATIVE / REMARKS / COMMENTS**(See Description of System – Attachment I)Have conditions of permit approval been met? ☒ yes ___ no

Condition No. 1 required “Proof of Beneficial Use” to be filed on or before November 1, 1995. The document was filed on October 4, 1995.

Condition No. 2 makes Permit No. 37-8832 subject to all prior rights.

Condition No. 3 makes use of water under Permit No. 37-8832 subject to control in Water District 37.

Condition No. 4 allows use of water under Permit No. 37-8832 for watering 150 head of range cattle.

F. FLOW CALCULATIONS☒ Additional Computation Sheets Attached

Measured Method:

(See Attachment H for an Analysis of System Capacity.)

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: (N.A.; irrigation is not a use under this permit.)

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$ _____

$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 =$ _____

$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} =$ _____

2. Volume Calculations for Other Uses:

Annual volume for Stockwatering:

The system provides water for up to 150 head of range cattle from April through November. The system is drained and winterized December into April each year. System has been in use since 1995.

Based upon IDWR's recognized water requirement for range cattle of 12 gallons per day per head ("IDWR Water Rights Adjudication Handbook," Appendix IV), the annual volume beneficially used from this system is:

(150 head)(12 gallons/day/head)(245 days) = 441,000 gallons per year or 1.35 afy (Rounded to 1.4 afy in accordance with Rule 40.01.b., "Beneficial Use Examination Rules," IDAPA 37.03.02).

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use From To	Rate of Diversion Q (cfs)	Annual Volume V (afa)
<u>Stock water</u>	<u>4/1 to 12/1</u>	<u>0.03 cfs</u>	<u>1.4 afa</u>
Totals: <u>0.03 cfs</u>			<u>1.4 afa</u>

2. Recommended Amendments (See Attachment J) and Assignment (See Attachment K)

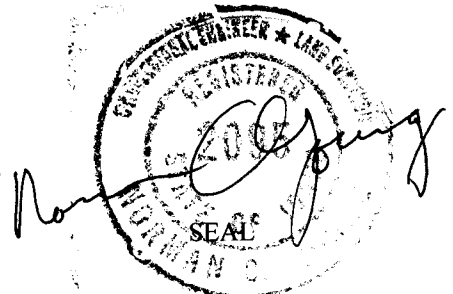
☒ Change P.D. as reflected above ☐ Add P.D. as reflected above ☐ None
☒ Change P.U. as reflected above ☒ Add P.U. as reflected above ☒ Other (Name – Assignment)

Notes: (1) The point of diversion is near the center of the 40-acre parcel. Rule 45.01.c, "Beneficial Use Examination Rules," IDAPA 37.03.02, allows the point of diversion to be determined to nearest 40 acres unless the source is a spring. (2) The location of Tanks Nos. 2, 3, 4 and 5 are near or overlap dividing lines between 40-acre parcels so the recommendation lists each of the 40-acre parcels at or near the tanks be included in the license.

I. AUTHENTICATION

Field Examiner's Name: Norman C. Young, P.E. Date: July 26, 2006
Certified Water Right Examiner, Certificate No. 7-128 (Attachment L)

Reviewer: _____ Date: _____



LIST OF ATTACHMENTS TO
FIELD EXAMINATION REPORT FOR
PERMIT NO. 37-8832

ATTACHMENT "A".	Permit and Proof of Beneficial Use Documents for Permit No. 37-8832.
ATTACHMENT "B".	Documents Related to Incorporation of "Brown Ranch, Inc."
ATTACHMENT "C".	Place of Use Overlap Analysis.
ATTACHMENT "D".	Point of Diversion Overlap Analysis.
ATTACHMENT "E".	Portion of USGS "Bellevue" Quadrangle Map Showing Project Location
ATTACHMENT "F".	Portion of High Resolution Color NAIP Taken from IDWR Website Showing Project Location.
ATTACHMENT "G".	Photographs of Point of Diversion and Places of Use under Permit No. 37- 8832.
ATTACHMENT "H".	Analysis of System Capacity Constructed and Used under Permit No. 37- 8832.
ATTACHMENT "I".	Description of System Constructed and Used under Permit No. 37-8832.
ATTACHMENT "J".	Recommended Amendment.
ATTACHMENT "K".	Recommended Assignment.
ATTACHMENT "L".	Certificate of Appointment as Certified Water Right Examiner.



A

State of Idaho
Department of Water Resources
Permit To Appropriate Water

NO. 37-08832

Proposed Priority: August 23, 1994 Maximum Diversion Rate: 0.03 CFS

This is to certify, that JOHN BROWN INC
247 GLENDALE RD
BELLEVUE ID 83313
has applied for a permit to appropriate water from:

DIEBENOW GULCH tributary of SINKS

and a permit is APPROVED for development of water as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>
STOCKWATER	04/01 to 12/01	0.03 CFS

LOCATION OF POINT(S) OF DIVERSION: SENWSE , Sec. 9, Township 01N, Range 18E
BLAINE County

PLACE OF USE: STOCKWATER

TWN RGE SEC

01N 18E	9	SWSE	
	16	NENE	NESE
	21	SWNE	SENE

CONDITIONS/REMARKS:

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before November 1, 1995.
2. Subject to all prior water rights.
3. Use of water under this right is subject to control by the watermaster of State Water District No. 37.
4. Stockwater use is for 150 range cattle.

This permit is issued pursuant to the provisions of Section 42-204, Idaho Code.
Witness the signature of the Director, affixed at Boise, this

21st day of November, 1994

R. Keith Higginson
for R. Keith Higginson, Director

DEC 06 1994

RECEIVED

OCT 04 1995

Department of Water Resources

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

FOR OFFICE USE ONLY
Amt. of Fee \$: 50.00
Receipt No. 0033662
Receipt By: RT
Date Received: 10-4-95

PROOF OF BENEFICIAL USE

The Idaho Department of Water Resources considers this form a statement that the permit holder(s) has/have completed all development that will occur under this permit and that water has been applied according to the provisions of the permit for the beneficial use(s) described below. This form must be accompanied by a license examination fee, when necessary, or be accompanied by a completed field examination report prepared by a certified water right examiner who has been appointed by the department.

1. Permit No. 37-08832 Telephone No. 208-788-2143
2. Name(s) of Permit Holder(s): JOHN BROWN, INC.
3. Mailing Address: 247 GLENDALE RD., BELLEVUE, ID. 83313
4. Source of Water: DIEBENOW GULCH If GROUNDWATER (well), Date Drilled: mo. ____ / yr. ____
 - a. Well Driller: _____ Drilling Permit Number: ____ - ____ - ____ - ____
 - b. **OPTIONAL:**
Pump Horsepower: _____ Pressure (psi): _____ Dynamic pumping level (ft): _____
5. Use(s) (as authorized by the water right permit):
Domestic (No. of households): _____ Stockwater (No. and type of stock): 150 head beef
Irrigation (No. of acres): _____ Other: _____
6. Total rate of diversion and/or volume for which proof is submitted: .03 cfs OR _____ acre feet
7. Measuring Device Requirement: (refer to the approval conditions on your permit and respond accordingly)
(This question is not optional. Please check either yes or no. Proofs returned not checked accordingly, will be considered incomplete)

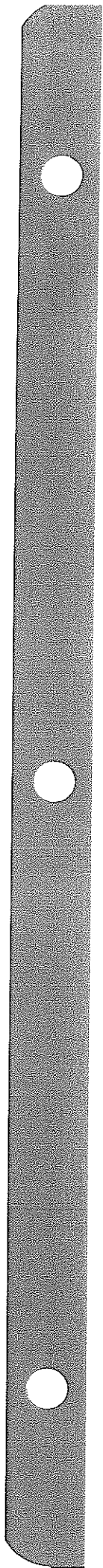
Measuring Device: Is a measuring device required? Yes ____ or No ✓
Has the measuring device been installed? Yes ____ or No ✓

Flow Measurement Port: Is a flow measurement port required? Yes ____ or No ✓
Has the measurement port been installed? Yes ____ or No ✓

8. Fee Enclosed: \$ 50.00 (See Fee Schedule on back of the instructions for filing proof of beneficial use)
9. Person to contact to accompany the Department representative during field examination of the water system.
Name: DANIEL P BROWN Telephone Number: 208-788-2143
Address: BOX 352, HAILEY, ID. 83333
10. The information given on this form is my true statement of the extent to which the above numbered permit has been developed and I relinquish any undeveloped portion of the permit to the State of Idaho.

JOHN BROWN, INC.
Signature of permit holder: Daniel P. Brown President Date: 10-2-95
(include your title, if on behalf of company or organization)

OCT 30 1995



B



IDAHO SECRETARY OF STATE Viewing Business Entity

Ben Ysursa, Secretary of State

[[New Search](#)] [[Back to Summary](#)]
[[Get a certificate of existence for BROWN RANCH, INC.](#)]

BROWN RANCH, INC.

247 GLENDALE ROAD
BELLEVUE, ID 83313

Type of Business: CORPORATION, GENERAL BUSINESS

Status: GOODSTANDING, ANREPT SENT 01 Mar 2006

State of Origin: IDAHO

Date of Origination/Authorization: 05 May 1952

Current Registered Agent: DANIEL P. BROWN
247 GLENDALE ROAD
BELLEVUE, ID 83313

Organizational ID / Filing Number: C25994

Number of Authorized Stock 1 Shares:

Date of Last Annual Report: 08 Mar 2006

Amendments:

Amendment filed 05 May 1952 INCORPORATION

Amendment filed 07 Oct 1980 OTHER - APPT OF RA

Amendment filed 08 Jul 2004 NAME CHANGED TO BROWN RANCH, INC.

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[Download \(TIFF format\)](#)

Annual Reports:

Report for year 2006 ANNUAL REPORT

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210



ARTICLES OF AMENDMENT (General Business)

To the Secretary of State of the State of Idaho
Pursuant to Title 30, Chapter 1, Idaho Code, the undersigned
corporation amends its articles of incorporation as follows:

FILED EFFECTIVE
2004 JUL -8 AM 8:55

1. The name of the corporation is:

John Brown, Inc.

If the corporation has been administratively dissolved and the corporate name is no longer available for use, the amendment(s) below must include a change of corporate name.

2. The text of each amendment is as follows:

Name of corporation changed to "Brown Ranch, Inc." Changes to title and paragraph 1.

Minimum number of directors changed from three (3) to two (2). Change to paragraph 8.

3. The date of adoption of the amendment(s) was: July 1, 2004

4. Manner of adoption (check one):

☐ The amendment consists exclusively of matters which do not require shareholder action pursuant to section 30-1-1002, Idaho Code, and was, therefore, adopted by the board of directors.

☐ None of the corporation's shares have been issued and was, therefore, adopted by the
☐ incorporator ☐ board of directors.

☒ The number of shares outstanding and entitled to vote was 10,000

The number of shares cast for and against each amendment was:

Amended article	Shares for	Shares against
Name Change	10,000	0
Minimum Number of Directors	10,000	0

Customer Acct #:

(if using pre-paid account)

Secretary of State use only

Dated: July 1, 2004

Signed:

Daniel P. Brown

Typed Name: Daniel P. Brown

Capacity: President

g:\corporate\articles of amendment
 general-business.pmd
 Revised 10/2003

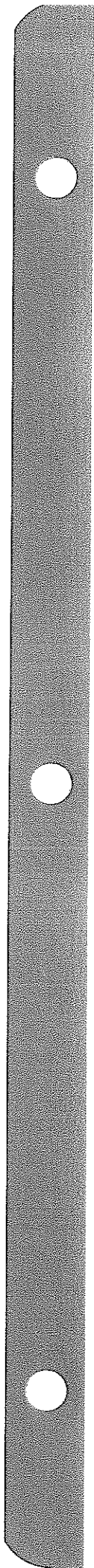
IDAHO SECRETARY OF STATE
07/08/2004 05:00
CK: 9389 CT: 19527 IN: 754451
1 @ 30.00 = 30.00 AMEND PROF # 2

C 25994

No. C 25994	Due no later than May 31, 2006 Annual Report Form	
Return to: SECRETARY OF STATE 700 WEST JEFFERSON PO BOX 83720 BOISE, ID 83720-0080 NO FILING FEE IF RECEIVED BY DUE DATE	1. Mailing Address - Correct in this box, if applicable	
BROWN RANCH, INC. DANIEL P. BROWN 247 GLENDALE ROAD BELLEVUE, ID 83313		
4. Corporations: Enter Names and Business Addresses of President, Secretary, Treasurer, and Vice-President		
<u>Office held</u>	<u>Name</u>	<u>Street or P.O. Address</u>
~~President~~	President Daniel P. Brown	P.O. Box 352
Sec-Treas	Kay E. Brown	P.O. Box 352
Vice-Pres	Nick Brown	2767 Westland Pl
5. Organized Under the Laws of: IDAHO C 25994	6. Signature <u>Daniel P. Brown</u> Name (Typed or Printed) <u>DANIEL P. BROWN</u>	

Issued 03/01/2006

Do Not Tape or Staple



C

IDWR Water Right and Adjudication Search

Note: This search tool is used for both active and inactive water rights. If you want to search only active water rights, please uncheck the box below.

☒ Search for both active and inactive water right records.

Search Results

Type of Query

USAGE INSTRUCTION

☒ All SRBA & Water Rights

SRBA

- ☐ Claims
☐ Recommendations
☐ Both

Water Rights

- ☐ Applications
☐ Permits
☐ Decrees, Licenses and Statutory Claims
☐ Transfers
☐ All of the above

Basin Who What When Where

Clear Search Help

Query parameters:

Township = 1N

Range = 18E

Section = 9

Search for: both active and inactive Records

POU = 1

Information for type: Claim

	Record	Basin	Sequence	Suffix	Version	Basis	Status	Priority Date	Diversion Rate	Source List	Water Uses	Owner List
Details	1	37	14967				Withdrawn	1879-01-01	0.12	UNNAMED STREAM	STOCKWATER, WILDLIFE	
General Provision												

Information for type: Permit

--	--	--	--	--	--	--	--	--	--	--	--	--

	Record	Basin	Sequence	Suffix	Version	Basis	Status	Priority Date	Diversion Rate	Source List	Water Uses	Owner List
Details	2	37	8832				Active	1994-08-23	0.03	DIEBENOW GULCH CREEK	STOCKWATER	JOHN BROWN INC (Current)
Related Documents												
General Provision												

Number of records = 2

IDWR Water Right and Adjudication Search

Note: This search tool is used for both active and inactive water rights. If you want to search only active water rights, please uncheck the box below.

☒ Search for both active and inactive water right records.

Search Results

Type of Query

USAGE INSTRUCTION

☒ All SRBA & Water Rights

SRBA

- ☐ Claims
- ☐ Recommendations
- ☐ Both

Water Rights

- ☐ Applications
- ☐ Permits
- ☐ Decrees, Licenses and Statutory Claims
- ☐ Transfers
- ☐ All of the above

Basin

Who

What

When

Where

Clear

Search

Help

Query parameters:

Township = 1N

Range = 18E

Section = 15

Quarter = NW

Search for: both active and inactive Records

POU = 1

Number of records = 0

IDWR Water Right and Adjudication Search

Note: This search tool is used for both active and inactive water rights. If you want to search only active water rights, please uncheck the box below.

☒ Search for both active and inactive water right records.

Search Results

Type of Query

USAGE INSTRUCTION

☒ All SRBA & Water Rights

SRBA

- ☐ Claims
☐ Recommendations
☐ Both

Water Rights

- ☐ Applications
☐ Permits
☐ Decrees, Licenses and Statutory Claims
☐ Transfers
☐ All of the above

Basin Who What When Where

Clear Search Help

Query parameters:

Township = 1N

Range = 18E

Section = 16

Search for: both active and inactive Records

POU = 1

Information for type: Permit

	Record	Basin	Sequence	Suffix	Version	Basis	Status	Priority Date	Diversion Rate	Source List	Water Uses	Owner List
Details	1	37	8832				Active	1994-08-23	0.03	DIEBENOW GULCH CREEK	STOCKWATER	JOHN BROWN INC (Current)
Related Documents												
General Provision												

Number of records = 1

IDWR Water Right and Adjudication Search

Note: This search tool is used for both active and inactive water rights. If you want to search only active water rights, please uncheck the box below.

☒ Search for both active and inactive water right records.

Search Results

Type of Query

USAGE INSTRUCTION

☒ All SRBA & Water Rights

SRBA

- ☐ Claims
☐ Recommendations
☐ Both

Water Rights

- ☐ Applications
☐ Permits
☐ Decrees, Licenses and Statutory Claims
☐ Transfers
☐ All of the above

Basin

Who

What

When

Where

Clear

Search

Help

Query parameters:

Township = 1N

Range = 18E

Section = 21

Search for: both active and inactive Records

POU = 1

Information for type: Claim

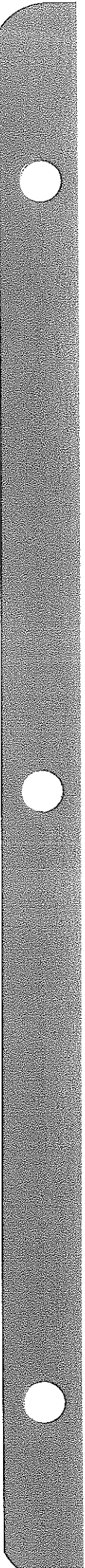
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General Provision												
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General Provision												

Details	3	37	15006				Withdrawn	1879-01-01	0.12	UNNAMED STREAM	STOCKWATER, WILDLIFE	
General Provision												
Details	4	37	15007				Withdrawn	1879-01-01	0.12	UNNAMED STREAM	STOCKWATER, WILDLIFE	
General Provision												
Details	5	37	16928				Withdrawn	1879-01-01	0.12	UNNAMED STREAM	STOCKWATER, WILDLIFE	
General Provision												

Information for type: Permit

	Record	Basin	Sequence	Suffix	Version	Basis	Status	Priority Date	Diversion Rate	Source List	Water Uses	Owner List
Details												
Related Documents	6	37	8832				Active	1994-08-23	0.03	DIEBENOW GULCH CREEK	STOCKWATER	JOHN BROWN INC (Current)
General Provision												

Number of records = 6



D

IDWR Water Right and Adjudication Search

Note: This search tool is used for both active and inactive water rights. If you want to search only active water rights, please uncheck the box below.

☒ Search for both active and inactive water right records.

Search Results

Type of Query

USAGE INSTRUCTION

☒ All SRBA & Water Rights

SRBA

☐ Claims

☐ Recommendations

☐ Both

Water Rights

☐ Applications

☐ Permits

☐ Decrees, Licenses and Statutory Claims

☐ Transfers

☐ All of the above

Basin

Who

What

When

Where

Clear

Search

Help

Query parameters:

Township = 1N

Range = 18E

Section = 9

Search for: both active and inactive Records

POD = 1

Information for type: Claim

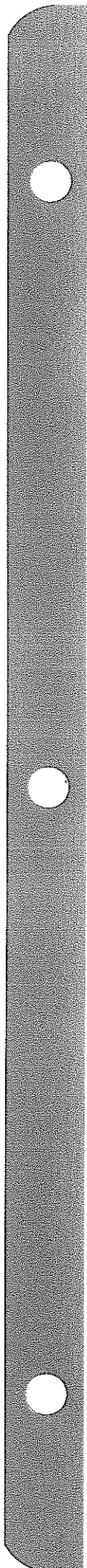
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Details	1	37	14967				Withdrawn	1879-01-01	0.12	UNNAMED STREAM	STOCKWATER, WILDLIFE	
General Provision												

Information for type: Permit

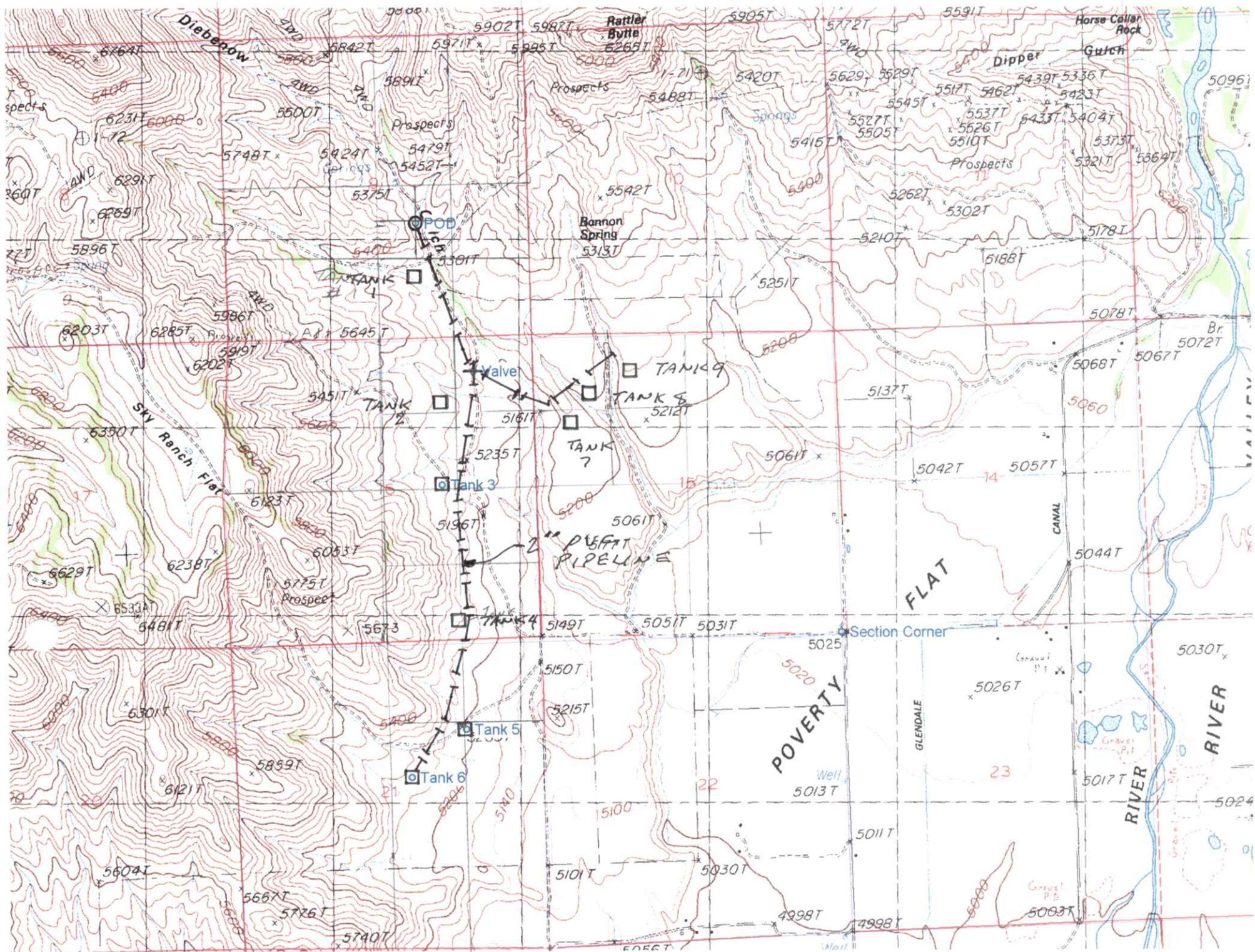
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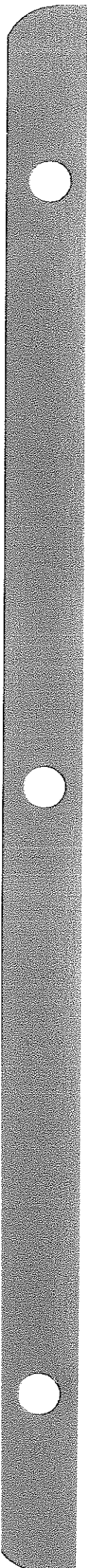
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Details	2	37	8832				Active	1994-08-23	0.03	DIEBENOW GULCH CREEK	STOCKWATER	JOHN BROWN INC (Current)
Related Documents												
General Provision												

Number of records = 2

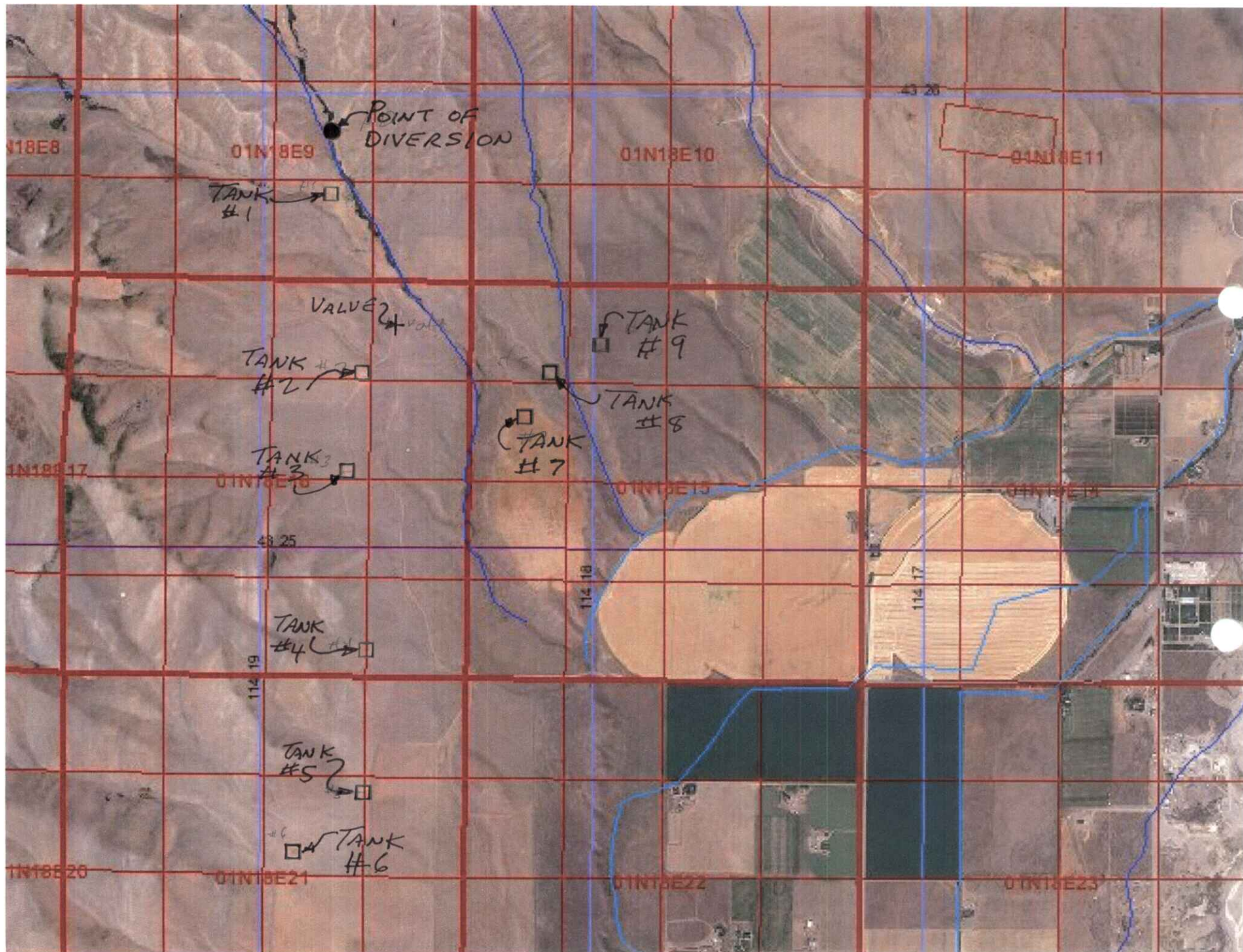


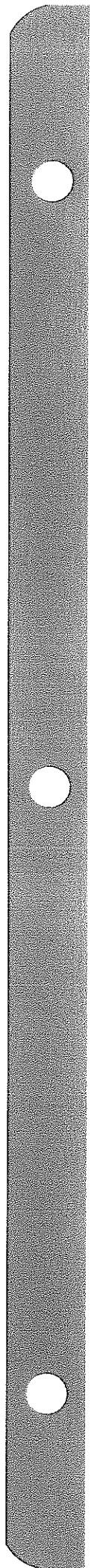
E





F





G



Control Works at Upstream End
of Brown Ranch Livestock
Watering Pipeline

Opening to Cistern

Access to Control Valve
and Air Vent

to Taken May 10, 2006
n Young
nit No. 37-8832

Brown Ranch Livestock Watering Tank No. 3



Photo Taken May 10, 2006
Norm Young
Permit No. 37-8832

Brown Ranch Livestock Watering Tank No. 6

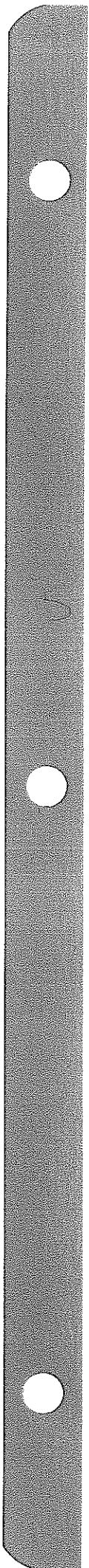


Photo Taken May 10, 2006
Norm Young
Permit No. 37-8832

Brown Ranch Livestock Watering Tank No. 5



Photo Taken May 10, 2006
Norm Young
Permit No. 37-8832



H

ATTACHMENT "H"

ANALYSIS OF SYSTEM CAPACITY CONSTRUCTED AND USED UNDER PERMIT NO. 37-8832

Permit No. 37-8832 does not have a condition of approval requiring a measuring device or access port to be installed or requiring a certified measurement of the diversion capacity. The buried intake and buried pipeline supplying the tanks do not provide ready access for measurement of the diversion rate to the water tanks. Because the permitted diversion rate is relatively small (0.03 cfs), an estimate based upon the physical characteristics of the system can be used to demonstrate that the system is capable of diverting at the authorized rate. Rule 40.04 of the "Beneficial Use Examination Rules," IDAPA 37.03.02, provides for determination of the system capacity without direct measurement for such systems.

The Hazen-Williams Formula ($Q = 1.318ACR^{0.63}S^{0.54}$) can be used to estimate flow rates in pipelines flowing full (Reference: "Ground Water Handbook," Keith Anderson, 1993, page 136). Brown Ranch's pipeline system delivers water to the tanks under pressure assuring that the pipelines are flowing full. At the time of the field examination, Diebenow Gulch Creek was estimated to be flowing in excess of 1 cfs at the location of the point of diversion providing an ample supply for the pipeline system.

The parameters used in the Hazen-Williams Formula are:

- Q is the discharge, cubic feet per second
- A is the cross-sectional area of the pipe, square feet
- C is a coefficient related to the roughness of the pipe (150 for PVC)
- R is the hydraulic radius of the pipe (D/4 for a pipe flowing full), feet
- S is the energy gradient in the pipeline, feet of head per foot of pipe

Estimate of flow rate available at Tank No. 3 (assuming flow to this tank, only).

Estimated distance: 5500 ft; Estimated elevation change: 44 ft; Estimated head: 40 ft (The head apparently available based upon the ground-level elevations is reduced by 4 feet because the water level in the cistern is about 2 feet below land surface and the water level at the tanks is about 2 feet above land surface.)

Because a complete inventory of the fittings used in the pipeline is not readily available, entrance losses and minor losses at tees, valves other fittings are estimated to be equivalent to increasing the pipe length by about ten percent. This is a conservatively large estimate for this system, premised upon the typical losses for pipelines carrying water at a relatively low velocity of 2 feet per second or less (Ibid, pages 145 and 151).

The velocity required to carry 0.03 cfs through the 2 inch PVC pipeline, even assuming the smaller inside diameter of Schedule 40 pipe, is about 1.3 feet per second.

Estimated discharge at Tank 3 = $1.318(0.0252)(150)(2.149/48)^{0.63} (40/6000)^{0.54}$
(2" PVC SCR 21 pipe) = 0.047 cfs (**0.05 cfs** rounded)

(2" PVC Schedule 40) = $1.318(0.0233)(150)(2.067/48)^{0.63} (40/6000)^{0.54}$
= 0.042 cfs (**0.04 cfs** rounded)

Estimate of flow rate available at Tank No. 5 (assuming flow to the two steel tanks at this site, only):

Estimated distance: 9,500 ft; Estimated change in elevation: 114 feet; Estimated head: 110 feet.

Entrance loss and minor losses at tees, valves and other fittings are estimated to be equivalent to increasing the pipe length by 1000 ft.

If PVC SCR 21 pipe: Estimated discharge is: **0.06 cfs**
If PVC Schedule 40: Estimated discharge is: **0.05 cfs** (rounded)

Estimate of flow rate available at Tank No. 6 (assuming flow at this tank, only):

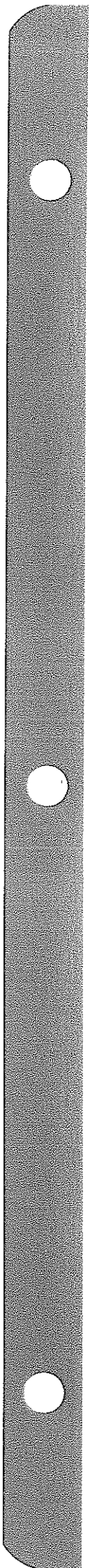
Estimated distance: 10,500 ft; Estimated change in elevation: 55 feet; Estimated head: 51 feet.

Entrance loss and minor losses at tees, valves and other fittings are estimated to be equivalent to increasing the pipe length by 1000 ft.

If PVC SCR 21 pipe: Estimated discharge is: **0.04 cfs** (rounded)
If PVC Schedule 40: Estimated discharge is: **0.03 cfs** (rounded)

Conclusion:

The system has the capability of providing the permitted diversion rate (0.03 cfs) to all of the tanks evaluated, including the tank located most distant from the source.



I

ATTACHMENT "I"

DESCRIPTION OF SYSTEM CONSTRUCTED AND USED UNDER PERMIT NO. 37-8832

The livestock watering facility constructed under Permit No. 37-8832 diverts water from a permeable collector constructed within the channel of Diebenow Gulch Creek into a buried pipeline that serves 9 watering sites with the most distant site located nearly two miles from the point of diversion. The main pipeline serves 6 watering sites (one site has two tanks) and a branch line serves 3 more watering sites.

Intake: Dan Brown, a representative for the permit holder, described the intake buried in the channel of Diebenow Gulch Creek as a 20-foot long, 12-inch diameter perforated PVC pipe encased for its full length in gravel fill having a cross-section of approximately 6 feet deep by 8 feet wide (similar to a Raney Collector). The gravel collector is wrapped with filter fabric. The perforated intake pipe is connected to an 800-gallon cistern buried along the easterly side of the stream. The cistern can be accessed through a man-hole cover (See Photo No. 1, Attachment G). A control valve and air vent are located on the pipeline extending from the cistern to the series of tanks used for stock watering.

Pipeline: Mr. Brown constructed the pipeline in a backhoe-excavated trench. He indicated that the 2-inch diameter PVC pipe used for the entire length of the pipeline has a pressure rating of 200 psi. This corresponds to pipe schedule "SDR 21." The inside diameter of SDR 21 is 2.149 inches (cross sectional area is 0.0252 square feet). Another possibility is that the pipe is PVC Schedule 40 with an inside diameter of 2.067 inches and a cross sectional area of 0.0233 square feet.

Stock watering tanks: The stock watering tanks are of several types. Rubber tires salvaged from earthmoving equipment are used as tanks at most of the sites (Photo Nos. 2 and 3, Attachment G). These tanks have a capacity of 200 to 300 gallons. The steel tanks used at several sites have a capacity of about 500 to 750 gallons (Photo No. 4, Attachment G). All of the tanks are equipped with level control valves so that waste flows do not occur. The tanks are also equipped to prevent entrapment of small animals and birds.

Distance and Elevation Change from Pipeline Intake to the Watering Tanks:

GPS readings were taken at the location of the cistern at the point of diversion and at several of the watering tanks. The readings (NAD83 reference) are:

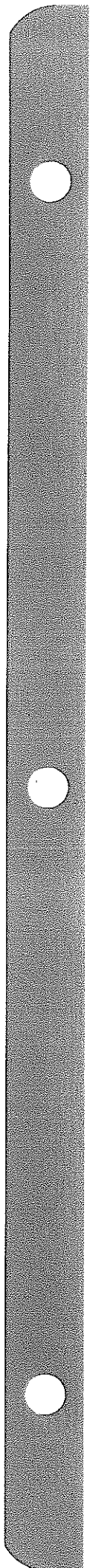
Cistern: Elevation 5340 ft; N 43° 25' 55.2"; W 114° 18' 51.6"

Tank 3: Elevation 5296 ft; N 43° 25' 10.0"; W 114° 18' 47.6"

Tank 5: Elevation 5226 ft; N 43° 24' 27.7"; W 114° 18' 44.1"

Tank 6: Elevation 5285 ft; N 43° 24' 19.7"; W 114° 18' 57.3"

The GPS readings were plotted on the USGS Bellevue quadrangle map (Attachment E). The location of tanks for which GPS readings were not taken was estimated by plotting the locations on the quadrangle map based upon visual observation and comparison of the tank locations and pipeline route observable on IDWR's high-resolution color photomap for the area (Attachment F).



5

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR AMENDMENT OF A PERMIT

4. a. Who owns the property at the point of diversion? Permit Holder

b. Who owns the land to be irrigated at the place of use? Permit Holder and State of Idaho (Section 16)

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing:
Permit Holder has a lease from the State of Idaho, Department of Lands authorizing occupancy of
Section 16 for purposes of livestock grazing.

Complete the following map by showing land and point of diversion as proposed by this amendment.
Show ¼ ¼, section, township, range and ditches. (The smallest subdivision represents 40 acres.)

See attached map showing point of diversion and location of pipeline and stock watering tanks.

Scale: 2 inches equal 1 mile

I hereby request approval of this change subject to the fact that no one will be injured by the change, and that the change will be made at my own risk.

Signed this _____ day of June, 2006. Daniel P. Brown, President
Permit Holder Signature (and title, if for a company or organization)

ACTION OF THE DEPARTMENT OF WATER RESOURCES

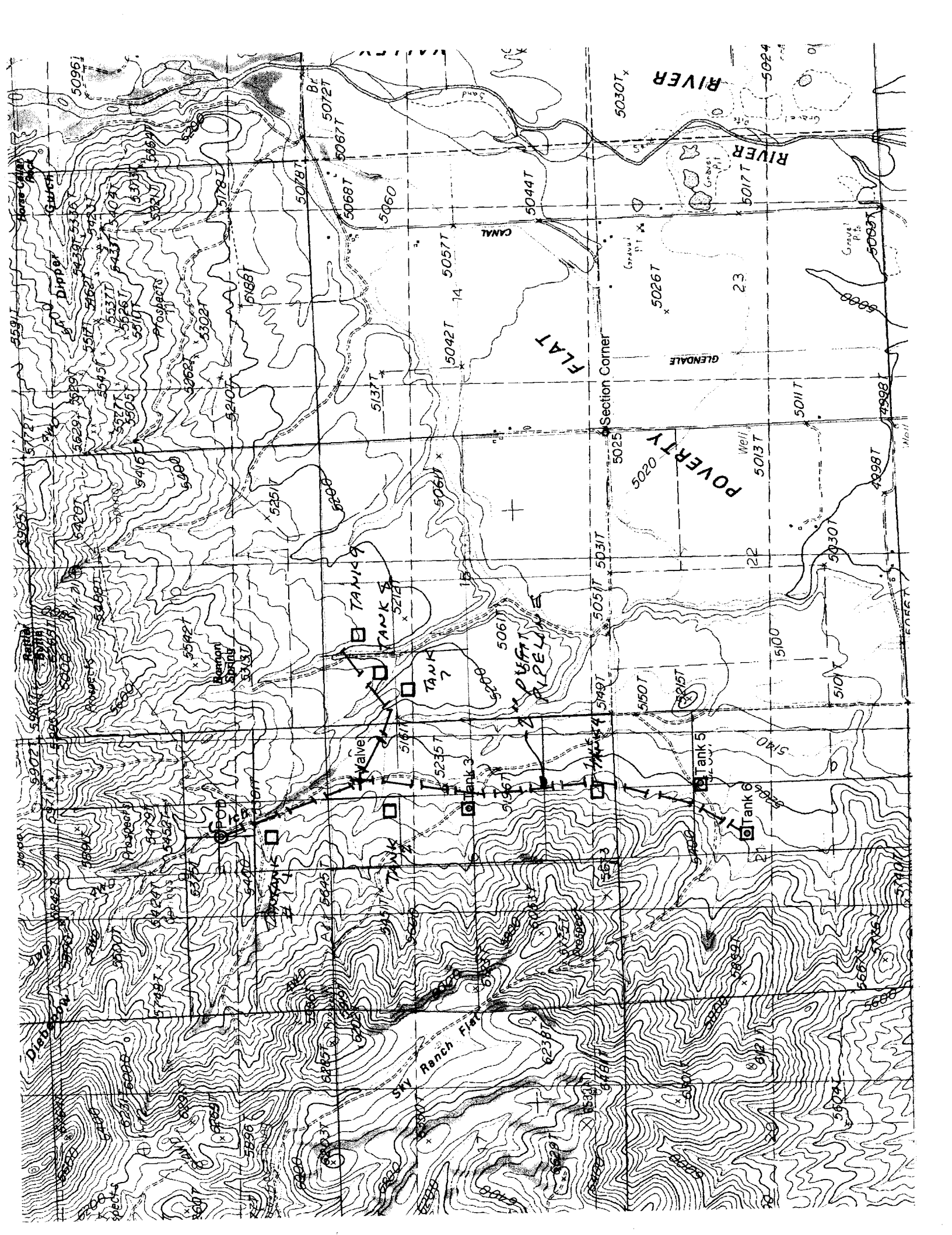
Preliminary check by _____ Publication prepared by _____ Date _____

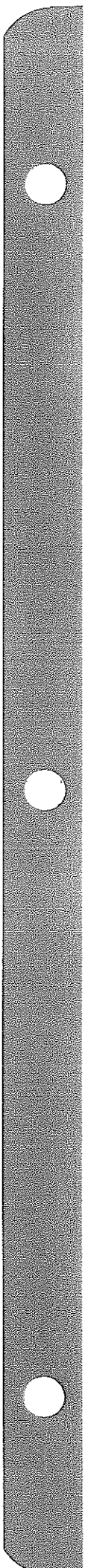
Published in _____ Publication dates _____

I, _____, of the Department of Water Resources hereby

Witness my hand this _____ day of _____, 20____.

SIGNATURE





15

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

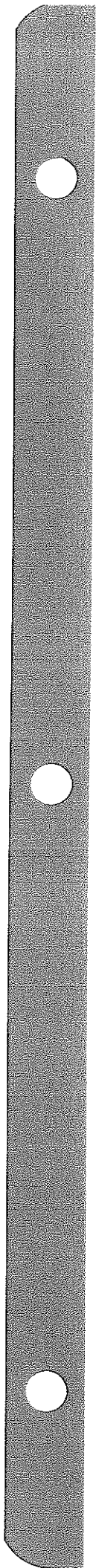
To change the ownership of a permit

All my right, title, and interest in and to Permit No. 37-8832 to appropriate the public waters of the State of Idaho.

The following described portion of my right, title, and interest in and to for
Permit No. _____ to appropriate the public waters of the State of
Idaho. (Describe portion of the permit assigned, listing the number of acres in each 40 acre
subdivision, point of diversion location, and the amount of water in cubic feet per second.)

Permit Holder(s)
Daniel P. Brown, Authorized Agent, John Brown, Inc.

My commission expires: _____



7

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

CERTIFICATE OF APPOINTMENT

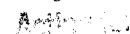
CERTIFICATION NO. 7-128

This is to certify that I have on this day appointed Norman C. Young, P.E. as a *CERTIFIED WATER RIGHT EXAMINER*. This appointment is valid until March 31, 2007 unless revoked by the Director in compliance with applicable law and existing rules of the Department and regulations.



This certificate has been issued and the seal of the Director affixed at Boise, Idaho this 31st day of March, 20 06



 Director