

State of Idaho
License and Certificate of Water Right

Water License No. G-28781

Amount 0.28 c.f.s.

Water District No.

Priority June 9, 1960

THIS IS TO CERTIFY that U.S.A., DEPT. OF ARMY, CORPS OF ENGINEERS
of Walla Walla, Washington, made application for a permit to appropriate the
public waters of the State of Idaho, dated June 9, 1960; that Permit No. G-28781
was issued under said application; that Certificate of Completion of works, with a carrying capacity of
0.28 second feet, was issued thereunder on January 9, 1962, showing that said works
were completed on the 24th day of February, 1961; and that on the 24th
day of February, 1961, U.S.A., DEPT. OF ARMY, CORPS OF ENGINEERS

of Walla Walla, State of Washington, made proof to the satisfaction of the
State Reclamation Engineer of Idaho, of the right to use the waters of a well
, a tributary of subterranean flow, for the purpose of military use
, under Use Permit No. G-28781 of the Department of Reclamation
and that said right to the use of said waters has been perfected in accordance with the laws of Idaho,
and is hereby confirmed by the State Reclamation Engineer of Idaho and entered of record in Volume
12 of Licenses at page 7237, on the 9th day of January, 1962;
The right hereby confirmed dates from June 9, 1960;

The Point of Diversion is located
in the NE 1/4 SE 1/4, Sec. 4, Tp. 9 S, R. 5 E, B. M. Owyhee County

That the amount of water to which such right is entitled and hereby confirmed, for the purposes
aforesaid, is limited to an amount actually needed and beneficially used for said purposes, and shall
not exceed 0.28 cubic feet per second.

Description and location of use:

Twp.	Range	Sec.	Forty-acre Tract	No. Acres Described in Permit	No. Acres Actually Irrigated
9 S	5 E	4	NE 1/4 SE 1/4 For military use. 2 wells for standby operation in other.	2 wells	90 feet apart, one case of failure of the other.

The right to the use of the water aforesaid hereby confirmed is restricted to the lands or place
of use herein described, as provided by the laws of Idaho.

WITNESS the seal and signature of the State Reclamation Engineer, affixed at Boise, Idaho, this

9th day of January, 1962

/s/ RALPH W. THOMAS
Deputy State Reclamation Engineer.

(SEAL)

APPLICATION FOR PERMIT To Appropriate the Subterranean Waters of The State of Idaho

51-2159

Application No. G- 36764

Permit No. G- 28781

District No.

1. Name of Applicant: United States of America, Acting by and through the Department of
the Army, Corps of Engineers, Walla Walla District
Postoffice address: City-County Airport County: Walla Walla State: Washington

2. Quantity of water claimed: 240 G.P.M.

(a) Rate of withdrawal in cubic feet per second 0.53 or Idaho
Miners' inches or gallons per minute

(b) Annual withdrawal in acre feet per annum

3. Source of water supply: Subterranean source located approximately 2076 feet below
surface

4. Location of point of diversion or well is in the NE 1/4 of the SE 1/4 of Section 4
Twp. 9 S , Rge. 5 E , B.M., County of Owyhee

5. Water is to be used for: Military purposes

6. If for municipal, industrial or recreational purposes, give:

(a) Point of use of water is in the NE 1/4 of the SE 1/4 of Section 4 , Twp. 9 S
Rge. 5 E , B.M.

(b) Waste water or sewage effluent is to be returned to
at a point in the 1/4 of the 1/4 of Section , Twp. , Rge. , B.M.

7. Kind of works: Military

8. Estimated cost of works: \$

9. (a) Is reservoir to be used? No

(b) Capacity of reservoir:

10. The time required for the completion of such work and complete application of the water to the proposed use is 5
years.

11. If applicant is a corporation, give:

I. (a) Date and place of incorporation:

(b) Amount of capital stock: \$

(c) Amount paid in: \$

(d) Names and addresses of directors:

II. The financial resources of the applicant are (a) Cash on hand: \$

(b) Treasury stock:

(c) Bonds to be issued:

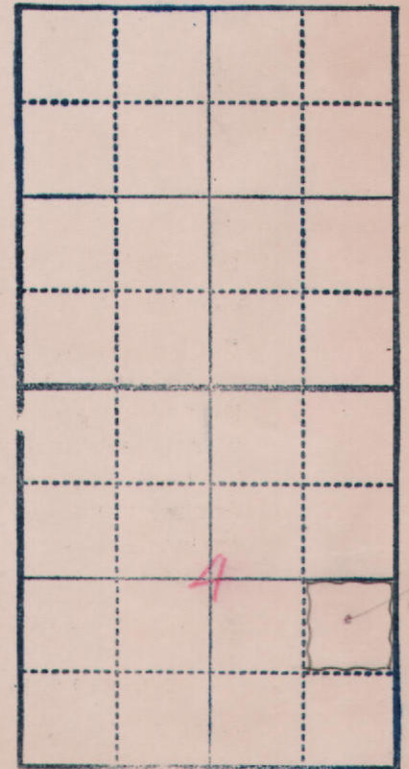
(d) Other resources:

12. The land to be irrigated is described in the following tabulation:

13. Existing water rights and/or valid permits appurtenant to the lands to be irrigated are:

(a) (cubic feet per second, inches or gallons per minute) of the water herein applied for is to be supplemental to the existing water rights.

(b) (cubic feet per second, inches or gallons per minute) is for new lands.



Remarks: The land on which the well has been drilled is being withdrawn from the public domain for use by the Department of the Air Force. NOTE: This application is for Well No. 2 at this location. Application for Well No. 1 was forwarded 29 March 1960

BE IT KNOWN THAT The undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.

United States of America, Acting by and through
Department of the Army, Corps of Engineers,
Walla Walla District

By s/ Max K. Tysor, Contracting Officer ~~42006~~

Date of first receipt at Department of Reclamation: 9:00 A. M. June 9, 1960

Returned to applicant for correction:

Corrected application received:

Approval of State Reclamation Engineer

The number of this permit is G— 28781

Recorded in Book 101 Page 28781 Approved June 16, 1960

This is to certify that I have examined the within application for a permit to appropriate the public waters of the State of Idaho, and hereby approve the same, subject to the following limitations and conditions:

Bond in the sum of \$ to be filed on or before

Work to begin on or before and to continue diligently and uninterruptedly to completion, unless temporarily interrupted by circumstances over which the permit holder has no control.

One-fifth of the work above specified to be completed on or before December 16, 1962

The whole of said work to be completed and beneficial use of water appropriated in accordance herewith, to be made and proofs offered on or before June 16, 1965

Witness my hand this 16th day of June, 1960

s/ GEO. N. CARTER
STATE RECLAMATION ENGINEER.

IN TESTIMONY WHEREOF, We, W. E. DREVLLOW, Acting Governor of the State of Idaho, and ARNOLD WILLIAMS, Secretary of State of the State of Idaho, have caused this instrument to be executed in the name of the State of Idaho, and caused the Great Seal of the State of Idaho to be hereunto affixed, this 16th day of June, 1960, 19.

Countersigned.

STATE OF IDAHO

(SEAL)

By s/ ARNOLD WILLIAMS

Secretary of State.

By s/ W. E. DREVLLOW

Acting Governor

12.

Twp.	Range	Sec.	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	Totals
			NE $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$	NE $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$	NE $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$	NE $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$	
			Permit No. G-28781 CERTIFICATE OF COMPLETION OF WORKS				
			TO ALL WHOM IT MAY CONCERN:				
			This is to certify that U.S.A., DEPT. OF ARMY, CORPS OF ENGINEERS of Walla Walla, County of Walla Walla, and State of Washington, the holder of Permit No. G-28781, issued upon Application No. G-36764 bearing date of priority of June 9, 1960, authorizing the diversion of 0.53 second feet of waters of a well County of Owyhee, State of Idaho, for military purposes, has fully complied with the provisions of the laws of the State of Idaho relating to the proof of completion of the works of diversion set out and described in said Permit; that said works are adequate for diverting and conveying to the place of intended use 0.28 second feet of the waters of a well from subterranean flow that the point of diversion of said waters NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 4, T. 9 S., R. 5 E., B.M. There are 2 wells located 90 feet apart, one of which is for standby operation in case of failure of the other. The place of use of said water is described as follows, to-wit: For military use in the NE $\frac{1}{4}$ SE $\frac{1}{4}$ of Sec. 4, T. 9 S., R. 5 E., B.M.				
			Witness my hand this 9th day of January, A. D. 1962.				
			/s/ RALPH W. THOMAS Deputy State Reclamation Engineer				
			Proof of Completion of Works Made: February 24, 1961				
			LICENSE ISSUED FOR 0.28 SEC. FT.				
			page 7237				



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Boise, ID 83706 - P.O. Box 83720, Boise, ID 83720-0098
Phone: (208) 327-7900 Fax: (208) 327-7866 Web Site: www.idwr.state.id.us

DIRK KEMPTHORNE
Governor

KARL J. DREHER
Director

March 13, 2001

Dana L. Hofstetter
Beeman and Hofstetter, P.C.
P.O. Box 1427
Boise, Idaho 83701-1427

Re: Water Right No. 51-02159 Environmental Services of Idaho, Inc. (ESII)

Dear Dana:

Your letter of December 14, 2000, requests a confirmation of Idaho Department of Water Resources' policy concerning the need for a water right for environmental monitoring purposes. I have reviewed the transfer application filed March 2, 1998 and its associated water right file and discussed the matter with you in a telephone conversation. Although the facts concerning the projects are different, the discussion concerning when a water right is needed, that was included in the August 19, 1996 letter enclosed with your recent letter, is relevant to the question you pose.

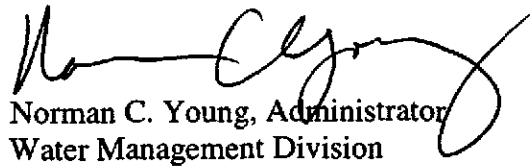
The 1996 letter responds to whether a water right is needed and can be issued for two pump-and-treat ground water cleanup projects. The letter describes that a water right is required and can be issued if: 1) there is an intent to establish a water right, 2) the water will be diverted, and 3) the water will be placed to a beneficial use. Because these factors were not satisfied by the diversion of water for the pump-and-treat projects, a water right could not be issued. However, because of the public interest in having ground water cleaned up, an agreement was offered to assure that the Department would not take enforcement action to prevent diversion of water unless the diversion was determined to injure other water rights.

As we discussed, application of the policy described in the 1996 letter to the ESII project and entering into an agreement will make a water right unnecessary for the water quality monitoring project. However, ESII may choose to seek a water right to assure that the water quality monitoring can be continued in the future if state law, rules, or policy change; if third parties assert that the diversions are unauthorized; or the diversion of water for this purpose is found to injure existing or future uses of water under established water rights. For a water right to be approved ESII would need to establish that in this instance diverting ground water for monitoring purposes is a beneficial use of water.

Ms. Dana Hofstetter
March 13, 2001
Page 2

One final thought. If the diversion rate for this purpose does not exceed a diversion rate at 0.04 cfs or a volume of 2,500 gallons per day, the use would be exempt from water right permitting in accordance with Sections 42-227 and 42-111(1) (b), Idaho Code.

Sincerely,



Norman C. Young, Administrator
Water Management Division

c: Gary Spackman, Western Region

Young, Norm

From: Beeman & Hofstetter, P.C. [beehof@micron.net]
Sent: Tuesday, February 20, 2001 12:31 PM
To: Young, Norm
Subject: Re: ESI draft letter

Young, Norm wrote:

>
> Dana:
>
> I have been holding off on sending a response to your December 24,
> 2000 letter concerning a need for water rights for the ESI monitoring
> program. My recollection is that you were reviewing a draft of the letter
> with your clients and would be getting back to me with any requested
> changes.
>
> The purpose of this email is just to be sure that I haven't missed a
> response from you or otherwise dropped the ball.
>
> Norm

Norm:
No, you haven't dropped the ball. The ball was in my court. As you may know, ESI recently was purchased by American Ecology which likely delayed our response. I actually had the opportunity to discuss this matter with ESI last week and was planning to get in touch with you. Before you finalize the letter, we just would request that you add a discussion about how ground water monitoring uses may qualify for the domestic exemption. Please feel free to call me if you have any further questions. Thank you. --Dana Hofstetter beehof@micron.net

BEEMAN & HOFSTETTER, P.C.

Counselors and Attorneys at Law

608 West Franklin Street

P. O. Box 1427

Boise, Idaho 83701-1427

Josephine P. Beeman

Dana L. Hofstetter

Telephone (208) 388-8900

Facsimile: (208) 388-8400

E-mail: beehof@micron.net

December 14, 2000

*Via Facsimile 327-7866
and U.S. Mail*

Norm Young, Administrator
Water Management Division
Idaho Department of Water Resources
1301 North Orchard Street
Boise, Idaho 83705

RECEIVED

DEC 19 2000

Department of Water Resources

Re: EnviroSAFE Services of Idaho, Inc.
Our File No. 1837.1

Dear Mr. Young:

I write on behalf of EnviroSAFE Services of Idaho, Inc. ("ESII") to request confirmation of the Idaho Department of Water Resources' ("IDWR") policy regarding water rights for ground water monitoring. ESII manages two hazardous waste disposal sites in Idaho, referred to as Site A and Site B. Site A is located in IDWR's Basin 51 and has been closed and non-operational for a number of years. ESII's Site B, located in IDWR's Basin 57, remains in operation. Pursuant to environmental regulatory authorizations, ongoing ground water monitoring is required at both sites. The purpose of this monitoring is to ensure that the wastes managed on the respective sites have not impacted nearby ground water.

As a result of a water right transfer application ESII recently submitted, we learned that IDWR may not require water rights for environmental purposes. ESII was provided a November 7, 1996 Memorandum from Glen Saxton to IDWR Regional Offices and Bureaus concerning this matter. That Memorandum attaches an August 19, 1996 letter by you to Mr. Michael Backe of Olympus Environmental, Inc. and also attaches a Memorandum of Understanding form (copy of the November 7, 1996 Memorandum and attachments enclosed). The gist of the November 7, 1996 Memorandum and attachments is that IDWR does not require water rights for ground water remediation wells because it

does not consider this environmental activity (which involves pumping and treating ground water) a beneficial use of water. Instead, IDWR enters into a Memorandum of Understanding for such wells.

The ground water monitoring associated with ESII's facilities arguably is somewhat different than the ground water remediation addressed in the IDWR November 7, 1996 Memorandum and attachments. Ground water monitoring at ESII's facilities is integrally related to the business of managing hazardous waste and is done with the purpose of complying with hazardous waste facility operating requirements, including a federal Resource Conservation and Recovery Act ("RCRA") subtitle C permit. Ground water monitoring occurs at ESII's sites to allow ESII to pursue its business of managing hazardous waste. Monitoring is not undertaken for environmental remediation purposes, but, rather, to ensure that the ground water has not been contaminated. Under federal and state environmental regulatory requirements, ESII must continue the ground water monitoring while the sites are operational and for decades post-closure.

Each ESII site has a network of ground water monitoring wells, some of which are periodically pumped to obtain water samples for laboratory analyses. Prior to sample taking, each well has to be pumped for a while (flushed) to ensure that a representative sample of the ground water is obtained. Other than the flushing, the sampling, and the laboratory analyses, no other "use" of this diverted ground water is made. Some monitoring wells at both sites are used exclusively for water level measurements, and there are no actual diversions from these wells.

In summary, both ground water remediation and ESII's ground water monitoring program share a common objective of environmental protection. However, in other respects, ESII's ground water monitoring activities are distinguishable from ground water remediation. As part of ESII's ground water monitoring, a small quantity of water is sent to a laboratory for testing and likely is not returned to the local water system. Also, ground water monitoring is a required component of ESII's ongoing business of managing hazardous wastes. Under federal and State operating permit requirements, ESII must continue its ground water monitoring program without curtailment into the distant future. In contrast, ground water remediation typically involves the return of all water to the water system, is not a part of ongoing business operations, and is expected to last for a limited time period.

Norm Young
Re: Envirosafe Services
December 14, 2000
Page 3

ESII seeks confirmation of IDWR's policy concerning ground water monitoring as ESII evaluates whether to continue to pursue transfer applications which would ensure water right coverage for all of ESII's Site A and Site B monitoring wells. If IDWR does not require water rights for ESII's ground water monitoring, ESII will not continue to pursue these transfer applications.

Please let me know if you need any further information or have any questions about this matter. Thank you for your assistance.

Sincerely,

BEEMAN & HOFSTETTER, P.C.

A handwritten signature in black ink, appearing to read "Dana Hofstetter", with a long horizontal flourish extending to the right.

Dana L. Hofstetter

DLH:ja
cc: Phil Rassier, Esq., IDWR
Steve Lester, IDWR Western
ESII
D:\1837\1\4216

MEMORANDUM

To: Regional Offices
Water Allocation Bureau
Resource Protection Bureau
Adjudication Bureau

From: L. Glen Saxton *LS*

RE: WATER RIGHT FILING REQUIREMENTS FOR GROUND WATER
REMEDICATION PROJECTS

Date: November 7, 1996

Attached is correspondence from Norman Young dated August 19, 1996 dealing with the above referenced subject matter. The letter essentially states that if a project operator will enter into a Memorandum of Understanding with the department, the department will not require the operator to file an application for permit and will not prosecute the operator as authorized in Section 42-351, Idaho Code.

Attached is a Memorandum of Understanding which should be used in connection with remediation projects. Use of the MOU represents a change in department policy for such projects, since we required some sort of water right authorization in the past.

For consistency reasons, we should not issue temporary permits as authorized in Section 42-202A, Idaho Code for remediation projects. All such projects should be authorized using a MOU.

Encl: 2



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

Phone: (208) 327-7900 FAX: (208) 327-7866

August 19, 1996

PHILIP E. BATT
GOVERNORKARL J. DREHER
DIRECTOR

Mr. Michael Backe
Olympus Environmental, Inc.
5409 Kendall Street
Boise, Idaho 83706

Re: Water Rights for Recovery Wells

Dear Mr. Backe:

This letter responds to your two letters of July 26, 1996, in which you question the need for water rights to operate recovery wells for the removal of ground water contaminated with gasoline or other chemical compounds at two remediation sites located in Nampa and Twin Falls, Idaho.

The designed remediation system at the Nampa site is described as a 30 foot deep recovery well used to continuously pump approximately 25 gallons of water per minute. After treatment, the water is proposed to be discharged through a storm drain to Mason Creek. Water at the Twin Falls site is proposed to be pumped from a 30 foot deep recovery well at a rate of approximately 60 gallon per minute. The treated ground water is proposed to be discharged to a Twin Falls Canal Company lateral.

Your letters expresses the understanding, based on conversations with Department of Water Resources personnel, that a water right is required to operate the proposed recovery wells. Idaho statute provides in effect that all the waters of the state, when flowing in their natural channels, are the property of the state, whose duty it shall be to supervise their appropriation and allotment. I.C. § 42-101. The Director of the Department of Water Resources is authorized to take necessary actions to enforce the law relating to appropriation and use of water. Section 42-351, Idaho Code, provides in part:

If the director of the department of water resources finds, on the basis of available information, that a person is diverting water or has diverted water from a natural watercourse or from a ground water source without having obtained a valid water right to do so or is applying water or has applied water not in conformance with a valid water right, then the director of the department of water resources shall have the discretion to take action against such person.

Michael Backe
August 19, 1996
Page 2

Section 42-351 vests the director with discretion as to when it is necessary or appropriate to bring an enforcement action against a person for diverting water from a ground water source without a water right. In the case of the two proposed ground water remediation projects that you have described, it does not appear appropriate to require that water rights be obtained by the site owners. The establishment of a new diversionary water right in Idaho requires: 1) intent to establish a water right; 2) diversion of the water; and 3) application of the water to a beneficial use in accordance with the terms of the permit. Based upon your description of the proposed ground water remediation projects, it appears that only the second of these three required elements would be satisfied.

Because the remediation site owners do not intend to acquire a right to the use of water and because the water will not be diverted for the purpose of applying it to a beneficial use, the elements for establishing a water right are not satisfied. The public, however, will benefit from actions to remove hazardous materials for the ground water. This appears, then, to be a circumstance in which the director should exercise the discretion provided under section 42-351 not to bring an enforcement action to prohibit the diversion of water without a water right.

In order for the ground water remediation programs to proceed without threat of an enforcement action, it is proposed that the site owners, or Olympus Environmental, Inc. on behalf of the site owners, enter into a written agreement with the director. In exchange for adequate conditions governing the construction and operation of the recovery wells, the director would agree not to otherwise exercise the enforcement authorities under section 42-351, Idaho Code.

The agreement should address matters such as: a requirement that a well-drilling permit be obtained from the Department of Water Resources for each well to be drilled; that ground water withdrawal be curtailed or mitigation be provided if existing water rights are found by the director to be injured; that the department be held harmless from any liability due to negligent discharge of the water; the allowable discharge site for the water, that the maximum time period of the pumping or the maximum volume of pumping be identified; that periodic reports concerning the project be submitted to the director, and that a final report be submitted to the director at the conclusion of the project. Because of existing concerns for the adequacy of the ground water resource at each remediation site, IDWR prefers that the water be returned to the aquifer after clean-up, but will consider other options.

Michael Backe
August 19, 1996
Page 3

Please let me know if you desire to proceed with the described approach.

Sincerely,


NORMAN C. YOUNG
Administrator

**BEFORE THE DEPARTMENT OF WATER RESOURCES
OF THE STATE OF IDAHO**

MEMORANDUM OF UNDERSTANDING

Purpose

Section 42-351, Idaho Code, vests the Director of the Idaho Department of Water Resources (IDWR) the discretion to bring an enforcement action by issuing a Notice of Violation and/or a Cease and Desist Order for diverting water without a water right. In the case of remediation projects which require the diversion of water for the purpose of removing hazardous materials from the water or the bed or channel of the water body, establishment of a water right is not possible even though the public would benefit from removal of hazardous materials.

Upon execution of this Memorandum of Understanding (MOU), IDWR agrees to waive the enforcement provisions of Section 42-351, Idaho Code, provided the operator of the remediation project complies with the conditions of this MOU.

NAME AND ADDRESS OF OPERATOR

**NAME, LOCATION, AND DESCRIPTION OF PROJECT
(ATTACH ADDITIONAL SHEETS IF NECESSARY)**

AGREEMENT

IDWR:

IDWR agrees to not file an enforcement action under Section 42-351, Idaho Code, for failure of the operator to obtain a water right permit for the operation of the remediation project.

OPERATOR

The operator agrees to abide by the conditions of operation described below.

CONDITIONS OF OPERATION

1. The operator shall obtain any needed drilling permit(s) from IDWR as required in Section 42-235, Idaho Code, prior to the construction of any wells.
2. The operator shall curtail diversion activity or shall provide appropriate mitigation if the remediation activity injures existing water rights as determined by IDWR.
3. The operator shall hold IDWR and the Idaho Water Resource Board harmless from any liability due to the operator's negligent discharge of water.
4. The operator shall submit periodic and final reports to the Director of IDWR of remediation activity upon request by IDWR.
5. This authorization expires at the end of the calendar year or on _____ whichever is earlier.
6. Other: _____

AGREEMENT EXECUTION**Idaho Department of Water Resources**_____
Authorized Agent_____
Date**Operator**_____
Name_____
Address_____
Telephone No._____
Authorized Agent_____
Date



State of Idaho

DEPARTMENT OF WATER RESOURCES

2735 Airport Way, Boise, Idaho 83705

Phone: (208) 334-2190 FAX: (208) 334-2348 www.idwr.state.id.us/idwr/idwrhome.htmDIRK KEMPTHORNE
GovernorKARL J. DREHER
DirectorFAX TRANSMITTAL COVER SHEET

FAX # (208) 334-2348

DATE:

12/15/00

TO:

Norm Young

FROM:

Steve Lester

DOCUMENT DESCRIPTION:

Emigrate Transfer & some
d'base printouts. Transfer not processed due to
pending clarification.

TOTAL PAGES SENT:

13

+ COVER SHEET

CONTACT:

Form 1-222
12-92Page 1 of 6STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

Transfer No. _____

RECEIVED

APPLICATION FOR TRANSFER OF WATER RIGHT

MAR 02 1998

WATER RESOURCES
WESTERN REGION

PART 1

CONTACT:

DANA HOFSTETTER (Attorney)

Name of applicant Envirosafe Services of Idaho, Inc. Phone (208) 834-2275
Post Office address P. O. Box 400, Grand View, Idaho 83624

A. PURPOSE OF TRANSFER

1. ☒ Change point of diversion ☒ Add diversion point(s) ☒ Change place of use
☒ Change nature of use ☐ Change period of use ☐ Other _____

2. Describe the reason for the proposed changes This water right is used to comply with ground water monitoring requirements applicable to Envirosafe's facility. Periodically, new monitoring wells have been added and will continue to be added. This application updates the points of diversion to include all of the existing monitoring wells and provides for the addition of more monitoring wells in the future.

B. DESCRIPTION OF RIGHT(S) OR PORTION THEREOF, AFTER THE REQUESTED CHANGE

1. Right Number Priority Amount (cfs/ac-ft) Nature of Use Period of Use
51-2159 June 9, 1960 0.28 cfs Industrial January 1 to December 31
 _____ to _____
 _____ to _____
 _____ to _____
2. Total amount of water being transferred 0.28 cubic feet per second and/or _____ acre-feet per annum.
3. Source of water ground water tributary to _____
4. Point(s) of Diversion: See attached list of monitoring wells.

Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Local name for diversion

5. Lands irrigated or place of use: Same as Points of Diversion. (Samples are withdrawn for laboratory analyses.)

Twp.	Rge.	Sec.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	

Total acres _____

Page 2 of 6

Transfer No. _____

PART 1**6. General Information:**

- a. Description of diversion system Each well is specially cased for ground water monitoring and has either a 2" or 4" finished inner diameter. The majority of the wells have dedicated sampling pumps.
- b. Are the lands from which you propose to transfer the water right subject to any liens, deeds of trust, mortgages, or contracts? _____ Yes XX No. If yes, provide a notarized statement from the holder of the lien, deed of trust, mortgage or contract agreeing to the proposed changes.
- c. Describe the affect on the land now irrigated if the place of use is changed pursuant to this transfer:
No irrigation changes involved.
- d. Remarks:
Envirosafe is required to install additional monitoring wells periodically. It anticipates installing ten additional wells in Section 19, T4S, R2E in the next few years, and requests that approval of this application includes approval to drill additional monitoring wells.

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Transfer of Water Rights No _____

And said application is hereby _____, subject to the following limitations and conditions:

Witness my hand this _____ day of _____, 18 _____

Page 3 of 6

Transfer No. _____

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR TRANSFER OF WATER RIGHT

PART 2

(Attach one copy for each right)

A. DESCRIPTION OF RIGHT AS RECORDED

1. Right evidenced by:

- a. Decree No. _____ Decreed to _____
in case of _____ vs. _____
dated _____ in _____ county of _____
- b. License No. 51-02159 issued by the Idaho Department of Water Resources.
- c. Claim No. _____ on file with the Idaho Department of Water Resources.
- d. Transfer No. _____ which produced this right.

2. Attach a copy of last year's tax notice for the property to which the water right is appurtenant or other documents which show ownership. Label document as attachment A. Check appropriate box below:

☐ Tax Notice☒ Warranty Deed☐ Other _____3. Source of water ground water tributary to _____4. Date or priority June 9, 1960

5. Water is used for the following purpose:

amount 0.28 for military purposes from January 1 to December 31
(cfs/ac-ft)
amount _____ for _____ purposes from _____ to _____
(cfs/ac-ft)
amount _____ for _____ purposes from _____ to _____
(cfs/ac-ft)

6. Total amount of water under right 0.28 cubic feet per second and/or _____ acre-feet per annum.

7. Point(s) of Diversion:

Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Local name for diversion
(2 wells)	NE	SE		4	9S	5E	Owyhee	

8. Lands irrigated or place of use:

Twp.	Rge.	Sec.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
9S	5E	4													M1				

M1 = Military

Total acres _____

9. Describe any other water rights used for the same purpose as described above _____

PART 2

Transfer No. _____

10. To your knowledge, has any portion of this water right undergone a period of five or more consecutive years of non-use?
No If yes, describe _____

B. DESCRIPTION OF PORTION OF RIGHT BEING TRANSFERRED

(If the entire right is to be changed by the applicant, omit part B and C.)

1. amount _____ for _____ purposes from _____ to _____
(cfs/ac-ft)
amount _____ for _____ purposes from _____ to _____
(cfs/ac-ft)
amount _____ for _____ purposes from _____ to _____
(cfs/ac-ft)

2. Point(s) of Diversion:

Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Local name for diversion

3. Lands irrigated or place of use:

Twp.	Rge.	Sec.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	

Total acres _____

C. DESCRIPTION OF UNCHANGED PORTION OF RIGHT (omit if there is no change)

1. amount _____ for _____ purposes from _____ to _____
(cfs/ac-ft)
amount _____ for _____ purposes from _____ to _____
(cfs/ac-ft)
amount _____ for _____ purposes from _____ to _____
(cfs/ac-ft)

2. Point(s) of Diversion:

Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Local name for diversion

3. Lands irrigated or place of use:

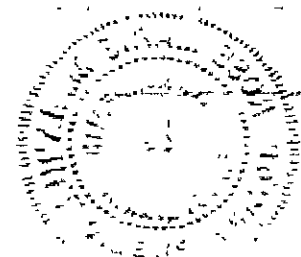
Twp.	Rge.	Sec.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	

Total acres _____

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR TRANSFER OF WATER RIGHT
PART 3

- A. Draw a map or attach a USGS map indicating the new point(s) of diversion and/or the new place of use for rights described in part 1. Clearly depict the land by section, township and range number.

See attached maps.



SCALE: 2 inches equal 1 mile. Draw plan in ink.

Page 6 of 6

Transfer No. _____

PART 3**B. CHANGES IN NATURE OF USE**

1. New Nature of Use Industrial Amount 0.28 cfs Hours/days/year Each well in use less than 24 hours Period of Use Jan. 1 to Dec. 31 per year
2. Quantity and quality of return flows and location of discharge:
Purge water and sample water ultimately are discharged to lined surface impoundment for evaporation. There are no return flows to surface water or ground water.
3. Describe effects on other water uses resulting from the proposed change:
No effects on other water uses are expected.

I hereby assert that no one will be injured by such change and that the change does not constitute an enlargement in use of the original right. The information contained in this application is true to the best of my knowledge.

I understand that any willful misrepresentations made in this application may result in voiding its approval.

GREGORY F. GLEY
(Signature of Applicant)

PRESIDENT, ESTI

Subscribed and sworn to before me this 3rd day of February, 1998

Notarial Seal
Rose Marie M. Nahill, Notary Public
Horsham Twp., Montgomery County
My Commission Expires March 19, 2001
Member, Pennsylvania Association of Notaries

Rose Marie M. Nahill
(Notary Public)

My commission expires March 19, 2001

FOR DEPARTMENT USE ONLY

Transfer contains 2 pages and 1 attachments

Received by KL Date 3/2/98

Protest filed by _____

Prelim. check by KL Fee 100.00

Received by KL Date 3/2/98

W023483

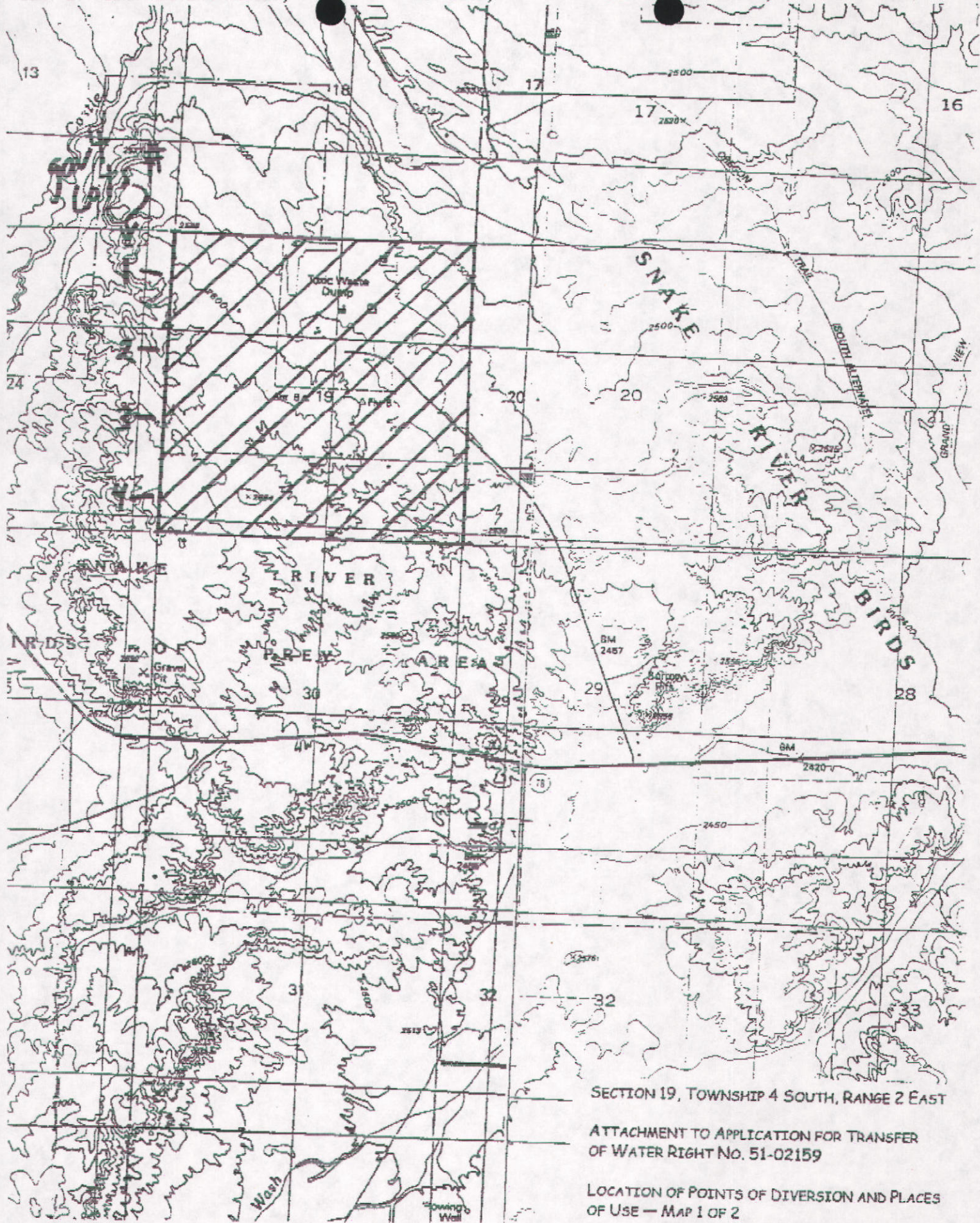
Published in _____ Copies of protest forwarded by _____

Pub. dates _____ Hearing held by _____ Date _____

Watermaster recommendation requested on _____ Recommended for ☐ approval ☐ denial

_____ rec'd. _____ by _____

Copy of transfer sent to lien holder _____



ATTACHMENT
TO
ENVIROSAFE SERVICES OF IDAHO, INC.'S
TRANSFER APPLICATION FOR WATER RIGHT NO. 51-02159

Points of Diversion

Monitoring Well	Township	Range	Section	Quarter/Quarter
U-1	04S	02E	19	NENW
U-2	04S	02E	19	NENW
U-3	04S	02E	19	NENW
U-4	04S	02E	19	NENW
U-5	04S	02E	19	NWNE
U-6	04S	02E	19	NWNE
U-7	04S	02E	19	NWNE
U-8	04S	02E	19	NWNE
U-9	04S	02E	19	NWNE
U-10	04S	02E	19	NWNE
U-11	04S	02E	19	NWNE
U-12	04S	02E	19	NWNE
U-17	04S	02E	19	SWNE
U-18	04S	02E	19	SWNE
U-19	04S	02E	19	NWNE
U-20	04S	02E	19	NWNE
U-21	04S	02E	19	NWNE
U-22	04S	02E	19	NENW
U-23	04S	02E	19	NENW
U-24	04S	02E	19	NENW
U-25	04S	02E	19	NENW
UP-1	04S	02E	19	NWNE
UP-2	04S	02E	19	NENW
UP-3	04S	02E	19	NENW
UP-4	04S	02E	19	NWNE
UP-5	04S	02E	19	NWNE
UP-6	04S	02E	19	NWNE
UP-7	04S	02E	19	NWNE
UP-8	04S	02E	19	NWNE
UP-26	04S	02E	19	SENE
UP-28	04S	02E	19	SENE

Monitoring Well	Township	Range	Section	Quarter/Quarter
UP-29	04S	02E	19	SENE
U-26	04S	02E	19	SWNE
L-28	04S	02E	19	SWNE
L-29	04S	02E	19	SWNE
L-30	04S	02E	19	SWNE
L-31	04S	02E	19	SWNE
L-32	04S	02E	19	SWNE
L-33	04S	02E	19	SWNE
L-35	04S	02E	19	SENE
L-36	04S	02E	19	SENE
L-37	04S	02E	19	SWNE
L-38	04S	02E	19	NESE
L-39	04S	02E	19	SWNE
LP-11	04S	02E	19	SWNE
LP-12	04S	02E	19	NWNE
LP-13	04S	02E	19	NWNE
LP-14	04S	02E	19	SENE
LP-15	04S	02E	19	SWNE
LP-27	04S	02E	19	SENE
AMW-4	09S	05E	4	NESE
AMW-6	09S	05E	4	NESE
AMW-7	09S	05E	4	NESE
APW-10	09S	05E	4	NESE
AOB-11	09S	05E	4	NESE
AOB-12	09S	05E	4	NWSE
AMW-13	09S	05E	4	SENE
AMW-14	09S	05E	4	NESE
AMW-15	09S	05E	4	SESE
AMW-16	09S	05E	4	NESE

? — Plus an additional 10 monitoring wells to be developed in Section 19,
Township 4 South, Range 2 East, during the next approximately five years.

WR5809NP

No. 51-02159

IDAHO DEPARTMENT OF WATER RESOURCES
WATER RIGHT PROFILE REPORT

DATE: 03/25/98

PAGE: 1

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	US DEPT OF DEFENSE	06/09/1960	INDUSTRIAL	00/00 00/00	0.280 CFS	
TOTAL DIVERSION:					0.280 CFS	

Water Source: GROUNDWATER

Tributary to:

Stage: LICENSE

Point(s) of Diversion:

T09S R05E S04

NESE

OWYHEE County

Place of Use Legal Description for: INDUSTRIAL

NE				NW				SW				SE				
NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	
T	R	S	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac
09S	05E	4	:	:	:	:	:	:	:	:	:	:	:	:	:	:

Pou County: OWYHEE

Remarks: GEN 2 P/D IN NESE, S4, T9S, R5E.

Dates: App. Received: Priority Date: 06/09/1960
 Proof Due Date: Proof Made Date:
 Exam Made Date: Exam Sent to S.O.:
 Licensed Date: 06/21/1979

Misc: Water District Number: Field Exam Fee:

Audit: 04/23/85 04/30/88 CONVERT 08/11/89 CURTIS 01/19/92 POST-STD

no other wr's listed in pld or pln legals

- WR Record -

AJ5809NP

No. A51-02159

IDAHO DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM PROFILE REPORT

DATE: 03/25/98

PAGE: 1

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	ENVIROSAFE SERVICES OF IDAHO INC	06/09/1960	INDUSTRIAL	01-01 12-31	0.28 CFS	
TOTAL DIVERSION:					0.28 CFS	

Water Source: GROUNDWATER

Tributary to:

Stage: LICENSE

Point(s) of Diversion:

T09S R05E S04

NESE

OWYHEE County

Place of use Legal Description for: INDUSTRIAL

NE				NW				SW				SE				
NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NENE	NWSE	SWSE	SESE	
T	R	S	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac
09S 05E 4 :																

POU County: OWYHEE

Non-Irrigation Uses: I/INDUSTRIAL AND CHEMICAL PROCESSING

Other Rights: NONE

Other Water Rights with Same Point(s) of Diversion with Stage (Includes All Sources):

R51-02159

Dates: Exam Made Date:

Verified Date:

Objection Filed Date:

Misc: Water District Number:

Field Inspection Flag:

Presumption Flag:

AJ= WR Record except clarifier reason of ✓
use from undisturbed
to all years.

Don't need include AJ claim in legal notice. ✓
-fr

No other claims listed in pld or pln legals. ✓

- AJ Records -

AJ5809WP
RS1-02159

IDAHO DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM PROFILE REPORT

DATE: 03/25/98
PAGE: 1

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	ENVIROSAFE SERVICES OF IDAHO INC	06/09/1960	INDUSTRIAL	01-01 12-31	0.28 CFS	
					TOTAL DIVERSION:	0.28 CFS

Water Source: GROUNDWATER

Tributary to:

Stage: LICENSE

Point(s) of Diversion:

T09S R05E S04

NESE

OWYHEE County

Place of use Legal Description for: INDUSTRIAL

NE				NW				SW				SE			
NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE
T	R	S	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac
09S 05E 4 :															

POW County: OWYHEE

Non-Irrigation Uses: INDUSTRIAL, CHEMICAL PROCESSING FOR STABILIZATION OF HEAVY METALS

Remarks: GEN TWO POINTS OF DIVERSION LOCATED IN NESE, SECTION 4, T9S, R5E.

Dates: Exam Made Date: Verified Date: Objection Filed Date:

Misc: Water District Number: Field Inspection Flag:
Presumption Flag:

Comments: Date: 01/31/1994 User-ID: WERNER Subject: SECOND WELL
THE SECOND WELL IS USED AS A BACKUP WELL.

Audit: 01/31/94 WERNER 03/30/95 POST-STD 07/08/96 MSCHULTE

Preliminary R file same as AJ file ✓



DEPARTMENT OF THE ARMY
SEATTLE DISTRICT, CORPS OF ENGINEERS
1519 ALASKAN WAY SOUTH
SEATTLE, WASHINGTON 98134

IN REPLY REFER TO

NPSRE-AQ-P Mountain Home AF Fac, Idaho
Site 2(now Site 1) Permits G-28667 &
G-28781

2 May 1966

Mr. R. Keith Higginson
Deputy State Reclamation Engineer
State of Idaho, Department of Reclamation
107 State House
Boise, Idaho 83701

RE
MAY 4 1966
Department of Reclamation

Dear Mr. Higginson:

Receipt is acknowledged of your letter dated 27 April 1966 concerning the above noted permits, and advising that License No. G-28781 included both wells covered by said permits, and that no license could ever be issued under Permit G-28667. Your letter of 27 April 1966 and the letter from your Department dated 15 April 1966 will be filed with License No. G-28781 as verification that said License covered Well No. 1 under Permit G-28667 and Well No. 2 under Permit G-28781.

Sincerely,

KELVIN GREENSTREET
Chief, Real Estate Division

28781

April 27, 1966

Re: Permits G-28867; G-28781

Mr. Kelvin Greenstreet
Chief, Real Estate Division
Seattle District, Corps of Engineers
1519 Alaskan Way South
Seattle, Washington, 98134

Dear Mr. Greenstreet:

I am hoping I can satisfactorily explain our thinking regarding the apparent confusion over the notice of March 23, 1966, that your Permit G-28667 was subject to cancellation. Application for this permit was filed on April 28, 1960 and a second application No. G-28781 was submitted June 9, 1960 covering (I assume) the standby well.

Proof of completion was made on Permit No. G-28781 on February 24, 1961, and license issued for 0.28 c.f.s. of water for a military use at the missile site. Said license also included a second well which is used for standby purposes. Since such a license is for the purpose of confirming the beneficial use made of the water and there is no use not already covered by the license on Permit G-28781, no license can ever be issued by our office under Permit G-28667.

We were unaware of this situation until we made examination of the proof submitted on G-28667 after it was submitted in May, 1965, which is why notice was sent that proof would be required.

We apologize for abruptly advising you that we considered the permit subject to cancellation without much explanation and will, of course, be glad to discuss this further with you, if you do not agree with this action.

Very truly yours,

R. KEITH HIGGINSON, Deputy
State Reclamation Engineer

28781

ROBERT E. SMYLIE
Governor



CARL E. TAPPAN
State Reclamation Engineer

STATE OF IDAHO

DEPARTMENT OF RECLAMATION
107 STATE HOUSE
BOISE, IDAHO 83701

April 15, 1966

Re: NPSEB-AQ-P Mountain Home AFB, Idaho
Site 2 (now Site 1)
Permit G-18657 and G-28781

Mr. Gerald H. Bourke,
Acting Chief, Real Estate Division,
Department of the Army,
Seattle District, Corps of Engineers,
1519 Alaskan Way South,
Seattle, Washington 98144

Dear Mr. Bourke:

In reply to your letter of April 11, our records indicate that the wells covered by the above numbered permits were both licensed under License G-28781. This establishes a primary right on Well No. 1 and a standby right for Well No. 2. Please check your license and advise us of your findings so that we can be sure no discrepancy exists.

Very truly yours,

DONALD J. WATTS
Office Engineer

DJW:pmk

28781



DEPARTMENT OF THE ARMY
SEATTLE DISTRICT, CORPS OF ENGINEERS
1519 ALASKAN WAY SOUTH
SEATTLE, WASHINGTON 98134

NPSRE-AQ-P Mountain Home AFB, Idaho
Site 2(now Site 1) Permit G-28667
and G-28781

11 April 1966

Mr. Carl E. Tappan
State Reclamation Engineer
Department of Reclamation
Room 107, State House
Boise, Idaho 83701

RECEIVED
APR 13 1966
3:00 PM
DISTRIBUTION

Dear Mr. Tappan:

Receipt is acknowledged of your letter dated 23 March 1966, pertaining to Permits G-28781 and G-28667, and advising that Permit G-28667 is being held for cancellation. There are two wells on the Site and Permit No. G-28667 is for Well No. 1, the main well used; Permit No. G-28781, for which a License was issued, is for Well No. 2, which was for standby use in case of failure of the other well, as stated on the License.

Please issue the License for Permit No. G-28667, as we still have need for it.

Sincerely,


GERALD H. ROURKE
Acting Chief, Real Estate Division

28781

Permit 628781

WELL DATA				INSTALLATION TITAN I, Site A, Mtn Home AFB				WELL NO.. 1		
ELEVATION (FT) 3633.5 ft		LOCATION COMPLEX 1A				DATE CONSTR ENDED 31 December 1959				
WELL	TYPE Rotary Drilled									
	DEPTH 2500 ft			DIAMETER 10"			PUMP SETTING DEPTH 900 ft			
	ORIG STATIC WATER LEVEL 810.9 ft			DRAWDOWN 1.6			RECOVERY TIME 21 min			
TEST DATA				LINES AND GAGES				SPECIFIC CAPACITY (GAL PER FT)		
WELL CAPACITY 242		PUMPING LEVEL 1200 ft		NO		LENGTH		CPM DRAWDOWN = 131 GPT		
WELL PUMPING EQUIPMENT										
PUMP	TYPE AND MAKE REDA SUMMERSIBLE ELECTRIC TURBINE							CAPACITY 120 GPM @ 1400 ft		
	SUCTION (FT)		SIZE AND LENGTH 14" O.D. 11/16" 5.125 D			COLUMN 900 ft				
	HEAD			NUMBER BOWLS		SIZE AND TYPE		NO. STAGES		
ABOVE GRND 20 ft		BELOW GRND 810.90 ft		TOTAL 830.90 ft		6120		43		
MOTOR	SERIAL NO. 5.4-759B	TYPE 43B	MAKE REDA	HP 60	RPM 3450	FRAME	PHASE 3	CYCLES 60	VOLTAGE 480	
	STANDBY POWER NONE		MAKE						SIZE	
	HP	RPM	DESCRIPTION							
CASING AND WELL SCREENING MATERIAL USED							SETTING DEPTH	LENGTH EACH		
18 in O.D. Casing							9 ft	11 ft		
14 in O.D. Casing							209.06 ft	212.24 ft		
10-3/4 in O.D. Casing							1508.55 ft	1313.60 ft		
8-5/8 in O.D. Casing							2500 ft	1004.77		
The last 600 ft O.D. Casing is slotted with four 6-inch long slots spaced equidistant around the steel casing. The longitudinal interval between the slots is two inches, with alternating stagger so as not to have a continuous alignment of the slots along the length of the casing.										
18 in O.D. Casing is ASTM A-53 0.375 in wall, 70.59 pounds per foot										
14 in O.D. Casing is ASTM A-53 0.375 in wall, 54.60 pounds per foot										
10-3/4 in O.D. Casing is ASTM A-53 0.365 in wall, 40.48 pounds per foot										
8-5/8 in O.D. Casing is ASTM A-53 0.322 in wall, 28.55 pounds per foot										
Shannon & Wilson Soil Mech & Foundation Eng										
Special Sites Study										
Site M-E 4										
Log of Boring E.										
Located in Missal Hole Folder ES 1262										

[illegible]

January 9, 1962

RE: Permits No. G-27899, G-28781, G-28877

U. S. Army Engineer District, Seattle
1519 Alaskan Way South
Seattle 4, Washington

Gentlemen:

Enclosed are Certificates of Completion of Works and Licenses
and Certificates of Water Right on the above numbered permits.

Also enclosed is departmental receipt No. G-6753 in the
amount of \$30.00 covering the fees for the Certificates and
the Licenses.

Very truly yours,

GEO. N. CARTER
State Reclamation Engineer
By

(Mrs.) Edna P. Rule
Chief Clerk

EPR:mr

Enc. licenses 3
certificates 3
receipt

December 18, 1961

Re: Permits No. G-28781; G-28877
G-27899
Voucher No. 40-84059

U. S. Army Engineer Div., Seattle
1519 Alaskan Way South
Seattle 4, Washington

Gentlemen:

Enclosed is signed voucher for \$30.00, fees for Permits
No. G-28781; G-28877 and G-27899.

The certificates of water rights will be prepared upon
receipt of the check for \$30.00.

Very truly yours,

GEO. W. CARTER
State Reclamation Engineer

By:

RALPH W. THOMAS, Deputy
State Reclamation Engineer

RT:ew

Enc. voucher

November 15, 1961

RE: Permit No. G-28781

Mr. Max Tysor, Chief Real Estate Division
U.S. Army Engineer District
Bldg. 602, City-County Airport
Walla Walla, Washington

Dear Mr. Tysor:

Our field engineer's report on his inspection of proof of completion of works and beneficial use of water under the terms of Permit No. G-28781 shows the 2 wells are each capable of conveying 1 1/2 inches, or .28 c.f.s. of water for military use. (One well is for standby operation only, in case of failure of the other one).

Upon receipt of the statutory fees totaling \$10.00 we will issue the Certificate of Completion of Works, fee \$5.00, and License and Certificate of Water Right, fee \$5.00, confirming the right with priority of June 9, 1960 to the use of .28 second foot of subterranean water with the points of diversion in the NE 1/4 of Section 4 for military use in the NE 1/4, Section 4, Township 9 South, Range 5 East, B.M.

Very truly yours,

GEO. W. CARTER
State Reclamation Engineer
By

(Mrs.) Edna P. Hale
Chief Clerk

EPR:mr

STATE OF IDAHO
DEPARTMENT OF RECLAMATION
BOISE

REPORT OF ENGINEER

PERMIT NO. G-28781

REPORT ON PROOF OF Completion of Works & Beneficial Use

Benaiah W. Molle, Deputy Area Engineer, U.S. Corps of Engineers
Ballistic Missile Construction Ofc. Building 109
Mt. Home AFB, Idaho

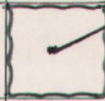
R-5E.

T.
9
S

STATE HWY. NO. 51
TO BRUNEAU

5

4



2 P.D.'s located approx. 90' apart

Nearest road on our maps.

US Military Use

Allow

Q

.28 cfs or 14 inches

STATE OF IDAHO

DEPARTMENT OF RECLAMATION

BOISE, IDAHO

Complex "A"

REPORT OF ENGINEER

Permit No. G-28781

This proof is for Completion of Works & Beneficial Use In Water District No. _____1. Name of applicant U.S. of America, Acting by and through the Dep't. of Army, Corps of Engineers2. Source of water supply: Subterranean source located approx. 2076 feet below surface.3. Location of point of diversion: Is in the _____ NE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 14T. 9 S. R. 5 E. E.B.M. County of Owyhee4. Describe works as they exist, giving dimensions and capacities of same: Well #1 60 HP REDA SubmersiblePump Motor # 54-7599 Pump # 54-9225, 1200' of 4" Column, 43 stages.Well - 2076' deep - h: 800' SettlesWell #2 60 HP REDA Submersible Motor & Pump Motor # 54-7598 Pump #54-9225, 1200' of 4" Column, 43 stage. Well 2112' Depth, 1570' of 10" dia. 8" x 632' csg. Bottom 250' perforated5. Water is used for: Military purposes6. State whether or not water has been turned into works of diversion: yes.

7. List legal subdivisions of lands to be irrigated. If proof is for beneficial use, give exact number of acres under cultivation in each forty-acre tract. (Describe manner and place of use if other than irrigation):

AC
PLACE OF USE: NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 4., Twp. 9 S., Rge. 5 E.B.M.

(Submit map on attached plat, showing location and details of above description.)

8. What large stream would the water here appropriated finally reach?

Remarks: Mr. Tom Tate and Mr. Larry Catobas along2 wells - Located 90' apart.(Manufactures pump rating is 125 gpm.)Only one pump used at a time. The 2nd pump is a Standby and used in case of emergency.Located at Complex 1A(Each pump is capable of producing 125 cfs.)This examination was made on the 3rd day of November, 1961

(Signed)

Larry Johnson

Examiner.

RECEIVED

NOV 9 1961

428-60
 per state
 Tom
 6/16/65
 8 AM
 Bennish W. Nalls, Deputy Area Engineer, U.S. Army Corps of Engineers
 Ballistic Missile Construction Office, Building 109
 Mt. Home AFB, Idaho
 Permit No. A-28751
 A = Site
 Examination for Completion of Works & Beneficial Use
 6148 - *Montella*
 County Owyhee *Dist. Council*
 Sec. 4 T. 9 S R. 5 E S. 4
 Quantity: 0.53 cfs *26 cfs*
 Source: Well
 P.D.: NE. SE, Sec. 4, T. 9 S. - R. 5 E. B. 4
 Use: Military
 Filed: June 9, 1960
 Due: June 16, 1965
 Extension: _____
 Completion of Works: _____
 Other Rights: _____
 Don't know Cone Drilling Inc. 11/11/75
 Frank Harrison
 Protests - None.

May 22, 1961

WFWO
Mt. Home AFB
Water Wells

Permits G-27899; G-28781; G-28877

Max K. Tysor, Chief
Real Estate Division
U. S. Army Engineer District
Walla Walla, Washington

Dear Mr. Tysor:

The field engineer has not completed his inspection of the works under the three permits. You will be notified as soon as the reports have been completed as to the conditions which may be shown on the Certificates of Water Rights and the amount of fees which are due.

The field engineer is out of the office and we cannot say when the inspections will be completed.

Very truly yours,

GEO. W. CARTER
State Reclamation Engineer

By:

RALPH W. THOMAS, Deputy
State Reclamation Engineer

RT:ew

P. S. The field engineer visited the locations, however he could not complete the examination as only temporary pumps were installed .

He was informed that he would be notified when the installations were ready for inspection.

March 27, 1961

28781
Re: Permit No. G-27899
U. S. Army Engineers

The Owyhee Nugget
Harting, Idaho

Dear Sir:

Enclosed is a check in the amount of \$26.32 in payment of the legal advertising on Permit No. G-27899 in the name of the U. S. Army Corps of Engineers, published the first time on January 19, 1961 and the last publication being February 9, 1961.

Very truly yours,

GEO. H. CARTER
State Reclamation Engineer

By:

(Mrs.) Edna P. Hale
Chief Clerk

EPR:ew

Enc. check & voucher

28781

March 14, 1961

Re: Permits G-27899; G-28781;
G-28877

Mr. Max E. Tyeer, Chief
Real Estate Division
U. S. Army Engineer
Walla Walla, Washington

Dear Mr. Tyeer:

Returned herewith is check to the order of State
Reclamation Engineer in the amount of \$73.93.

Kindly return two checks, one in the amount of
\$26.23, and one in the amount of \$47.70 as per our letter of
February 28, 1961.

Very truly yours,

GEO. N. CARTER
State Reclamation Engineer

By:

RALPH W. THOMAS, Deputy
State Reclamation Engineer

RT:ew

Enc. check

28781

March 8, 1961

Re: Permit No. ~~8~~ G-27899, G-28781, G-28877

Benaiah W. Mollen, Deputy Area Engineer
Corps of Engineers
Ballistic Missile Construction Co.
Bldg. 109, Mt. Home AFB, Idaho

Dear Mr. Mollen:

We acknowledge receipt of the depositions of holder and two witnesses, also affidavit of publication in the The Idaho Daily Statesman, all submitted in proof of completion of works and beneficial use on Permit No.

Before final action is taken in the matter, the law requires that a field examination be made by an engineer from this department.

We cannot tell just when this examination will be made, but our field engineer will try and contact you at the time he makes the examination so that arrangements may be made to show him over the grounds.

Very truly yours,

GEO. N. CARTER
State Reclamation Engineer

By:

(Mrs.) Edna P. Rule
Chief Clerk

EPR:

Cc: U. S. Army Engineers, Walla Walla District
City County Airport
Walla Walla, Washington

P. S. Since we are unable to give you a definite date of inspection, at which time the fees will be determined, we are enclosing your Voucher NPW 61-3564, unsigned, and will notify you of the fees when inspection has been made

78781

PROOF OF PUBLICATION

STATE OF IDAHO }
County of Owyhee } ss.

I, RODNEY A. HAWES, being first duly sworn, on oath says that he is the Publisher of the OWYHEE NUGGET, a newspaper of general circulation, published weekly by Rodney A. Hawes, publisher and printer thereof, at Marsing, County of Owyhee, State of Idaho;

That the annexed notice was published in said newspaper once each week and every week for 4 consecutive weeks, the first publication being on the 19 day of Jan., 1961, and the last publication being on the 9 day of Feb., 1961;

That the said newspaper has been published continuously and uninterruptedly in said county during a period of more than seventy-eight consecutive weeks prior to the first publication of the attached notice.

Rodney A. Hawes
PUBLISHER.

Subscribed and sworn to before me this 10 day of

Feb., 1961.

Leonard L. Hawes
NOTARY PUBLIC

My commission expires 9-10-64

(SEAL)

RECEIVED
MAR 7 1961

Department of Reclamation

NOTICE OF PROOF OF COMPLETION OF WORKS AND APPLICATION OF WATER TO BENEFICIAL USE

Notice is hereby given that at 1:00 P. M., on the 24th day of February, 1961, at Mt. Home Air Force Base, County of Elmore, State of Idaho, before Juanda J. Schmitz, Notary Public, at Office of the Area Engineer, Mt. Home, U. S. Army, Corps of Engineers, Ballistic Missile Construction Office, Building 109, Mt. Home AFB, Idaho, proof will be submitted of the completion of works for the diversion of 0.53 cubic feet per second of underground water from a well, and of the application to beneficial use of said water, in accordance with the terms and conditions of Permit No. G-28781, heretofore issued by the Department of Reclamation of the State of Idaho.

1. The name and postoffice address of the person or corporation holding said permit is United States of America, Acting by and through the Department of the Army, Corps of Engineers, Walla Walla District, City-County Airport, Walla Walla, Wash.

2. Said works of diversion will be fully completed on the date set for completion, and the amount of water which said works are capable of conveying to the place of use is 0.53 cubic feet per second.

3. The use to which said water has been applied is for military purposes, and the amount applied to beneficial use is 0.53 cubic feet per second.

4. The point of diversion of said water is NE $\frac{1}{4}$ of the SE $\frac{1}{4}$ of Section 4, Twp. 9 S., Rge. 5 E., B. M.

5. The place where said water is used is NE $\frac{1}{4}$ of the SE $\frac{1}{4}$ of Section 4, Twp. 9 S., Rge. 5 E., B. M.

6. The date of priority which said user is prepared to establish is 9 June 1960.

GEO. N. CARTER
State Reclamation Engineer
(Jan. 19 — Feb. 9)

28781

RECEIVED
MAR 7 1961

STATE OF IDAHO
DEPARTMENT OF RECLAMATION
BOISE, IDAHO

Department of Reclamation

Permit No. 9-28781

Proof of Application of Water to Beneficial Use

and Completion of Works

Deposition of Holder

Ques. 1. State your name, residence, occupation and postoffice address.

Ans. BENALAH W. MOLLE, 935 North 10th E., Mt. Home, Idaho
Deputy Area Engineer, U. S. Army Corps of Engineers, Ballistic Missile Constr.
Office, Building 109, Mt. Home AFB, Idaho

Ques. 2. If acting in behalf of corporation, state its name, principal place of business (if a foreign corporation, give name of postoffice of statutory agent), your position with reference to same, and your authority for appearing in its behalf. United States of America, Acting by and through the Department of the Army, Corps of Engineers, Walla Walla District, Walla Walla, Wash.

Ans.

Ques. 3. State number and date of permit, and date of priority you propose to establish under the permit.

Ans. Permit No. 9-28781 dated 16 June 1960 Priority - 9 June 1960

Ques. 4. State source of water supply and give exact location of point of diversion.

Ans. Well - NE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 4, T. 9 S., R. 5 E., B.M.

Ques. 5. Describe your works of diversion, and state amount of water they are capable of conveying from point of diversion to place of use, and give name of canal or ditch or other works by which water is conducted to such place of use. If a well, state depth of well, depth and size of casing and depth to water. If pump is used, state discharge of pump and tell how it was measured or determined. If sprinkler irrigation, give number and size of nozzles and operating pressure.

Ans. Well - depth 4000 feet. Casing sizes and depths: 14" to 201.5'; 10" to 400.2'; 8" to 697.3'; 6" to 2118'. Static water level at 349' depth.

Withdrawal by pump, capacity 125 GPM, manufacturer's test.

Ques. 6. State for what purpose water is used and describe place of use. (If for irrigation, name each subdivision in which used, and number of acres in each subdivision that have actually been irrigated with said water.) State whether cultivated or natural meadow land and the nature of all improvements which have been made as a direct result of said use.

Ans. Water is for military use in an underground installation. Point of use and point of diversion are the same.

Ques. 6-a If this is a ground water permit, give name and address of person that drilled the well.

Ans. Core Drilling Inc., Grand View, Idaho

Ques. 7. If for other than irrigation purposes; state how applied, amount of horse power generated, etc.

Ans. Water is for military use primarily as cooling water.

Ques. 8. What is the minimum amount of water required for the purpose specified above?

Ans. 125 GPM.

Ques. 9. If you are not the person or representative of the corporation to whom above mentioned permit was originally issued, please state how ownership was acquired by present holder.

Ans. Not applicable.

Ques. 10. State when, how, in what amount and to what extent the water diverted under above mentioned permit has been used.

Ans. No use prior to activation of installation has been made.

Ques. 11. State when, how, in what amount and to what extent waters other than those diverted under the above mentioned permit have been diverted and applied to beneficial use upon the lands herein described. Give full particulars regarding such other appropriations and rights claimed thereunder.

Ans. None.

(Sign)

Benaiah W. Molle
BENAIAH W. MOLLE

I hereby certify that the foregoing testimony was read to the above subscribed before its signing, that I believe him to be the person he represents himself to be, and that said testimony was subscribed and sworn to before me, at my office in Interlone AFB, County of Elmore, State of Idaho, on this 24th day of February, A. D. 1961.

James J. Scrimity

My commission expires 12 Oct 1964

STATE OF IDAHO
DEPARTMENT OF RECLAMATION
BOISE, IDAHO

RECEIVED
MAR 7 1961

Department of Reclamation

Permit No. 9-28781

Proof of Application of Water to Beneficial Use
and Completion of Works
Deposition of Witness

The deposition of two witnesses, on this form, taken separately, required in each case.

Ques. 1. State your name, age, residence, occupation and postoffice address.

Ans. THOMAS J. MENDIOLA - Age 37 - 965 North 10th E., Mt. Home, Idaho
Chief Construction Branch, U S Army Corps of Engineers, Mt. Home AFB, Idaho

Ques. 2. Are you acquainted with 9-28781 The United States of America, the holder of Permit No. 9-28781? How long have you known him and where does he reside?

Ans. 10 years 935 N 10 E Mt. Home, Idaho

Ques. 3. Have you read or heard read said Permit No. 9-28781, and are you familiar with its provisions and conditions?

Ans. _____

Ques. 4. State source of water supply, place of diversion, and describe works for conveying water from point of diversion to place of use.

Ans. Water is withdrawn from underground aquifer by a drilled and cased well located in NE 1/4 Section 4, T. 9 S., R. 5 E., B. M. Place of use is same as place of diversion.

Ques. 5. How many second feet of water do you estimate said works will safely conduct to place of use, and how much water have you seen being so conveyed?

Ans. 125 GPM

Ques. 6. (Pumps) How much water in cubic feet per second, miner's inches, or gallons per minute have you seen the pump deliver, and how did you measure or estimate the amount?

Ans. 125 GPM pump rating from manufacturer's tests.

Ques. 7. State for what purpose water is used and at what place. (If for irrigation, give each subdivision in which water has been used and number of acres irrigated in each subdivision.) State whether cultivated or natural meadow land and the nature of all improvements which have been made as a direct result of said use.

Ans. Water is used for military purposes at the point of diversion.

Ques. 8. If for power or other purposes than irrigation, state how water has been applied and to what extent.

Ans. Well is standby - no use has been made to date. Use will start when the military installation is activated.

Ques. 9. (If for irrigation) state character of land that has been reclaimed, and give your estimate of the amount of water required for its profitable cultivation.

Ans. Not applicable.

Ques. 10. Have you any interest in the works, water or lands above mentioned? If so, in what way and to what extent?

Ans. No.

Ques. 11. State when, how, in what amount and to what extent you have witnessed the application to beneficial use of water diverted under said permit.

Ans. _____

(Signed) _____

THOMAS J. MENDIOLA

I hereby certify that the foregoing testimony was read to the above subscriber before its signing, that I believe him to be the person he represents himself to be, and that said testimony was subscribed and sworn to before me in Intm Home AFB, County of Elmore, State of Idaho, on this 24th day of February, A. D. 1964.

James J. Schmitz
Notary Public.

My commission expires 12 October 1964

STATE OF IDAHO
DEPARTMENT OF RECLAMATION
BOISE, IDAHO

RECEIVED
MAR 7 1961

Department of Reclamation

Permit No. 28781

Proof of Application of Water to Beneficial Use
and Completion of Works
Deposition of Witness

The deposition of two witnesses, on this form, taken separately, required in each case.

Ques. 1. State your name, age, residence, occupation and postoffice address.

Ans. MARVIN A. CARMICHAEL - Age 37 - 2910 Hazel Street, Boise, Idaho
Construction Engineer, Corps of Engineers, Mt. Home AFB, Idaho

Ques. 2. Are you acquainted with The United States of America, the holder of Permit No. 28781? How long have you known him and where does he reside?

Ans. 10 years 935 N. 10th E., Mt. Home, Idaho

Ques. 3. Have you read or heard read said Permit No. 28781, and are you familiar with its provisions and conditions?

Ans. _____

Ques. 4. State source of water supply, place of diversion, and describe works for conveying water from point of diversion to place of use.

Ans. Water is withdrawn from underground aquifer by a drilled and cased well
located in NE 1/4 Section 4, T. 9 S., R. 5 E., B. M. Place of use is
same as place of diversion.

Ques. 5. How many second feet of water do you estimate said works will safely conduct to place of use, and how much water have you seen being so conveyed?

Ans. 125 GPM

Ques. 6. (Pumps) How much water in cubic feet per second, miner's inches, or gallons per minute have you seen the pump deliver, and how did you measure or estimate the amount?

Ans. 125 GPM pump rating from manufacturer's tests.

Ques. 7. State for what purpose water is used and at what place. (If for irrigation, give each subdivision in which water has been used and number of acres irrigated in each subdivision.) State whether cultivated or natural meadow land and the nature of all improvements which have been made as a direct result of said use.

Ans. Water is used for military purposes at the point of diversion.

Ques. 8. If for power or other purposes than irrigation, state how water has been applied and to what extent.

Ans. Well is standby - no use has been made to date. Use will start when the military installation is activated.

Ques. 9. (If for irrigation) state character of land that has been reclaimed, and give your estimate of the amount of water required for its profitable cultivation.

Ans. Not applicable.

Ques. 10. Have you any interest in the works, water or lands above mentioned? If so, in what way and to what extent?

Ans. No.

Ques. 11. State when, how, in what amount and to what extent you have witnessed the application to beneficial use of water diverted under said permit.

Ans. _____

(Signed) _____

Morris H. Lamuchal

I hereby certify that the foregoing testimony was read to the above subscriber before its signing, that I believe him to be the person he represents himself to be, and that said testimony was subscribed and sworn to before me in Mtn. Home AFB, County of Elmore, State of Idaho, on this 24th day of February, A. D. 1961.

James J. Schmitz
Notary Public.

My commission expires 12000 1964

U.S. ARMY ENGINEER DISTRICT, WALLA WALLA
CORPS OF ENGINEERS
BLDG. 602, CITY-COUNTY AIRPORT
WALLA WALLA, WASHINGTON

ADDRESS REPLY TO
THE DISTRICT ENGINEER
NOT TO INDIVIDUALS

JAN 1 61961

NPWRO
Mt. Home Water Wells

Dep't of Reclamation
RECEIVED FILED
Rec'd JAN 12 1961 January 1961

TO	INIT.	DATE
✓60		

State Reclamation Engineer
Department of Reclamation
Boise, Idaho

Dear Sir:

Please refer to your letter of 3 January 1961 regarding Permits G-28781,
G-28877, and G-27899.

Corrected copies of Forms 36, in duplicate, for each of the above
numbered permits are inclosed naming Juanda J. Schmitz as the designated
notary public. Forms 11 for each permit are returned herewith. To allow
for the 4 publications prescribed by your statutes, we have changed the
date of the hearing to 24 February 1961.

Your cooperation in this matter is appreciated.

Sincerely yours,

Max K. Tysor
MAX K. TYSOR
Chief, Real Estate Division

- 3 Incl
1. Form 36 (dup) w/Form 11
Permit G-27899
 2. Form 36 (dup) w/Form 11
Permit G-28781
 3. Form 36 (dup) w/Form 11
Permit G-28877

2 8781

January 16, 1961

Re: Voucher No. 101-4785
Permit Nos. G-27899;
G-28781 and G-28877

Mr. Max K. Tysor, Chief
Real Estate Division,
U. S. Army Engineer District Walla Walla
Bldg. 602, City-County Airport,
Walla Walla, Washington.

Dear Mr. Tysor:

We are returning to you herewith Voucher No. 101-4785 dated December 28, 1960, in connection with the above captioned permits.

Publication fees are paid by the permittee direct to the publisher.

In case your fiscal arrangements prevent such action without first advertising for bids, as is the case with some other government agencies, we can await the bill for publication, and, knowing the amount, we can bill the Corps of Engineers, and upon receipt of the check, endorse it over to the publisher.

This is the procedure we use with the Bureau of Reclamation of the Interior Department.

Very truly yours,

GEO. N. CARTER
State Reclamation Engineer
By

(Mrs.) Edna P. Rule
Chief Clerk

Encl.
GNC:SPR:pmk

January 3, 1961

NPWRO
Mt. Home Water Wells

Re: Permits G-28761; G-28877; G-27899

Max K. Tysor, Chief
Real Estate Division
U. S. Army Engineer District, Walla Walla
Bldgs 602, City County Airport
Walla Walla, Washington

Dear Mr. Tysor:

Returned herewith are the two forms 36 and Form 11
for each of the Permits, also six new forms 36.

The forms show that the proofs are to be made before
Samuel M. Fenn, Major, CE and Notary Public has been x ed out. The
proofs must be made before some one authorized to take civil affidavits
such as Notary Publics or Justices of the Peace.

Kindly return the Forms 11 with corrected Forms 36.

Very truly yours,

GEO. N. CARTER
State Reclamation Engineer

By:

PAUL H. THOMAS, Deputy
State Reclamation Engineer

RT:ew

Enc. forms 36 -11
6 new forms 36

November 10, 1960

Re: Permit No. C-27899
C-28781
C-28877

Max K. Tynor, Chief Real Estate Div.
U. S. Army Engineer District
Walla Walla Corps of Engineers
Walla Walla, Washington

Dear Sir:

We enclose the necessary forms for making completion of works and application of beneficial use forms on the above numbered permits, as requested in your letter of November 8, 1960.

Very truly yours,

GEO. W. CARTER
State Reclamation Engineer

By:

RALPH W. THOMAS, Deputy
State Reclamation Engineer

RT:ew

Enc. 3 sets form 11-36-instructions

July 8, 1960

Re: Permit No. G-28781

C
O
P
Y

U. S. Army Engineer District, Walla Walla,
Corps of Engineers,
Bldg. 602, City-County Airport,
Walla Walla, Washington

Gentlemen:

We enclose Permit No. G-28781 in which we direct your attention to the limitations and conditions as given on the fourth page under approval of the State Reclamation Engineer.

We also enclose Departmental Receipt No. G-4879 which was issued covering payment in the amount of \$5.00 for the filing fee of the above mentioned permit.

Very truly yours,

CEO. N. CARTER
State Reclamation Engineer
By

(Mrs.) Edna P. Rule
Chief Clerk

Encl.
EPR:pmk

28781

B-9
9-58

BUREAU OF RECLAMATION
REGIONAL OFFICE REGION I
BOX 937 - BOISE, IDAHO

To: Mr. Carter

FROM: Dick Lindgren

Attached letter missent to this office.

JAN 1 6 1961

ation

28781

February 28, 1961

Re: Voucher #NFW 613554 - NFW 61-3555
Permit Nos. G-27899-G-28781 and G-28877

Mr. Max K. Tysor, Chief
Real Estate Division
U. S. Army Engineer District, Walla Walla
Walla Walla, Washington

Dear Mr. Tysor:

We are enclosing Voucher #NFW - 61-3554 in the amount of \$26.23, and also Voucher #NFW 61-3555 in the amount of \$47.70, each properly signed for payment.

The checks should be made payable to the State Department of Reclamation which the State Reclamation Engineer will endorse over to the respective papers.

Very truly yours,

EDD. N. CARTER
State Reclamation Engineer

By:

(Mrs.) Edna P. Hale
Chief Clerk

EPH:ew

Enc. vouchers

January 31, 1961

RE: Permit No. G-28781

Mr. Max K. Tysor, Chief Real Estate Division
U. S. Army Engineer District, Walla Walla
Bldg. 602, City-County Airport
Walla Walla, Washington

Dear Mr. Tysor:

Enclosed is the statement of cost of publication in the Owyhee Nugget of notice of proof of completion of works and application of water to beneficial use on Permit No. G-28781.

We refer you to our letter of January 16, 1961 in which we stated that a check could be made payable to this department. As soon as it is received it will be endorsed over to the publisher.

Very truly yours,

GEO. N. CARTER
State Reclamation Engineer
By

(Mrs.) Edna P. Rule
Chief Clerk

EPR:mr

Enc. statement

28781

NOTICE TO ACCOMPANY THIS LETTER MUST BE MADE IN DUPLICATE

(Date) DEC 28 1960

(P. O.) Building 602, City-County Airport, Walla Walla, Washington

TO THE STATE RECLAMATION ENGINEER:

Boise, Idaho

Dear Sir:

You are hereby authorized to have the attached notice published at my expense in the

Owyhee Nugget of Marsing, Idaho published in

the county in which the works are situated

Max K. Tysor
MAX K. TYSOR
Chief, Real Estate Division
U. S. Army Engineer District, Walla Walla

(In case of canals or other works designed to divert and carry more than 50 cubic feet of water per second, the following certificate must be signed by a well known and competent engineer.)

I hereby certify that the facts set forth in the attached notice are true.

Engineer.

NOTICE OF PROOF OF COMPLETION OF WORKS
and
APPLICATION OF WATER TO BENEFICIAL USE

Notice is hereby given that at 1:00 P.M., on the 24th day of February 1961, at Mt. Home Air Force Base, County of Elmore, State of Idaho, before Juanda J. Schmitz, Notary Public, at (address) Office of the Area Engineer Mt. Home, U.S. Army, Corps of Engineers, Ballistic Missile Construction Office, Building 109, Mt. Home AFB, Idaho, proof will be submitted of the completion of works for the diversion of 0.53 cubic feet per second of underground water from a well, and of the application to beneficial use of said water, in accordance with the terms and conditions of Permit No. G-28781, heretofore issued by the Department of Reclamation of the State of Idaho.

1. The name and postoffice address of the person or corporation holding said permit is United States of America, Acting by and through the Department of the Army, Corps of Engineers, Walla Walla District, City-County Airport, Walla Walla, Wash.,

2. Said works of diversion will be fully completed on the date set for such completion, and the amount of water which said works are capable of conveying to the place of use is 0.53 cubic feet per second.

3. The use to which said water has been applied is for military purposes, and the amount applied to beneficial use is 0.53 cubic feet per second.

4. The point of diversion of said water is NE $\frac{1}{4}$ of the SE $\frac{1}{4}$ of Section 4,
Twp. 9 S., Rge. 5 E., B. M.

5. The place where said water is used is NE $\frac{1}{4}$ of the SE $\frac{1}{4}$ of Section 4,
Twp. 9 S., Rge. 5 E., B. M.

6. The date of priority which said user is prepared to establish is 9 June 1960.

Geo. W. Carter

State Reclamation Engineer

28781 R7

STATE OF IDAHO
DEPARTMENT OF RECLAMATION

Boise, Idaho

Re: Permit No. G-28781
U. S. A., acting by & through the Dept. of the Army,
Corps of Engineers, Walla Walla District,

Date: Jan. 16, 1961

Owyhee Nugget
Marsing, Idaho.

Gentlemen:

Enclosed you will find notice for publication, once a week for four consecutive
weeks prior to February 24, 1961 the date set for proof;

the expense of the publication is to be paid by the applicant
United States of America, Acting by & through
the Dept. of the Army, Corps of Engineers, of Walla Walla, Washington
W.W. Dist., City-County Airport
to whom you should furnish proof of publication on or prior to the date set for
proof.

Please acknowledge receipt of this notice and furnish this office with a copy
or tear sheet of the first publication.**

Very truly yours,


GEO. N. CARTER
State Reclamation Engineer

** If the first copy is not received in this office for checking purposes
and errors appear in subsequent issues, it is possible that re-publication
of corrected copy will be at your own expense

Encl.

P.S. Please send statement of costs in duplicate to the Department of
Reclamation, State House, Room 107, Boise, Idaho, and we will forward
same to the Army Engineers at Mountain Home, Idaho.

28781

STATE OF IDAHO

DEPARTMENT OF RECLAMATION

BOISE

January 16, 1961

Re: Permit No. G-28781

DEPOSITIONS ARE OF NO VALUE
UNLESS AFFIDAVIT OF PUBLICATION
IS ATTACHED

Mr. Max K. Tysor, Chief,
Real Estate Division,
U.S. Army Engineer Dist., Walla Walla,
Bldg. 602, City-County Airport,
Walla Walla, Washington.

Dear Mr. Tysor:

This acknowledges the Notice of Proof of Completion of Works and Application of Water to Beneficial Use under Permit No. G-28781. The proofs are to be made at 1:00 o'clock P.M., on the 24th day of February, 1961, ~~1960~~, before Juanda J. Schmitz, Office of the Area Engineer,, Notary Public. Mt. Home, U.S. Army, Corps of Engineers, Ballistic Missile Const. Office, Bldg. 109, Mt. Home AF
As of this date we have mailed the Notice to the Owyhee Nugget with instructions to publish it once a week for four consecutive weeks prior to the date set for final proof and then mail the affidavit of publication and statement of costs to you.

It is important that the enclosed depositions be executed by you and two disinterested witnesses who are familiar with the terms of the permit and the work done thereunder, at the place, on the date, and at the time and before the Notary, as advertised. It is very important and necessary that each question be answered in detail.

In returning the depositions to this office, be sure that all copies have been signed, the Notary's seal has been placed on each and that all depositions, (holder and two witnesses) are being returned. Also be sure to enclose the Affidavit of Publication.

Very truly yours,

GEO. N. CARTER
State Reclamation Engineer

By:

(Mrs.) Edna P. ^{Rule} ~~Boyd~~
Chief Clerk

Encl.
EPR:pmk
cc: Notary

28781

NAME OF APPLICANT

Form No. 0

32

33

34

T. 8 S., R. 5 E., B. M.
T. 9 S., R. 5 E., B. M.

5

4

3



Point of Diversion
and place of use.

8

9

10

Permit Map No. 28781

As Approved

GEO. N. CARTER
Senior Reclamation Engineer

JUN 16 1960

Scale: 2 inches equal 1 Mile. Draw Plan in ink.

28781

PURCHASE ORDER-INVOICE-VOUCHER

PAID BY ☐ CASH OR CHECK NO.

D. O. VOUCHER NO.

BUREAU VOUCHER NO.

ORDER NO.

101-4770

DATE OF ORDER

18 May 1960

PRINT NAME AND ADDRESS OF SELLER (NUMBER, STREET, CITY, AND STATE)

**Department of Reclamation
Boise, Idaho**

FURNISH SUPPLIES OR SERVICES TO (NAME AND ADDRESS)

**Chief, Acquisition Branch, Real Estate Division
U.S. Army Engineer District, Walla Walla
Walla Walla, Washington**

QUAN- TITY	ITEM	UNIT PRICE	TOTALS
1	JOB: Filing Fee for Appli- cation for Permit to appropriate subterranean waters, Special Site ME-4 Complex 1A, T-3, Owyhee County, Water Well No. 2 Mountain Home AFB	\$5.00	

AGENCY NAME AND MAILING ADDRESS

**US Army Engr Dist, Walla Walla
Walla Walla, Washington
ATTN: Real Estate Division**

TOTAL **\$5.00**

DISCOUNT TERMS
% DAYS

DATE INV. RECEIVED

ORDERED BY (SIGNATURE)

JACK TERCASKIS, Contracting Officer

PURPOSE (PROJECT, ETC.)

Mt. Home AFB

OWEN L. COOMBE

Ch., Acquisition Branch

5-31-60

FORWARD TO VENDOR WITH CHECKS

APPROPRIATION, LIMITATION, PROJECT, OR OTHER ACCOUNTING CLASSIFICATION

60M7/95 802.3

57X3300 077-6527 P321- 545-164 BAN 225

483

4. MEMORANDUM COPY

(Optional Use)

16-68332d-2

28781

May 24, 1960

RE: Application for Permit

U. S. Army Engineer District, Walla Walla
Corps of Engineers
Bldg. 602, City-County Airport
Walla Walla, Washington

Attention: Max K. Tysor
Chief, Real Estate Division

Gentlemen:

This acknowledges receipt of an Application for Permit to appropriate the Subterranean Waters of the State of Idaho.

We are enclosing the Voucher properly signed for approval for payment upon receipt of which the Application will be put forward for its completion.

Very truly yours,

GEO. N. CARTER
State Reclamation Engineer
By

(Mrs.) Edna P. Rule
Chief Clerk

EPR

Encl. Voucher

28781

U.S. ARMY ENGINEER DISTRICT, WALLA WALLA
CORPS OF ENGINEERS
BLDG. 602. CITY-COUNTY AIRPORT
WALLA WALLA, WASHINGTON

ADDRESS REPLY TO
THE DISTRICT ENGINEER
NOT TO INDIVIDUALS

18 May 1960

NPWRO
Mt. Home AFB
Special Site ME-4
Complex 1A, T-3
Owyhee County, Ida.
Water Well No. 2

State Reclamation Engineer
Department of Reclamation
Boise, Idaho

Dear Sir:

Inclosed herewith is Application for Permit to appropriate subterranean waters with two maps showing location of the well as prescribed by your statutes. A Well Log of the drilling is also inclosed in compliance therewith.

Our Standard Form 44 is submitted for your signature in order that the filing fee which must accompany the Application can be disbursed.

Your cooperation in this matter is appreciated.

Sincerely yours,

- 3 Incls
1. SF 44 (101-4770
2. Application
3. Ltr - 3-29-60
Well Log & Boring Log

MAX K. TYSOR
Chief, Real Estate Division

CORE DRILLING INCORPORATED

DIAMOND CORING SPECIALISTS
DENVER DALLAS SALT LAKE CITY

F. W. HARRISON, President

P. O. BOX 1356
DENVER 1, COLORADO

Item 5. Record of Penetration

Hours	<u>Drilling Period</u>		Footage	Total Feet
	Start	End		
264	12/19/59	1/1/60	1-105	105
1056	1/2/60	2/14/60	105-832	727
360	2/15/60	3/2/60	832-1522	690
144	3/2/60	3/8/60	1522-2112	590

CORE DRILLING INCORPORATED

DIAMOND CORING SPECIALISTS
DENVER DALLAS SALT LAKE CITY

F. W. HARRISON, President

P. O. BOX 1356
DENVER 1, COLORADO

Pumped 207 GPM for 3 hours - clear water
Pumped 214 GPM for 2 hours - clear water
Pumped 167 GPM for 2 hours - clear water
Pumped 172 GPM for 2 hours - clear water
Pumped 130 GPM for 1½ hours - clear water

See attached ammeter recording for time and h.p. readings.

Item 11. All well logs required by the state:
See attached logs.

CORE

DRILLING INCORPORATED

DIAMOND CORING SPECIALISTS
DENVER DALLAS SALT LAKE CITY

F. W. HARRISON, President

RECEIVED
MAY 23 1960
Department of Reclamation
P. O. BOX 1354
DENVER 1, COLORADO

Drilled 9 7/8" hole to 2112 ft. depth. Set 641.56 ft. of 8" casing at 2112 ft. depth. Top 1470.44 ft.

- Item 4. Record of well screens:
None used.
- Item 5. Record of penetration rate:
See attached chart.
- Item 6. Exact position of setting top and bottom of each string of casing:
See Item 3 for detail.
- Item 7. Exact position of each line:
See Item 3 for detail.
- Item 8. Exact position of all perforated areas:
There is 250 ft. of 8" casing perforated in this well. The bottom of the perforated section is 20 ft. up from bottom at 2092 ft. depth and the top of the perforated section is at 1842 ft. depth.
- Item 9. Record of cementing and sealing operations:
Cement was used at the bottom of the 20" casing and the collar of the hole on the 20" casing was also cemented to insure freedom from surface contamination. All other seals are described in Item 3.
- Item 10. Description of methods and data of well capacity tests:
Test pump equipment consisted of Reda Submersible Electrical Centrifugal Pump, Model 436-180, size, 80 h.p. with 1200 feet of 3" column.
Reda 125 k.w. gas engine generator station with control panel and cable.
Measuring device--3" orifice plate on 4" discharge pipe with regulator valve and pilot tube. Also 3/4" air line to top of pump.
- Well capacity tests based on pumping test:
Static water level 855 feet.
No draw down during entire 10.5 hours of pumping.
Water cleared up after 30 minutes pumping.
Water temperature 128.0.

CORE DRILLING INCORPORATED

DIAMOND CORING SPECIALISTS
DENVER DALLAS SALT LAKE CITY

F W HARRISON, President

RECEIVED
MAY 23 1960
Department of the Army

P O BOX 1354
DENVER 1, COLORADO

P. O. Box 155
Grand View, Idaho

March 29, 1960

Subject: Contract DA-45-164-Eng-3554
Drilling, Casing, Developing, and
Testing Water Well, Mt. Home AFB, Idaho

Area Engineer
U. S. Army Engineer Area Office, Mt. Home
Building 109
Mt. Home Air Force Base, Idaho

Gentlemen:

Item 1. History of drilling operations:

Drilling operation started on December 19, 1959 and was finished on March 8, 1960. All drilling was done with rotary drilling equipment. Equipment consisted of:

- 1- Model 510 Joy 5000 ft. capacity diesel engine driven, trailer mounted rig on sub structure.
- 1- Gardner Denver 7 x 12 diesel engine driven mud pump.
- 3- Joy 840 cubic foot diesel engine driven air compressors.
- 1- Joy 1200 p.s.i. booster diesel engine driven air compressor.

All air drilling tools, injection pumps for mist drilling, chemicals for controlling low pressure zones and lost circulation areas supervised by air drilling specialists. Well was developed with high pressure air prior to running pump test with submergible pump.

Item 2. Location of all strata encountered:
(See attached logs)

Item 3. Record of casing operations:

Drilled and reamed 22 5/8" hole to 93.43 ft. depth. Set 94.93 ft. of 20" casing to 1.5 ft. above ground line. Drilled and reamed 18 5/8" hole to 339.38 ft. depth. Set 341.38 ft. of 16" casing to 2 ft. above ground level. Drilled and reamed 17 1/4" hole to 820 ft. depth. Set 537 ft. of 14" casing at 820 ft. depth with top of 14" casing at 283'. Top fitted with lead seal and rolled out to inside of 16" casing for shut off. Drilled and reamed 12 3/4" hole to 1510 ft. depth. Set 734.55 ft. of 10" casing at 1510 ft. depth with top of casing at 775.45 ft.

28781

**CERTIFICATE OF PROOF OF
COMPLETION OF WORKS
AND
APPLICATION OF WATER
TO BENEFICIAL USE**

Notice is hereby given that at 1:00 P. M., on the 24th day of February, 1961, at Mt. Home Air Force Base, County of Elmore, State of Idaho, before Juanda J. Schmitz, Notary Public, at Office of the Area Engineer, Mt. Home, U. S. Army, Corps of Engineers, Ballistic Missile Construction Office, Building 109, Mt. Home AFB, Idaho, proof will be submitted of the completion of works for the diversion of 0.53 cubic feet per second of underground water from a well, and of the application to beneficial use of said water, in accordance with the terms and conditions of Permit No. G-28781, heretofore issued by the Department of Reclamation of the State of Idaho.

1. The name and postoffice address of the person or corporation holding said permit is United States of America, Acting by and through the Department of the Army, Corps of Engineers, Walla Walla District, City-County Airport, Walla Walla, Wash.

2. Said works of diversion will be fully completed on the date set for completion, and the amount of water which said works are capable of conveying to the place of use is 0.53 cubic feet per second.

3. The use to which said water has been applied is for military purposes, and the amount applied to beneficial use is 0.53 cubic feet per second.

4. The point of diversion of said water is NE $\frac{1}{4}$ of the SE $\frac{1}{4}$ of Section 4, Twp. 9 S., Rge. 5 E., B. M.

5. The place where said water is used is NE $\frac{1}{4}$ of the SE $\frac{1}{4}$ of Section 4, Twp. 9 S., Rge. 5 E., B. M.

6. The date of priority which said user is prepared to establish is 9 June 1960.

GEO. N. CARTER
State Reclamation Engineer
(Jan. 19 — Feb. 9)

28781



SURVEY REPORT

EASTMAN OIL WELL SURVEY COMPANY

D E N V E R • L O N G B E A C H • H O U S T O N

Longview • Odessa • Oklahoma City • Lafayette • Casper • Bakersfield • Ventura • Calgary

EASTMAN SURVEY REPORT
WELL NO. _____

28781

THIS IS A RECORD OF A SUB-SURFACE SURVEY OF YOUR WELL

It includes:

1. A title page giving the name of company, name and number of well, and the well location.
2. A horizontal plan (as well would appear, if viewed from above), showing each point on the survey in relation to the surface location. The bearing and distance from surface to bottom of the well is given.
3. A number of record of survey sheets, giving the true vertical depth, angle and direction of drift, and rectangular coordinates of each point on the survey. From these, geological correlations, sub-surface lease maps, etc., may be made. This information is especially valuable when straightening or re-drilling work is contemplated.
4. If requested, vertical sections will be made showing the course of the well in two planes. The well will appear as if it were viewed from the side.

NOTE

This is a strictly confidential report, and can be secured by no one except with a written order from you. The photographic film on which this survey was made has been destroyed. We have an office copy of the survey. These records are kept locked and are held in the strictest confidence. Should you desire, you may have the office record also. The only reason we deem it advisable to preserve the office copy is for your convenience in case of loss of this report. All records of the survey are your property.

This report is made on tracing cloth and paper with India ink, in order that copies can be rapidly and cheaply made. This booklet can be forwarded to any blueprint company, where copies will be made for a nominal sum. Each sheet of this survey bears a job number, but only the title sheet carries the name. To insure secrecy the title page may be sent to one company and the balance to another.

SUGGESTIONS

If desired, the depths may be stated as true elevations from sea level, instead of depths below the derrick floor. If this is requested, please submit the elevation of the derrick floor, when ordering the survey.

In requesting vertical sections, the operator will find it much to his advantage to have them made with some respect to the formation. He should ascertain from his geologist on which particular plane the vertical section should be projected.

Should the operator care to have his lease lines or nearby property lines shown on the plan, he should submit the necessary data when ordering the survey.

When surveying a number of wells on one lease, it is always desirable to correlate the surveys in the form of a sub-surface lease map. Submit your survey records and surface lease dimensions, and we will be glad to make you such a map.

RECEIVED
MAY 23 1960

Department of the Interior

**REPORT
and
PLAN
of
SUB-SURFACE
INCLINATION
SURVEY

CORPS. OF
ENGINEERS

SITE N° 2**

JOB NO. _____

DATE MARCH 4, 1960

EASTMAN OIL WELL SURVEY COMPANY

DENVER, COLORADO

LONG BEACH, CALIFORNIA

HOUSTON, TEXAS

SURVEY BY

DENVER

OFFICE



RECORD OF SURVEY

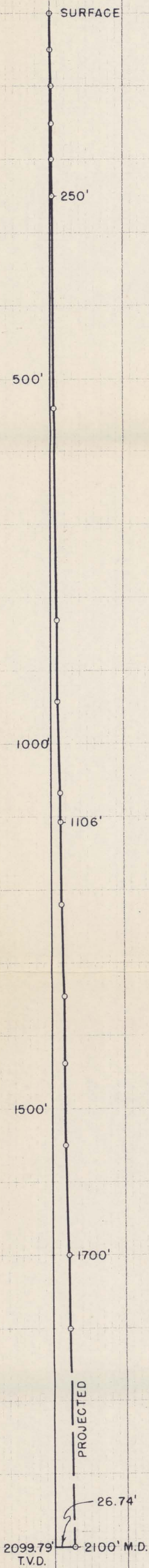
CHECKED BY _____

JOB NO. _____ DATE Mar. 4, 1960

STATION	MEASURED DEPTH		DRIFT ANGLE	TRUE VERTICAL DEPTH		COURSE DEVIATION		DRIFT DIRECTION	RECTANGULAR COORDINATES								
									NORTH		SOUTH		EAST		WEST		
1	50	00	0° 10'	50	00	0	15		0	15							
2	100	00	0° 30'	100	00	0	44		0	59							
3	150	00	0° 00'	150	00	0	00		0	59							
4	200	00	0° 35'	200	00	0	51		1	10							
5	250	00	0° 20'	250	00	0	29		1	39							
6	540	00	0° 45'	539	97	3	80		5	19							
7	830	00	0° 40'	829	94	3	36		8	55							
8	942	00	0° 30'	941	94	0	97		9	52							
9	1067	00	1° 00'	1066	92	2	19		11	71							
10	1106	00	1° 00'	1105	91	0	68		12	39							
11	1220	00	0° 40'	1219	90	1	32		13	71							
12	1345	00	1° 00'	1344	88	2	19		15	90							
13	1438	00	0° 50'	1437	87	1	35		17	25							
14	1550	00	0° 50'	1549	86	1	62		18	87							
15	1700	00	1° 00'	1699	83	2	63		21	50							
16	1800	00	0° 45'	1799	82	1	31		22	81							
17	2100	00	0° 45'	2099	79	3	93		26	74							PROJECTED

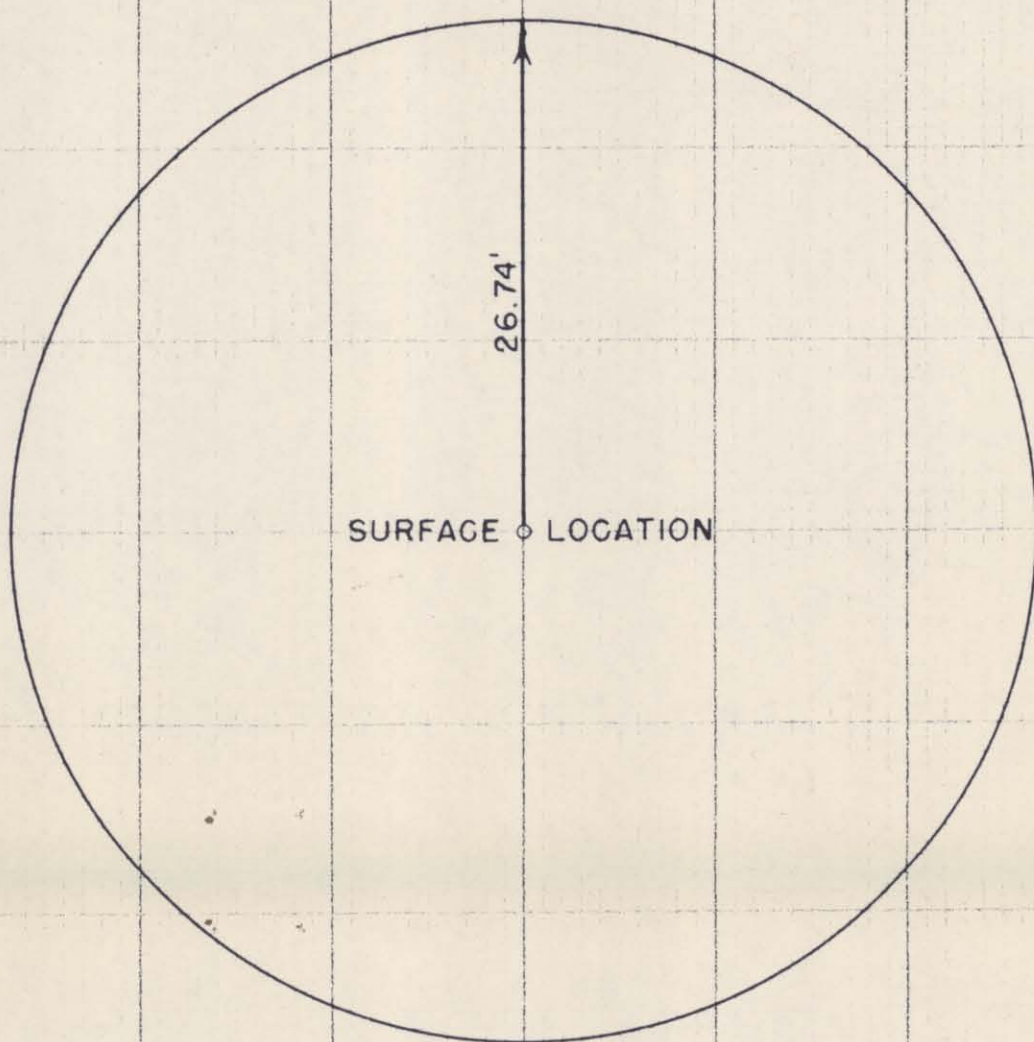
VERTICAL SECTION

SCALE 1" = 100'



PLAN

SCALE 1" = 10'



MAXIMUM POSSIBLE HORIZONTAL DEVIATION FROM SURFACE TO T.D. 2100', ASSUMING ALL DRIFTS WERE IN ONE DIRECTION, IS 26.74 FEET.

CORPS. OF ENGINEERS
SITE N° 2

Eastman
OIL WELL
SURVEY COMPANY
DRAWN BY R. C. C.

Eastman

Originators **OF CONTROLLED DIRECTIONAL
DRILLING**

Pioneers **OF OIL WELL SURVEY SERVICE**