

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
IN-OFFICE REVIEW/BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATIONPermit No: 57-11608

Exam Date: 08/29/2019

1. Does this qualify for an in-office field exam (IDAPA 37.03.02.035.01.r)? X Y N
- Irrigation of 5 acres or less
 - Storage of up to 14.6 AF for stockwater purposes only
 - Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less
 - Other < >

2. Current Owner: Name: Ted and/or Charlotte Sherburn
 Owner of Record Correct? X Y N
 Address of Record Correct? X Y N
 If No: Address

Please note the property is currently owned by Charles and Nancy Castro at the same address. I have sent a letter with a Change of Ownership form to the new owners of the property on 8/29/2019.

3. Beneficial Use Fees have been paid: X Y N Receipt No: C0

4. **SOURCE** **TRIBUTARY**

Groundwater

Method of Determination: Well Driller Report and ArcGISChange in Source: Y X N**B. OVERLAP REVIEW**

1. Other water rights with the same place of use: X NO Overlap

Water Right No.	Source	Purpose of Use	Basis
N/A			

Comments: A review of the property shows no overlapping water rights.

2. Other water rights with the same point of diversion: X NO Overlap

Water Right No.	Source	Purpose of Use	Basis
N/A			

Comments: A review of the property shows no overlapping water rights.

C. DIVERSION AND DELIVERY SYSTEM

1. **LOCATION OF POINT(S) OF DIVERSION:**

Source	Govt. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.		County
Domestic Well			NE	NW	26	02S	02W	B.M.	OWYHEE
								B.M.	
								B.M.	

Method of Determination: Well Drillers Report and ArcGIS

Change in POD? X N Amendment Required? X N2. **PLACE OF USE:** Use: ~~Irrigation~~ DOMESTIC (D) AND STOCKWATER (S). -AA 10/31/19

TWP	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
02S	02W	26					D S												
		Lot #																	
Total Acres =																			

Method of Determination: Tax parcels and ArcGISChange in POU? X N Amendment Required? X N Delivery System Diagram Attached (required). Indicate all major components and distances between components.

Indicate weir size/pipe as applicable.

 Aerial Photo Attached (required for irrigation of 10+ acres). Photo of Diversion and System Attached

4. Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
D0019665	Unknown				

*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
N/A						

2. Measurements: This field exam was done as an in-house exam so no measurement was required.**E. FLOW CALCULATIONS** Additional Computation Sheets Attached

Measured Method:

No measurement was possible due to the in-house field exam so I relied on administrative processing memorandum #3 and #22 for the stockwater and domestic diversion rates and volumes.

Administrative memo #3 = 0.02 cfs for 11-25 head (permit states 30 head and proof of beneficial use states 20 head).

Permit = 0.02 cfs

Administrative memo #22 = 0.04 cfs for in-house use and up to half acre of yard irrigation.

Permit = 0.04 cfs

Per Administrative memos total diversion rate = 0.06 cfs

Permit = 0.06 cfs

I am recommending 0.02 cfs for stockwater and 0.04 cfs for domestic use for a total of 0.06 cfs.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\hspace{2cm}}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = \underline{\hspace{2cm}}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{\hspace{2cm}}$$

2. Volume Calculations for Other Uses:

No measurement was possible due to the in-house field exam so I relied on administrative processing memorandum #3 and #22 for the stockwater and domestic diversion rates and volumes.

Administrative memo #3 = 0.4 afa for 11-25 head (permit states 30 head and proof of beneficial use states 20 head).

Administrative memo #22 = 1.2 afa for in-house use and up to half acre of yard irrigation.

I am recommending 0.4 afa for stockwater and 1.2 afa for domestic use for a total of 1.6 afa.

G. PURPOSE OF USE

Irrigation ☐ Y ☐ N # Stock 20-30 head Domestic # of Homes 1

Other: ☐ < ☐ >

Change in Purpose of Use? ☐ Y ☒ X ☐ N

Method of Determination: Application for Permit and Proof of Beneficial Use Statement.

If Yes: From Use To Use Amount CFS AFA

H. NARRATIVE/REMARKS/COMMENTS

Several attempts were made to set up a field examination with the new owners to no avail therefore, we performed an in-house field examination on this right since it qualifies per the administrative rules.

A review of the property was conducted in ArcGIS. The well location was verified with the well log. There are no overlapping water rights at the point of diversion and no overlapping water rights at the place of use. The domestic place of use was restricted to the area surrounding the house to include yard irrigation (within the NENW). The stockwater place of use remains within the 40 acre tract of the NENW.

The Sherburn's no longer own the property. Owyhee County tax information states that the property is currently owned by Charles and Nancy Castro at the same address. I have sent a letter to the Castro's with a Change of Ownership form on 8/29/2019. I stated that the water right will remain in the name of the Sherburn's until a change in ownership is received.

The permit states 30 head and the submitted Proof of Beneficial Use states 20 head therefore, I used Administrative Memo #3 (0.4 afa for 11-25 head) for licensing.

All of the conditions will be removed at licensing except for condition X01.

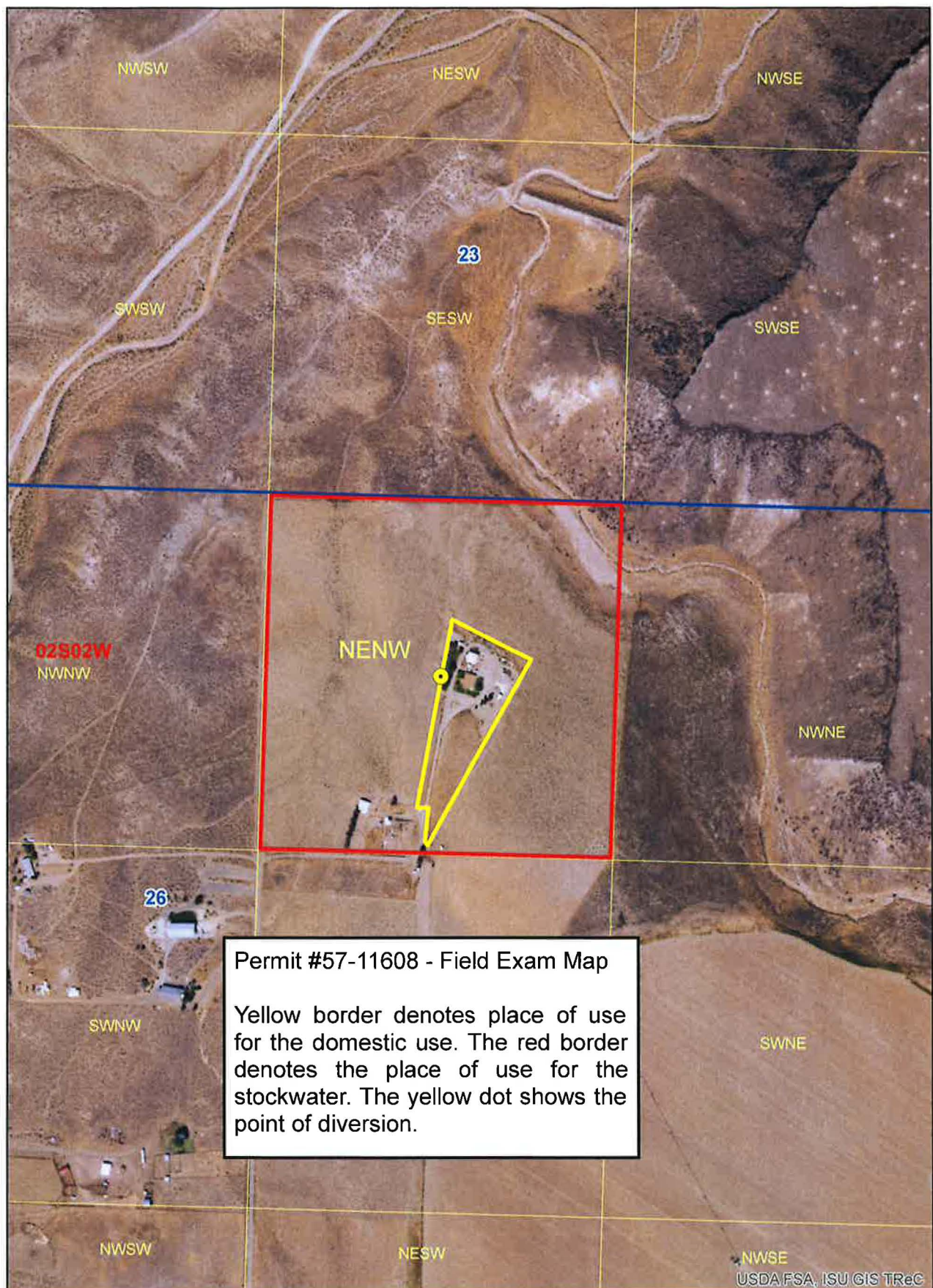
Have conditions of permit approval been met? ☒ Yes ☐ No**I. RECOMMENDATIONS****1. Recommended Amounts**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
Domestic	01/01 to 12/31	0.04 CFS	1.2 AF
Stockwater	01/01 to 12/31	0.02 CFS	0.4 AF
	<u>Totals:</u>	0.06 CFS	1.6 AF

2. Recommended Amendments☐ 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 ☒ None

Other: < >

J. AUTHENTICATION - Jes Erling: Water Resource Agent, Sr.Field Examiner's Name Jes Erling Date 8-29-19Reviewer Daniel A. [Signature] Date 8-29-19





State of Idaho

DEPARTMENT OF WATER RESOURCES

322 East Front Street, Suite 648 • PO Box 83720 • Boise, Idaho 83720-0098
Phone: (208) 287-4800 • Fax: (208) 287-6700 • Website: www.idwr.idaho.gov

BRAD LITTLE
Governor

GARY SPACKMAN
Director

August 29, 2019

Charles and Nancy Castro
16684 Rimrock Ln.
Murphy, ID 83650

RE: Water Right Permit 57-11608

Dear Mr. and Mrs. Castro:

We have made several attempts to meet with you in the past to schedule a field examination of the above water right permit. Due to the size of this permit we are able to perform an examination of the water right permit without going into the field. Therefore, I am moving forward with the licensing of this permit.

The permit is still in the name of Ted and Charlotte Sherburn, so the permit will be licensed in their name if we do not receive a change of ownership or assignment of permit prior to the license being issued. You will be able to change the ownership into your name after the permit has been licensed using the attached Change of Ownership form. We will include you in all of our correspondence but the water right will remain in the name of the Sherburn's until the Ownership form is received.

I have attached copies of the Change of Ownership form for your convenience. If you have any questions please contact me at 208-287-4956.

Sincerely,

Jes Erling
Water Resource Agent, Sr.

Enclosures: Change of Ownership Form

IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

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

1. DRILLING PERMIT NO. - - -D-0019-665

Other IDWR No. _____

2. OWNER:

Name Ted Sherburn

Address 1 Delmare Ave (Box 41)

City Murphy State ID Zip 83650

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location

N

W		Twp. <u>2</u> North ☐ or South ☒
		Rge. <u>2</u> East ☐ or West ☒
		Sec. <u>26</u> 1/4 NE 1/4 NW 1/4 10 acres 40 acres 160 acres

Gov't lot _____ County Owyhee

Lat: _____ Long: _____

Address of Well Site Rim Rock Ln-102

City Murphy

(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	
Cuttings	0	3'		Overbore
Bentonite	3'	20'	10S	Overbore

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 39'

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

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6"	+1'	39'	.250	Steel	☒	☐	☒	☐
4 1/2"	27'	367'	Sc40	PVC	☐	☒	☐	☒

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS

☒ Perforations Method saw
☐ Screens Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
327'	367'	1/4"	420	4.5"	PVC	☐	☒
		X4"				☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

226ft. below ground Artesian Pressure _____ lb
Depth flow encountered _____ ft. Describe access port or control devices: _____

11. WELL TESTS:

☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Pumping Level	Time
30		320'	1 HR.

Water Temp. 64° Bottom hole temp. _____

Water Quality test or comments: _____

Depth first Water Encountered _____

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Water				Y	N
Bore Dia	From	To	Remarks: Lithology, Water Quality & Temp.		
10"	0	2'	Brown/Grey Sand		
10"	2'	8'	Brown Sandy Clay		
10"	8'	20'	Hard Brown Clays		
6"	20'	70'	Hard Brown Clays		
6"	70'	150'	Blue Clay		
6"	150'	155'	Black Lava		
6"	155'	156'	Cracks		
6"	156'	201'	Black Lava		
6"	201'	210'	Fractured		
6"	210'	220'	Black Lava		
6"	220'	235'	Fractured		
6"	235'	330'	Black Lava		
6"	330'	352'	Clear Cemented Sand		
6"	352'	357'	Grey Clay		
6"	357'	368'	Clear Cemented Sand		

RECEIVED

MAR 20 2002

WATER RESOURCES
WESTERN REGION

Completed Depth: 368 (Measurable)

Date: Started 2/21/02 Completed 2/23/02

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 Down Right Drilling & Pump Firm No. 637

Firm Official [Signature] Date 2-25-02

Supervisor or Operator _____ Date _____
(Sign once if Firm Official & Operator)

Date: 02/25/02 Time: 8:51 AM

Drilling Permit No. P 0019665

Drilling Permit I.D. Tag No. 870292-773935

Water Right Permit No. 57-11608

Injection Permit No. _____

RECEIVED

FEB 22 2002

WATER RESOURCES
WESTERN REGION

State of Idaho
Department of Water Resources

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

1. Owner (please print): TED ~~Shelburn~~ Sherburn
2. Mailing Address: 1 DELMARE AVE.
City: MURPHY State: ID Zip Code: 83650 Telephone: 495-2937
3. Proposed Well Location: Twp. 2S Rge. 2W Sec. 26 E 1/4 44 NE 1/4 NW 1/4
Gov't Lot No. _____ County OWY Lat. _____ Long. _____
Street Address of Well Site Rim Rock Ln - 102 City MURPHY
Give at least name of road + Distance to Road or Landmark
Lot, block and subdivision _____

4. Proposed Use of Well:

- ☒ DOMESTIC: The use of water for homes, organization camps, public campgrounds, livestock (1,000 head or less) and for any other purpose in connection therewith, including irrigation of up to 1/2 acre of land, if the total use is not in excess of 13,000 gpd; or any other uses, if the total use does not exceed a diversion rate of 0.04 cfs and a diversion volume of 2500 gpd.

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

NON-DOMESTIC: ☐ Irrigation ☐ Municipal ☐ Industrial
☐ Stock ☐ Test ☐ Other _____
(Over 1,000 Head) (Describe)

☐ INJECTION

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

5. Well Construction Information:

A. ☒ New well ☐ Modify ☐ Replace

B. Proposed Casing Diameter 6" Proposed Maximum Depth 300

C. Anticipated bottom hole temperature:

☒ 85°F or less
(Cold Water Well)

☐ 85°F to 212°F
(Low Temp. Geo. Well)

☐ 212° F. or more
(Geothermal Well)

6. Construction Start Date: 2-21-02

7. Anticipated Well Driller: Down Right well Drilling & Pump Co. Driller's Lic. No. 637
NOTE: The actual well driller must be identified prior to drilling.

8. Applicant's Signature: Neuf-King (owner) Date 2-20-02

Address (if different than owner): _____

City: _____ State: _____ Zip Code: _____ Telephone: _____

Title: _____

(Owner, Firm Representative, Other)

**ACTION OF THE DEPARTMENT OF WATER RESOURCES
APPROVED**

This Permit is _____

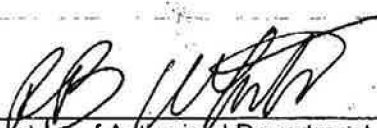
Date 2/22/02

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

GENERAL CONDITIONS:

1. This drilling permit is valid for two (2) months from the above approval date for the start of construction and is valid for one (1) year from the approval date for completion of the well unless an extension has been granted.
2. This permit does not constitute an approval of the District Health Department or the Idaho Department of Health and Welfare which may be required before construction of this well. All wells must be drilled a minimum distance of 100 feet from a drain field. Domestic and Public Water Supply wells must be drilled a minimum of 50 feet and 100 feet respectively from a septic tank.
3. The well shall be constructed by a driller currently licensed in the State of Idaho who must maintain a copy of the drilling permit at the drilling site.
4. Approval of this drilling permit does not authorize trespass on the land of another party.
5. This permit does not constitute other local, county, state or federal approvals which may be required for construction of a well.
6. This drilling permit does not represent a right to divert and use the water of the State of Idaho.
7. If a bottom hole temperature of 85° or greater is encountered, well construction shall cease and the well driller and the well owner shall contact the Department immediately.
8. Idaho Code, S 55-2201 - 55-2210 requires the applicant and/or his contractors to contact "Digline" (DigLine is a one-call center for utility notification) not less than 2 working days prior to the start of any excavation for this project. The "DigLine" Number for your area is 1-800-342-1585.

SPECIFIC CONDITIONS:

 For:

Signature of Authorized Department Representative

MANAGER
WESTERN REGIONAL OFFICE

Title

Receipt No. _____ Received by _____ Fee _____ Date _____

EXTENSION OF DRILLING PERMIT

Extension approved by _____ Approval Date _____

This extension expires: _____

Water Application Report 57-11608

WATER RIGHT NUMBER: 57-11608

Name and Address

TED SHERBURN
PO BOX 41
MURPHY, ID 83650
(208)495-2937

weil Driller

EARL SKINNER

CHARLOTTE SHERBURN
PO BOX 41
MURPHY, ID 83650
(208)495-2937

Down Right Drilling
and Pump

Status: Active

Tributary

GROUND WATER

Annual Volume

0.020 CFS

0.040 CFS

Total Diversion: 0.060 CFS

Location of Point(s) of Diversion

Sec. 26, Twp 02S, Rge 02W, B.M.

OWYHEE County

Place of Use

STOCKWATER

[illegible]

DOMESTIC

[illegible]

IDAHO DEPARTMENT OF WATER RESOURCES

Water Application Report 57-11608

Conditions of Approval:

Remarks:

Comments:

1. Imattson 1/2/2002 Comment/Analysis

Comment: The stockwater use for this application is for 30 head of cattle. There are no significant overlapping rights.

Dates and Other Information:

Application Received Date: 12/28/2002

Application Denied Date:

Last Date of Beneficial Use:

Extension End Date:

Protest Deadline Date: 2/4/2002

Number of Protests: 0

Enlargement Use Priority Date:

Enlargement Statute Priority Date:

State or Federal:

Owner Name Connector: AND/OR

Water District Number:

Generic Max Rate Per Acre:

Generic Max Volume Per Acre:

Application Type: New Appropriation

Applicant Remarks:

Other Water Rights: none

Time to Complete Works: 2

Transfer Affected Description:

Transfer Affected Contracts:

Old Transfer Number:

Transfer Reason:

Transfer Return Flows:

Swan Falls Trust or Nontrust:

Swan Falls Dismissed:

DLE Act Number:

Carey Act Number:

Mitigation Plan: False