

NE 1/4 SW 1/4

CROW PROPERTY

[REDACTED]
 HIGHWAY
 CROSSING

	ACRES	SUBDIVISION
1	0.00	
2	0.00	
3	0.00	
4	0.00	
5	0.00	
6	0.00	
7	0.00	
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96	0.00	
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99	0.00	
100	0.00	

EASTMAN PROPERTY

PROPOSED
RESERVIR

BURLINGTON NORTHERN R R

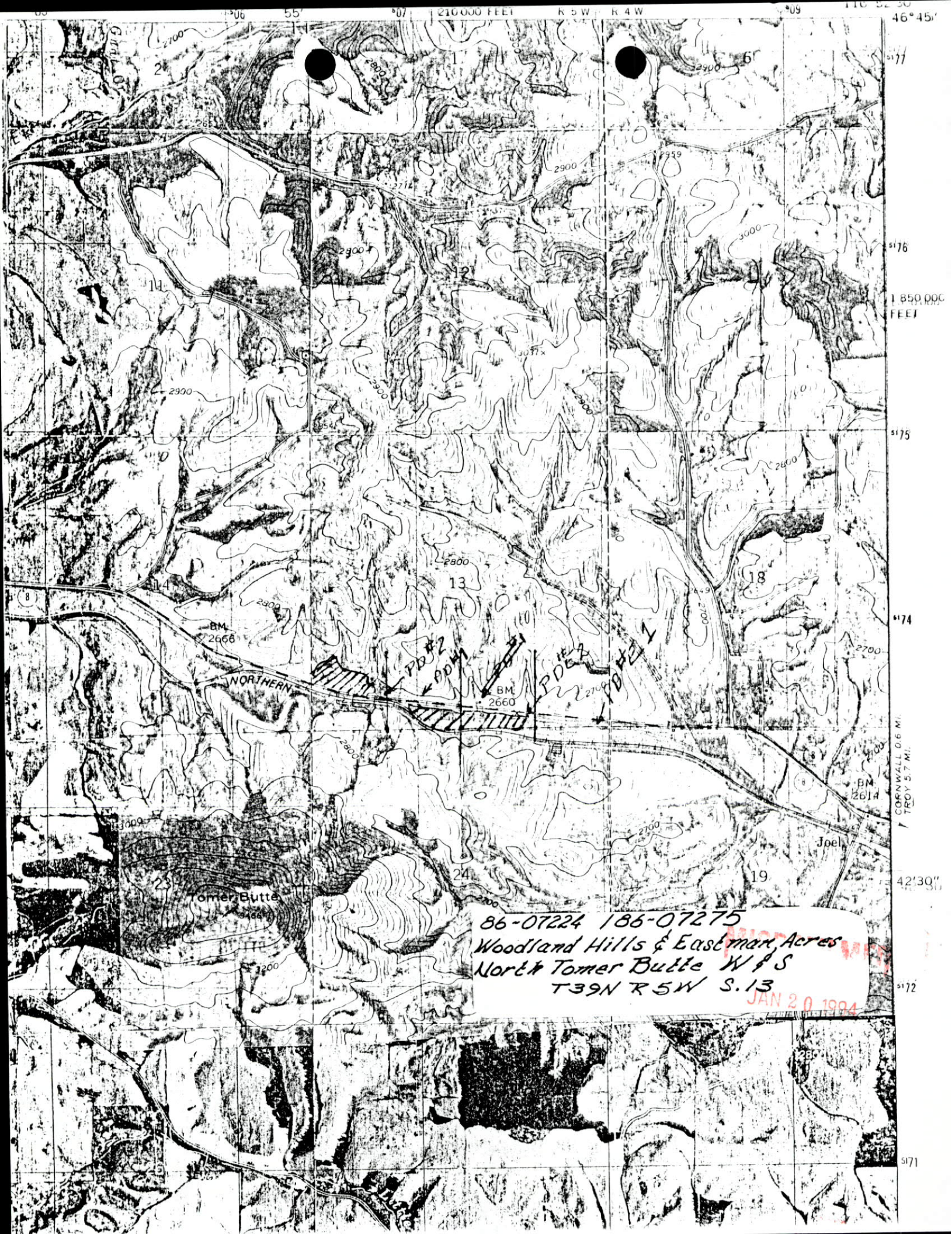
MAR 19 1990

T 39N RANGE 4 W BM

LATAH COUNTY, IDAHO

NE 1/4 NE 1/4

369.03
319.60
182



86-07224 186-07275
Woodland Hills & Eastman Acres
North Tomer Butte W & S
T39N R5W S.13
JAN 20 1994

CORNWALL 0.6 MI.
TROY 5.7 MI.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
FIELD REPORT SUPPLEMENT

PERMIT # 86-07224
86-07275

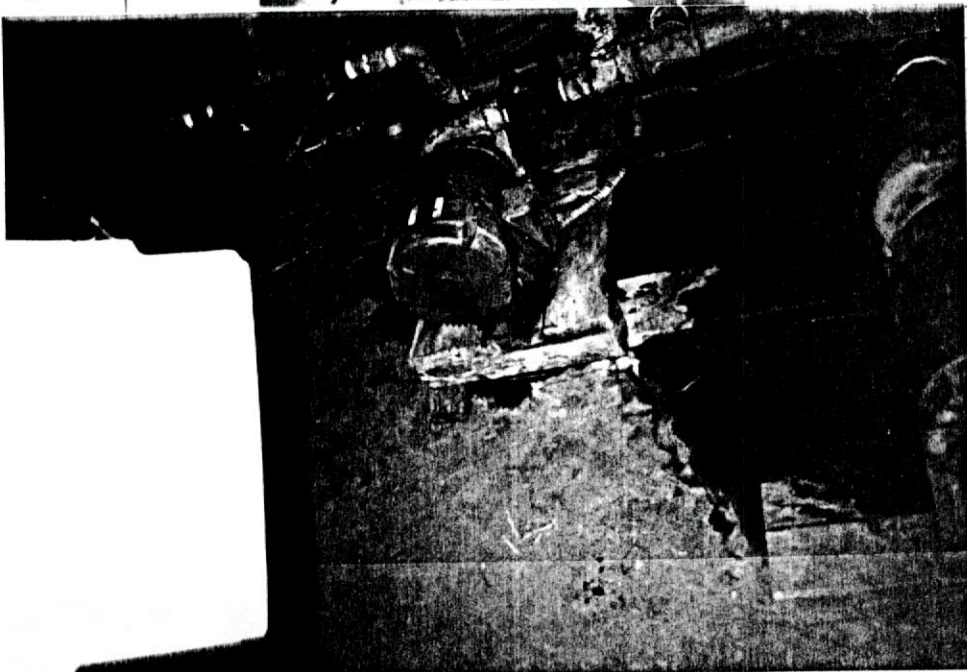
P H O T O G R A P H S



Well #E1
As seen from
top of casing



Well #E2



These two wells
draw water to this
Storage Reservoir
serving two
5 HP pumps draw
water to 6" pressure
mainline

JAN 20 1994

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
FIELD REPORT SUPPLEMENT

PERMIT # 86-07224
86-07275

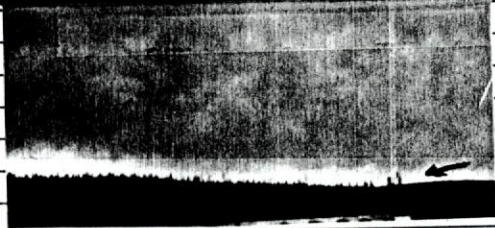
P H O T O G R A P H S



Well #1: 10" x 410' W/SWL @ 30"
; 7.5 HP ≈



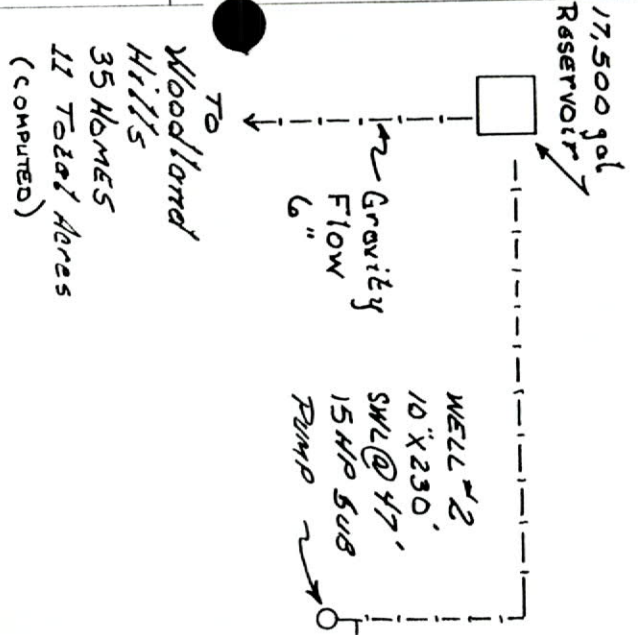
Well #2: 10" x 230' W/SWL
@ 47'; 15 HP pump



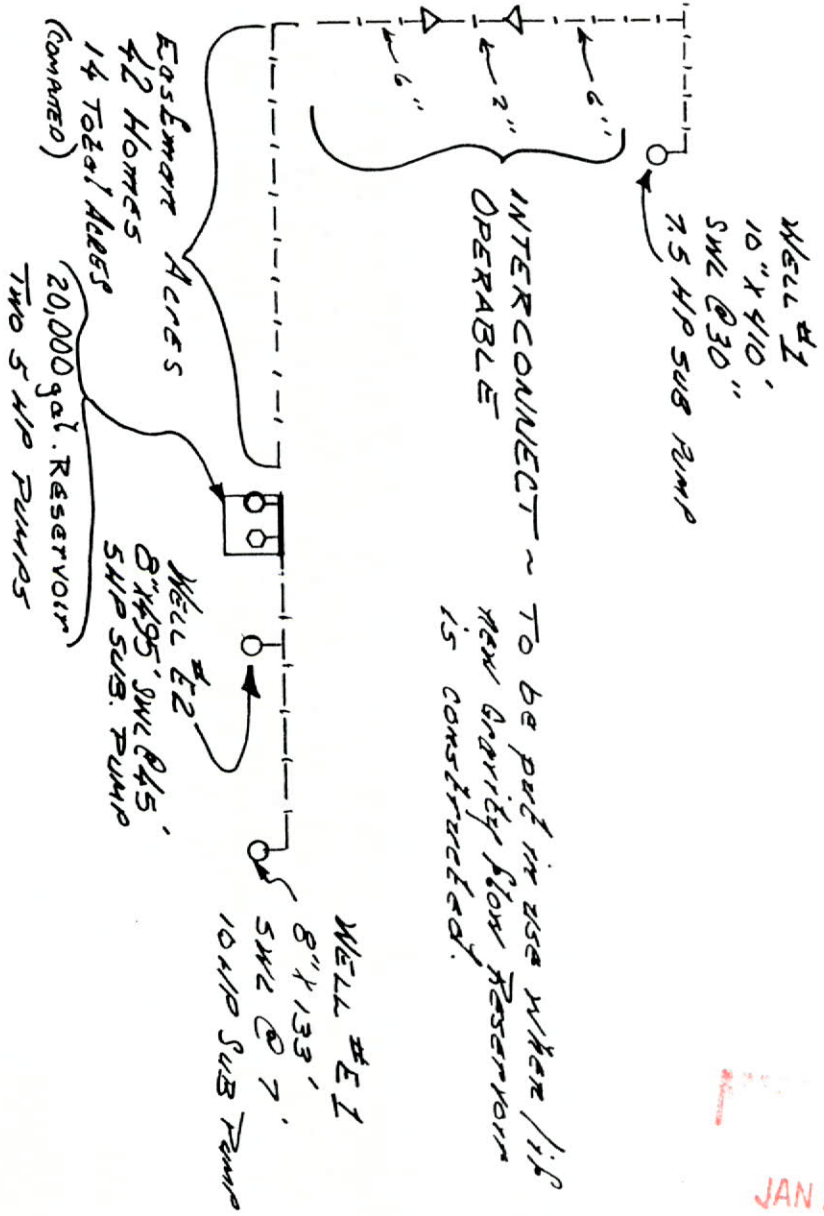
THESE TWO WELLS DELIVER WATER TO
THIS 12,500 gal RES. THEN
GRAVITY FLOW

JAN 20 1994

8-7224-86-7275



Acreage Computed using
USDA-SCS Acreage Computer
(~~Excluded~~ of state)



JAN 20 1994

State of Idaho
Department of Water Administration
WELL DRILLER'S REPORT

RECEIVED

1977

State law requires that this report be filed with the State Reclamation Engineer within 90 days after completion or abandonment of the well.

[illegible]

USE ADDITIONAL SHEETS IF NECESSARY

FORWARD THE WHITE AND RED ARMY

RECEIVED

JAN 20 1994

State of Idaho
Department of Reclamation
WELL DRILLER'S REPORT

Data law requires that this report be filed with the Data Automation Branch within 30 days after completion or abandonment of the work.

RECEIVED

JUN 14 1951

[illegible]

USE ADDITIONAL SHEETS IF NECESSARY

ВЕРХНИЙ

JAN 20 1994

Affidavit of Publication

STATE OF IDAHO
County of Latah

ss.

Theresa Myers

being first duly sworn, on oath,
deposes and says:

That he is the printer of The IDAHONIAN, a newspaper of general circulation, printed and published daily except Sunday at Moscow, Latah County, Idaho, in compliance with Sections 60-106, 60-107, and 60-108 of the Idaho Code and the amendments thereto; that the notice of which the annexed is a full, true and correct printed copy was published in the regular and entire issues of said newspaper and not in a supplement thereto, upon the following dates:

Sept. 21, 28,
1989

the same being the dates designated for the publication of said notice.

Theresa Myers
Subscribed and sworn to before

me this 28 day of Sept

1989

Chris Anderson
Notary Public,
residing at Moscow, Idaho
My commission expires: 10-16-93

NOTICE OF APPLICATION FOR WATER RIGHT

The Following application(s) have been filed to appropriate the public waters of the State of Idaho:

86-07275

North Tomer Butte Water and
Sewer District

P.O. BOX 9387

MOSCOW, ID 83843

Source: GROUNDWATER

Diversion Pt: SWSW Sec 13 T 39N
R 05W

SESW Sec 13 T 39N R 05W

SWSE Sec 13 T 39N R 05W

SESE Sec 13 T 39N R 05W

Use: IRRIGATION (.080 CFS)

DOMESTIC (.200 CFS)

Date Filed: 8/25/1989

In: T39N R05W S13 SESW SWSE
SESE

3.6 ACRES TOTAL

For additional information concerning the property location, call the Northern Regional Office at 765-4639.

The permit(s) will be subject to all prior water rights. Protests must be filed with the Director, Dept. of Water Resources, Northern Region, 1910 Northwest Blvd., Suite 210, Coeur d'Alene, Idaho 83814 on or before SEPTEMBER 25, 1989.

R. KEITH HIGGINSON, Director
Sept. 21, 28, 1989

OK
10/3/89

RECEIVED

OCT 02 1989

NORTHERN REGION
IDWR

MICROFILMED

MAR 19 1990

USE TYPEWRITER OR
BALL POINT PEN

State of Idaho
Department of Water Administration

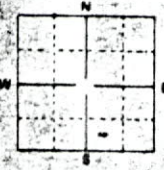
RECEIVED

WELL DRILLER'S REPORT

JUL 3 1972

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

Department of Water Administration

1. WELL OWNER Name <u>Charles Crow</u> Address <u>277 Main Road Rte 2</u> <u>Moscow Idaho</u> Owner's Permit No. _____		7. WATER LEVEL Static water level <u>30"</u> feet below land surface Flowing? ☐ Yes ☐ No G.P.M. flow _____ Temperature _____ ° F. Quality <u>good</u> Artesian closed-in pressure _____ p.s.i. Controlled by ☐ Valve ☐ Cap ☐ Plug																																																																	
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RECORDED
MAR 19 1972

USE TYPEWRITER OR
BALL POINT PEN

State of Idaho
Department of Reclamation

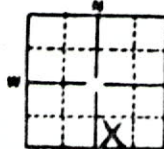
WELL DRILLER'S REPORT

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

RECEIVED

JUN 14 1972

Department of Water Administration

1. WELL OWNER Name <u>C. L. EASTMAN</u> Address <u>MOSCOW, IDAHO</u> Owner's Permit No. _____		7. WATER LEVEL Static water level <u>45</u> feet below land surface Flowing? ☐ Yes ☒ No G.P.M. flow _____ Temperature _____ ° F. Quality _____ Artesian closed-in pressure _____ p.s.i. Controlled by ☐ Valve ☐ Cap ☐ Plug																																																					
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement ☐ Abandoned (describe method of abandoning) <u>THIS WELL IS NOT COMPLETE. 3" L. 3" BORE AND 1" DIA. IN 3" DIA. 147" L. WAS DRILLED</u>		8. WELL TEST DATA ☐ Pump ☐ Bailor ☐ Other Discharge G.P.M. <u>50 G.P.M.</u> Draw Down <u>AIR TEST</u> Water Pumped _____																																																					
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USE ADDITIONAL SHEETS IF NECESSARY

REPRODUCTION

MAR 19 1990

C WATER LEVEL = 25'

WOODLAND HILLS

WELL No. 1

TESTED FEB. 3, 1984

by: UHLENKOTT UNDERGROUND; FENN, IDAHO

WELL DEPLETION

WELL RECOVERY

MICROFILMED

MAR 19 1990

WELL DATA

DRILLED 1972, OLSON,
T/E H.P. BERKELEY, PUL
C: W.A. BOYLE
WELL DRILLED 410'
AIR LINE DEPTH 520.2

3282'

119'

EASTMAN ACRES

WELL No. 2

TESTED FEB. 9, 1984

by: UHLENKOTT UNDERGROUND, FENN, IDAHO

RECHARGE WATER LEVEL = 7'

WELL RECOVERY

19.8

22.4
gpm

15.47
gpm

17
gpm

11.22
gpm

WELL DEPLETION

MICROFILMED

MAR 19 1990

WELL DATA

DRILLED 1969, ADCOCK WELLS, LEWISTON
5 H.P. BERKELEY PUMP
8" BORE 8" CASING 1" FIT
6" CASING 1" 59"
5" CASING 49-125'
WELL DRILLED 133'
AIR LINE DEPTH 264.2'

EASTMAN ACRES
WELL No. 1

TESTED FEB. 8, 1984
by: UHLENKOTT UNDERGROUND, FENN, IDAHO

RECHARGE WATER
LEVEL = 45'

WELL DEPLETION

WELL RECOVERY

190.55'



MICROFILMED

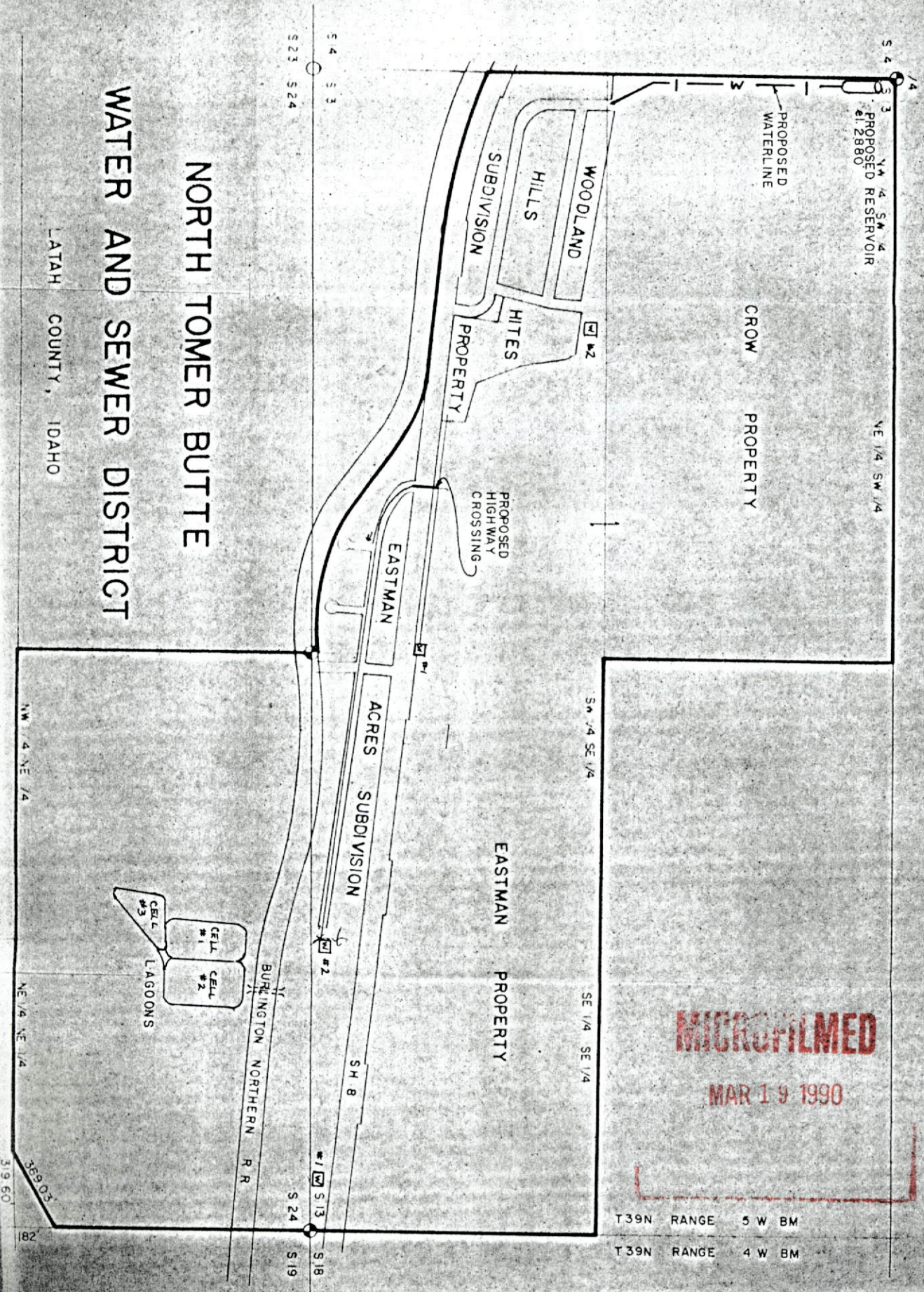
MAR 14 1990

WELL DATA

DRILLED 1912, ADDOCK WELLS, TONKIN ID
10 HP BENKELEY PUMP
6" BORE, 8" CASING 1'-52'
6" BORE, 30' - 495'
WELL DRILLED 495'
AIR LINE DEPTH 426.15'

NORTH TOMER BUTTE
WATER AND SEWER DISTRICT

LATAH COUNTY, IDAHO



MICROFILMED

MAR 19 1990

T 39 N RANGE 5 W BM

T 39 N RANGE 4 W BM

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 86-07275

Priority: August 25, 1989

Maximum Diversion Rate: 0.20 CFS
Maximum Diversion Volume: 36.0 AF

This is to certify, that NORTH TOMER BUTTE WATER & SEWER DIST
PO BOX 9387
MOSCOW ID 83843

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated August 25, 1989; and has submitted Proof of Beneficial Use on December 13, 1990. An examination indicates that the works have a diversion capacity of .320 cfs of water from a GROUNDWATER source, and a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	03/15 to 11/15	0.08 CFS	10.8 AF
DOMESTIC	01/01 to 12/31	0.20 CFS	25.2 AF
	Totals	0.20 CFS	36.0 AF

LOCATION OF POINT(S) OF DIVERSION:

SWSW , Sec. 13, Township 39N, Range 05W
SESW , Sec. 13, Township 39N, Range 05W
SWSE , Sec. 13, Township 39N, Range 05W
SESE , Sec. 13, Township 39N, Range 05W
LATAH County

PLACE OF USE: IRRIGATION

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
39N	05W	13	SESW 2	SWSE 1.6		3.6

Total number of acres irrigated: 3.6

PLACE OF USE:

DOMESTIC, same as IRRIGATION use

CONDITIONS/REMARKS:

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount which can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
5. This right when combined with all other rights shall provide no more than .03 cfs per acre nor more than 3.0 afa per acre for the lands above.

30420 1994

State of Idaho
Department of Water Resources

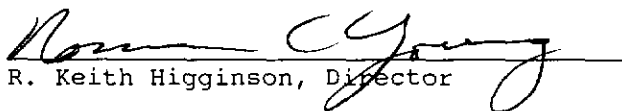
WATER RIGHT LICENSE

WATER RIGHT NO. 86-07275

CONDITIONS/REMARKS:

6. The issuance of this right in no way grants any right-of-way or easement across the land of another.
7. The total combined rate of diversion under this right and Right 86-07224 shall not exceed 0.32 cfs.
8. Domestic use is for 42 homes.

This license is issued pursuant to the provisions of Section 42-219, Idaho Code. Witness the seal and signature of the Director, affixed at Boise, this 23RD day of DECEMBER, 1993.

Acting for  R. Keith Higginson, Director

RECEIVED
DEC 13 1990

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

For Office Use Only
Amt. of Fee \$ 50.00
Date 12/13/90
Receipt No. 209129
Received by J. Harrison

Department of Water Resources

PROOF OF BENEFICIAL USE

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

1. Permit No. 86-07275 Telephone No. 208-882-0412

2. Name(s) of Permit Holder(s): North Toner Butte Water & Sewer District

3. Post Office Address: P.O. Box 9387, Moscow, ID 83843

4. Source of Water: Ground

a. If ground water, well driller's name: See below Date drilled: _____

b. Pump horsepower: _____ Pressure (psi): _____ Dynamic pumping level (ft.): _____

5. Extent of Use:

Domestic 80 (No. of households) Irrigation 3.6 (No. of acres)

Stockwater _____ (No. and type of stock) Other _____

6. Total rate and/or volume for which proof is submitted .20 cfs N/A acre/feet

7. Refer to the approval conditions on your permit and respond accordingly:

Measuring device: Required? Yes X No Installed? X Yes Yes No

OR

Flow Measurement Port: Required? Yes No Installed? Yes No

8. Fee Enclosed: \$ 50.00 (See License Examination Fee Schedule)

9. Person to contact to accompany the Department representative during the field examination:

Lyle Brouse 208-882-1917

Name Telephone No.

104 Juliene Way, Moscow, ID 83843

Address

10. The above information is my true statement of the extent to which the above numbered permit has been developed and I relinquish any undeveloped portion of the permit to the state of Idaho.

12-10-90
Date

San Caldwell, Secretary
Signature (and title if on behalf of a company or organization)

NOT FILMED
FEB 07 1991

(See other side)

Well	Driller	YR.	H.P.	PSI	DYNAMIC LEVEL
W/H #1.	Phil Olson	1972	5	60	330
W/H #2	Uhlenkott	1986	15	80	54'
E/A #1	Adcock	1972	10	80	236'
E/A #2	Adcock	1969	3	60	209'

UNRECORDED

FEB 07 1991

State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 86-07275

Proposed Priority: August 25, 1989

Maximum Diversion Rate:

0.20 CFS

This is to certify, that **NORTH TOMER BUTTE WATER & SEWER DISTRICT**
P.O. BOX 9387
MOSCOW, ID 83843

has applied for a permit to appropriate water from: **GROUNDWATER**
and a permit is **APPROVED** for development of water as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>
IRRIGATION	03/15 to 11/15	0.08 CFS
DOMESTIC	01/01 to 12/31	0.20 CFS
	Totals	0.20 CFS

LOCATION OF POINT(S) OF DIVERSION:

SESW	Sec. 13, Township 39N, Range 05W
SESE	Sec. 13, Township 39N, Range 05W
SWSE	Sec. 13, Township 39N, Range 05W
SWSW	Sec. 13, Township 39N, Range 05W

LATAH County

PLACE OF USE: IRRIGATION

<u>TWN RGE SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
39N 05W 13	SESW 2	SWSE 1	SESE 0.6	3.6
Total number of acres irrigated:				3.6

PLACE OF USE: DOMESTIC, same as IRRIGATION use

CONDITIONS/REMARKS:

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before **January 1, 1991**.
2. Subject to all prior water rights.
3. Permit holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.
4. The issuance of this permit in no way grants any right-of-way or easement across the land of another.
5. The rate of diversion of water for irrigation under this permit and all other water rights on the same land shall not exceed 0.03 cubic feet per second for each acre of land.
6. Domestic use is for 80 homes.

MICROFILMED

MAR 19 1990

State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 86-07275

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

7th day of December, 1989.

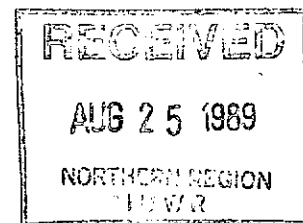
for
R. Keith Higginson
R. Keith Higginson, Director

MICROFILMED

MAR 19 1990

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

Ident. No. 86-0275



To appropriate the public waters of the State of Idaho

1. Name of applicant NTBWS Phone (208) 882-1917

Post office address P.O. Box 9387, Moscow, ID 83843

2. Source of water supply ground water which is a tributary of N/A

3. Location of point of diversion is SE ² 1/4 of SW ² 1/4 of Govt. Lot

See 13/24 Township 39N Range 5W B.M. Latah County; additional

points of diversion if any: See well log description

4. Water will be used for the following purposes:

Amount .2 cfs for domestic purposes from Jan. 1 to Dec. 31 (both dates inclusive)
(cfs or acre-feet per annum)

Amount .08 for irrigation purposes from Mar. 15 to Nov. 15 (both dates inclusive)
(cfs or acre-feet per annum)

Amount for purposes from to (both dates inclusive)
(cfs or acre-feet per annum)

Amount for purposes from to (both dates inclusive)
(cfs or acre-feet per annum)

5. Total quantity to be appropriated is (a) .2 cfs and/or (b)
cubic feet per second acre feet per annum

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. four wells with pumps, two storage tanks and pipeline used to distribute water to residential areas.

b. Height of storage dam N/A feet; active reservoir capacity N/A acre-feet; total reservoir capacity N/A acre-feet; period of year when water will be diverted to storage: to inclusive.

c. Proposed well diameter is see well logs inches; proposed depth of well is feet.

d. Is ground water with a temperature of greater than 90°F being sought? No

7. Time required for the completion of the works and application of the water to the proposed beneficial use is one years (minimum 1 year). MAR 19 1990

8. Description of proposed uses (if irrigation only, go to item 9):

- a. Hydropower; show total feet of head and proposed capacity in KW. N/A
- b. Stockwatering; list number and kind of livestock. N/A
- c. Municipal; show name of municipality. N/A
- d. Domestic; show number of households. 80 (approx. 3.6 acres lawns)
- e. Other; describe fully. _____

9. Description of place of use:

- a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
- b. If water is used for other purposes, place a symbol of the use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

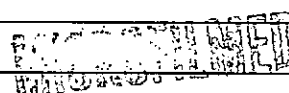
TWP	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
39N	5W	13												^{2.0} D-I					2.0
39N	5W	~~21~~ 13															¹ D-I	¹⁶ D-I	1.6

2000 sq ft/household x 80 = 160,000 ÷ 43,560 = Total number of acres to be irrigated 3.6

10. Describe any other water rights used for the same purposes as described above. N/A

11. a. Who owns the property at the point of diversion? NTBWS
- b. Who owns the land to be irrigated or place of use? Individual residents
- c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing. District controls all uses for domestic purposes.

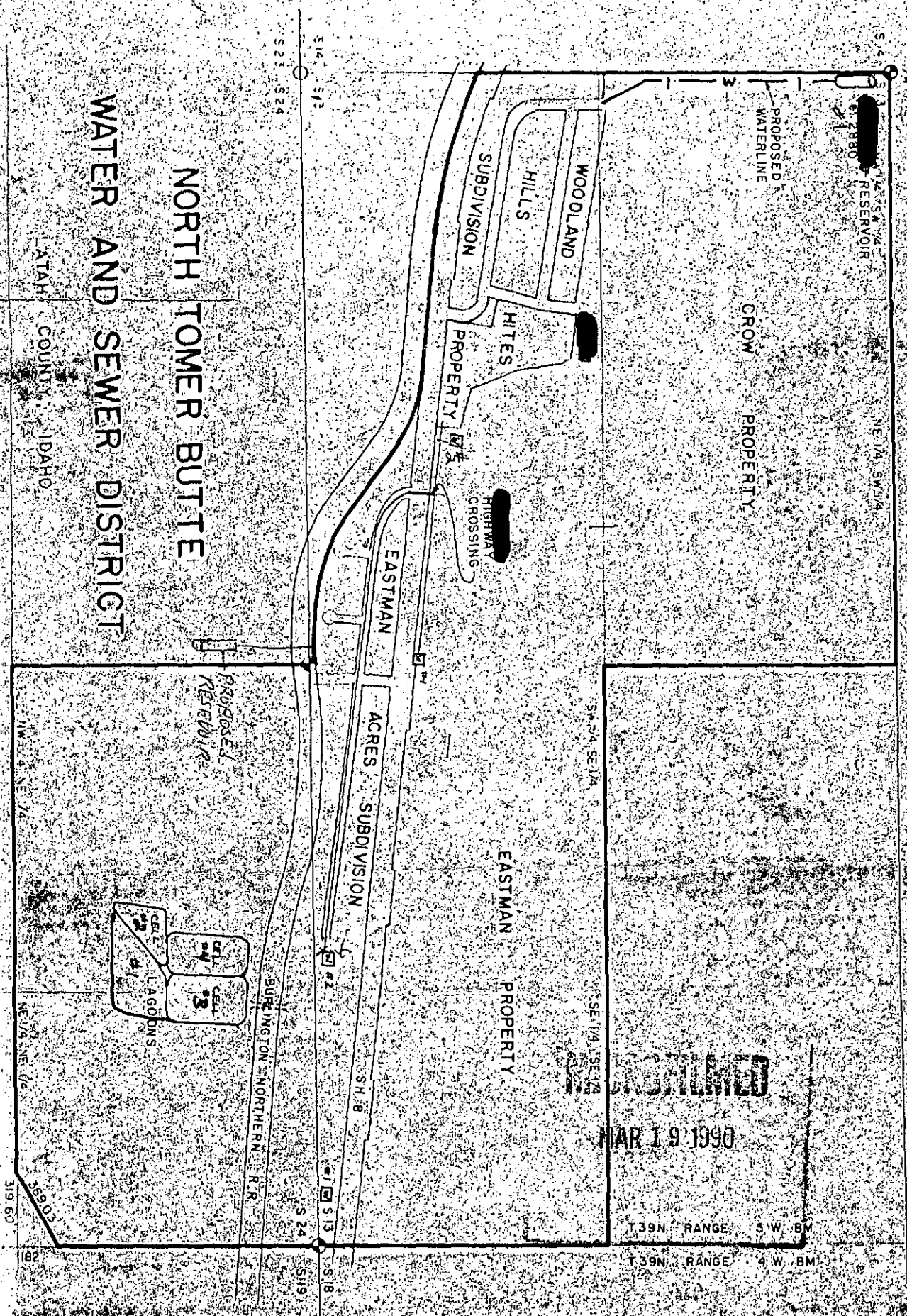
12. Remarks: Individual residents pay monthly fees for water use.



MAR 19 1990

NORTH TOMER BUTTE
WATER AND SEWER DISTRICT

IDAHO COUNTY IDAHO



[illegible]

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.

NTBWSS. Dan Caldwell Sec
(Applicant)

PROPOSED PRIORITY 8/25/89
Received by [Signature] Date 6/23/89 Time 1:00 PM Preliminary check by [Signature]
Fee \$ 30.00 Received by [Signature] # N 3110 Date 6/23/89
Publication prepared by [Signature] Date 8/30/89 Published in Idaho Water Resources
Publication approved [Signature] Date 10/3/89

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. _____, and said application is hereby _____.

1. Approval of said application is subject to the following limitations and conditions:

- a. SUBJECT TO ALL PRIOR WATER RIGHTS.
- b. Proof of construction of works and application of water to beneficial use shall be submitted on or before _____, 19 ____.
- c. The rate of diversion, if water is to be used for irrigation under this permit, when combined with all other water rights for the same land shall not exceed 0.02 cubic feet per second for each acre of land.
- d. The water right acquired under this permit if for hydropower purposes shall be junior and subordinate to all rights to the use of water, other than hydropower, within the State of Idaho that are initiated later in time than the priority of this permit and shall not give rise to any right or claim against any future rights to the use of water, other than hydropower, within the State of Idaho initiated later in time than the priority of this permit.
- e. Other:

MICROFILMED

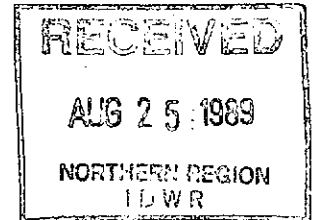
MAR 19 1990

Idaho Department of Water Resources
4055 Government Way
Coeur d'Alene, Idaho 83814

B-17-89

(Attention Tom King)

Dear Tom,



I apologize for this late response to your request for more information. It appears the letter was placed with some other correspondence, and the delay of monthly meetings has put us a bit late with your filing request. I hope this does not jeopardize our ability to file for this permit.

Item #3. Four points of diversion are the legal locations of our wells.

- A. W/H East, SE1/4 of SW1/4 of SEC. 13, T39N, R5W, BM Latah.
- A. W/H West, SW1/4 of SW1/4 of SEC. 13, T39N, R5W, BM Latah.
- A. E/A East, SE1/4 of SE1/4 of SEC. 13, T39N, R5W, BM Latah.
- A. E/A West, SW1/4 of SE1/4 of SEC. 13, T39N, R5W, BM Latah.

Item #9. Water use is only for Domestic and minimal lawn irrigation. The water is used in the same approximate area as the diversion occurs.

I hope I have answered all you require this time.

Dan Caldwell
Dan Caldwell, Secretary
N.T.B.W.S.D.
P.O. Box 9387
Moscow, Idaho 83843

MICROFILMED

MAR 19 1990

Idaho Department of Water Resources
4055 Government Way
Coeur d'Alene, Idaho 83814
Attention Tom King

Dear Tom,

Enclosed is an application for a permit to use water in lieu of the Water Right Adjudication.

Some of this information has already been filed with your office. I am sending as complete a file as I can to give you the most comprehensive data possible. Please review this, and if there are any discrepancies please let me know where I can help.

I can be reached at 209 Grand Fir Dr., Moscow, Idaho 83843.
Home phone 208-882-0412, Work phone 509-335-7514.
Thanks for all your help.

Dan Caldwell

Dan Caldwell, Secretary
N.T.B.W.S.D.
P.O.Box 9387
Moscow, Id. 83843

The addresses of the Board members are listed below.

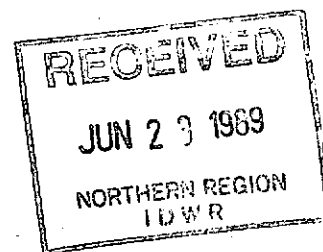
Lyle Brouse, Chair; 104 Juliene Way Moscow, Id.

Marty Davis, Treasurer; 210 Cedar Ave. Moscow, Id.

Dan Caldwell, Secretary; 209 Grand Fir moscow, Id.

Clarence Hart, member; 108 Grand Fir Moscow, Id.

Charles Krasselt, member; 114 Grand Fir Moscow, Id.



MICROFILMED

MAR 19 1990



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

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

December 23, 1993

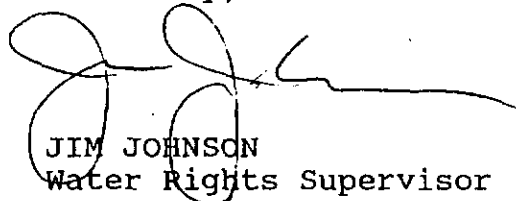
NORTH TOMER BUTTE WATER & SEWER DIST
PO BOX 9387
MOSCOW ID 83843

RE: WATER RIGHT NO. 86-07275

Dear Water Right Holder(s):

Enclosed herewith is a copy of the Water Right License issued on the above referenced permit.

Sincerely,



JIM JOHNSON
Water Rights Supervisor

JJ:dc

Enclosure

RECORDED
JAN 20 1994



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

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

December 6, 1993

NORTH TOMER BUTTE WATER & SEWER DIST
PO BOX 9387
MOSCOW ID 83843

RE: WATER RIGHT NO. 86-07275

Dear Water Right Holder(s):

Enclosed is a draft copy of the license proposed to be issued on the above referenced permit.

This permit is currently being reviewed by this office for licensing. The enclosed preliminary copy is subject to change upon further administrative review.

We ask that you review the proposed license and if you do not concur with the information, please let me know within 14 days.

Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ:dc

Enclosure

RECEIVED
JAN 20 1994

DATE: 12/02/93
PAGE: 1

Stage: LICENSE

Audit: 12/02/93 CHAPMAN

LICENSE REVIEW CHECKLIST

Permit # 86-7275 Date 12-3-93 Brenda Chapman

NAME Yes No Or Address Change?
 PRIORITY DATE Advance? Advanced to: Order to Reinstate Needed? Incorrect Fee for rate recommended?
 SOURCE Changes? Clarification of Originally Intended source Notice of Intent to Void - Source change.
 P/D Amendment Needed? Overlap(s) 86-7224
 P/U Amendment Needed? (DELETE SESE P/U) Overlap(s) 86-7224
 TOTAL CFS Measurement Done? CAPACITY OF 4 WELLS IN SYSTEM @ .32 CFS
 Theoretical CAPACITY = 1.9 CFS
 System Capacity .32
 Allowable Amount: PERMIT LIMIT = .20 CFS
 TOTAL VOLUME Season of Use: D/3.0 (3-15 to 11-15)
 Calculations: (DO NOT COMBINE)
 3.6 acres x 3 = 10.8
 42 homes @ .6 = 25.2
 Flow limit: .08 x 246 x 1.9835 = 39
 USES Change(s) in Nature of Use? Amendment Needed?
 REMARKS Multiple P/Ds in 1/4 1/4? Special Overlap 86-7224 / .32 CFS
 Other
 CONDITIONS Measuring/Locking Devices W/Master Control Water Dist
 Irrigation Overlap 6-23-89 App Rec'd
 Water Quality 5-6-91 Exam Made

COMMENTS: Combined rates exceed capacity / volumes do not;
DELETE SESE P/U

RECOMMENDED	CFS	DIV VOL
<u>Irrigation</u>	<u>.08</u>	<u>10.8</u>
<u>Domestic</u>	<u>.20</u>	<u>25.2</u>

LICENSE ☒

1ST AMEND LETTER

2ND AMEND LETTER

MEMORANDUM

TO: FILE

FM: Tom King - Sr. Water Resource Agent, Northern Region *TK*

Date: June 13, 1991

SUBJECT: 86-07224 and 86-07275

=====

The Field examinations of 86-07224 and 86-07275 were conducted concurrently, and should be reviewed and licensed in the same fashion.

RECEIVED

JAN 20 1994

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED
JUN 24 1991

Department of Water Resources

A. GENERAL INFORMATION

Permit No. 86-07224

1. Owner: NORTH TOWER BUTTE WFS DIST.

Phone No. 882-0412

Current Address: Box 9387, Moscow, ID 83843

2. Accompanied by: LYLE BROUSE

EXAM. DATE: 5/6/91

Address: 104 Julianne Way, Moscow, ID

Phone No. 882-1917

Relationship to Permit Holder: CONTACT

3. Source: GROUNDWATER tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: 86-07275

☐ Copies Attached

2. Other water rights with same point of diversion: 86-07275

☐ Copies Attached

☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

1. **Diversion System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable. ☒ Alternative diagram attached

Scale: 1" = _____

2. ☒ Copy of U.S.G.S. Quadrangle Attached
Showing location(s) of point(s) of diversion and
place(s) of use (required).

☐ Aerial Photo Attached
(required for irrigation of 10 acres or more).

☒ Photo of Diversion and System Attached
(required for all but single household domestic groundwater, and stockwater.

RECEIVED
JAN 20 1994

System Description (continued)

3. Narrative: Description (As operating at time of measurement. Indicate pressure, number of sprinklers, etc.)

WELLS #1 & #2 pump water to 17,500 gal reservoir through 6" mains. Water then feed to system via a 6" gravity line. Wells #E1 & #E2 deliver water a 20,000 gal reservoir through a 6" main. Water is then pumped to system through 6" MARCHES - line. ^{BY TWO 5 HP PRESSURE PUMPS FROM STORAGE VAULT} two systems are connected by a 2" "Massaner" pipe.

☐ See Remarks on page 4 for continuation

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
E1	SUBM	10		CENTURY	523MS215 SM
E2	"	5		"	7131574
1	"	1 1/2		BERKELEY	1288565
2	"	15		RED JACKET	2"

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

5. Point(s) of Diversion:

Ident. No.	Gov't. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
E1		SE	SE	SE	13	39N	5W	LATAH	MAP
E2		SE	SW	SE	13	"	"	"	"
1			SE	SW					
2			SW	SW					

6. Place(s) of Use:

Indicate Method of Determination MAP

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	
~~39N~~	~~5W~~																		
39N	5W	13							7	4			7	4			5		16
									0	0		*	0	0			0		

* There are no pl's in NW 1/4 1/4.

BC

JAN 20 1994

Do not use this space

Do not use this space

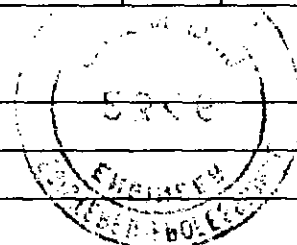
D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
METER		KENT	1700	86037225	2"	

2. Measurements:



E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

1. Measured Method:

2. Alternate Method for Checking Purposes:

F. PUMP EFFICIENCY DATA (Optional)

Discharge Pressure: _____ psi x 2.31 = _____ ft (1); Dynamic pumping level: _____ ft (2)

Total Head: (1) + (2) = _____ (3); Flow rate: _____ cfs (4)

Water HP: (3) x (4) ÷ 8.8 = _____ (5)

Meter Input KW: 3.6 x _____ KH x _____ CTR or _____ MULT x _____ PTR x _____ N/ _____ T = _____ (6)

Meter Input HP: (6) x 1.34 = _____ (7)

Panel Input KW: _____ Ave PF x _____ Ave Volts x _____ Ave Amps x .001732 = _____ (6)

Panel Input HP: (6) x 1.34 = _____ (7) Efficiency: (5)/(7) x 100 = _____ %

G. VOLUME CALCULATIONS

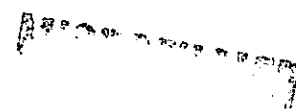
1. Volume Calculations for Irrigation:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \frac{2516}{.2} \times \frac{3}{245} = 45 \quad 48.0 \text{ TOK}$

$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 97$

$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 45 \quad 48.0 \text{ TOK}$

2. Volume Calculations for Other Uses:



JAN 20 1994

H. REMARKS AND OVERLAY REVIEW ANALYSIS

- Not to exceed 0.32 cfs w/comb/w 86-7275
 - " " " 0.02 cfs " ANY OTHER RIGHT
 - " " " 77 Homes " 86-07275 TDK
 - " " " 16 ACRES " "

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
IRRIGATION	3-15	11-15	0.20	76.2-48.0
Domestic (77)	1-1	12-31	0.20	46.2
Totals:			0.20	94.2

2. Recommended Amendments

☐ Change P.D. as reflected above

☒ Add P.D. as reflected above

☐ None

☒ Change P.U. as reflected above

☒ Add P.U. as reflected above

☒ Other *None*

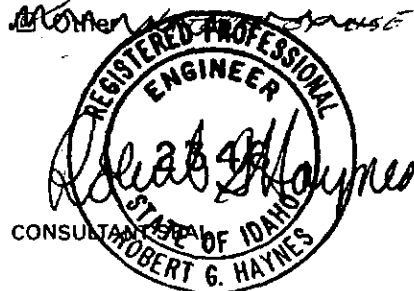
J. AUTHENTICATION

Field Examiner's Name Tom DeKins

Signature Tom DeKins

Certification Date 4/10/91

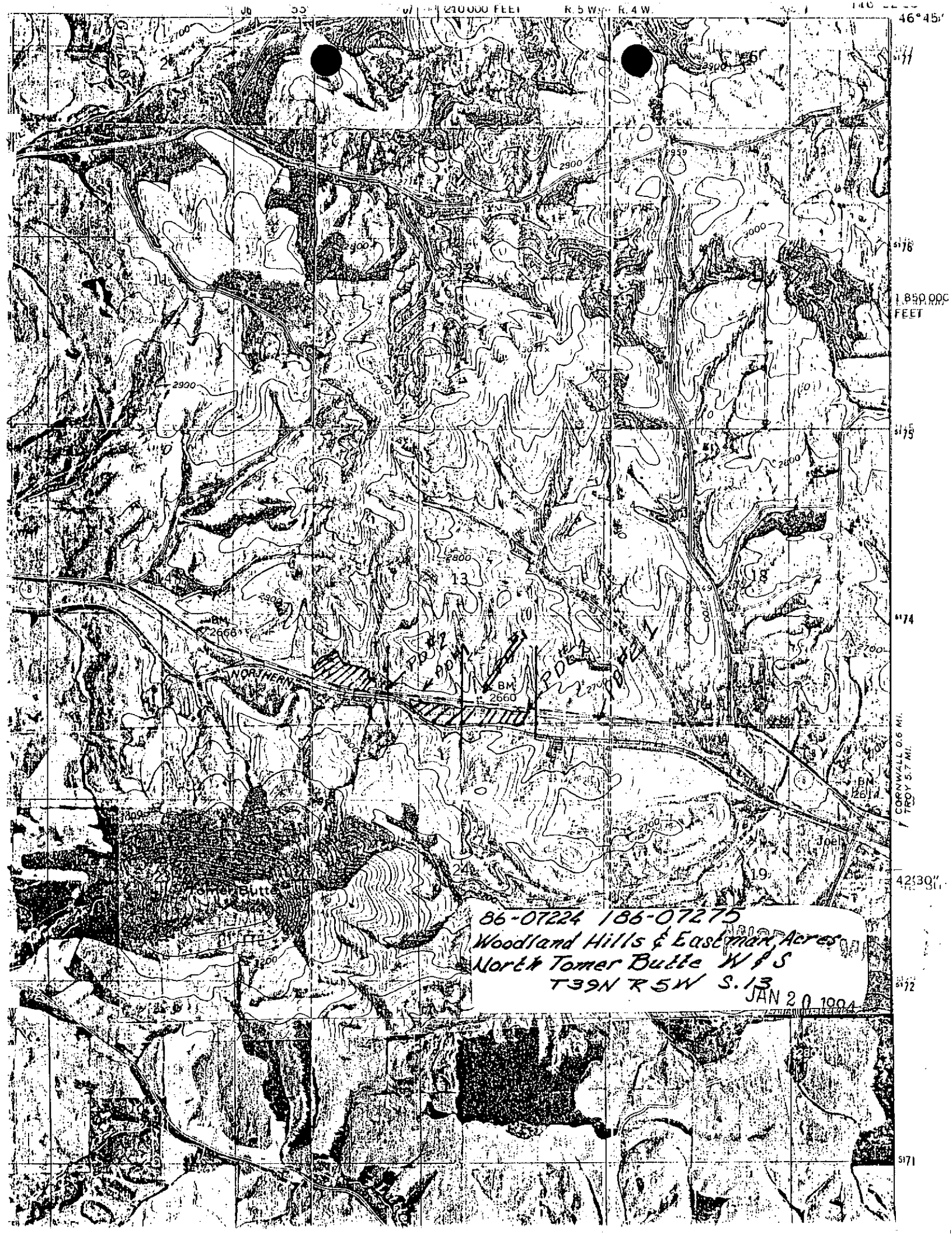
Field Report Preparation Date 6-13-91



K. Licensing recommendation shall be prepared by an Idaho Department of Water Resources employee on a computer printout attached hereto.

RECEIVED

JAN 20 1994



86-07224 / 86-07275
Woodland Hills & Eastman Acres
North Tomer Butte W & S
T39N R5W S.13
JAN 20 1994

46°45'
517
5176
1850.000
FEET
5175
5174
CORNWALL 0.6 MI.
TROY 5.7 MI.
42°30'
5172
5171

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
FIELD REPORT SUPPLEMENT

PERMIT # 86-07224
86-07275

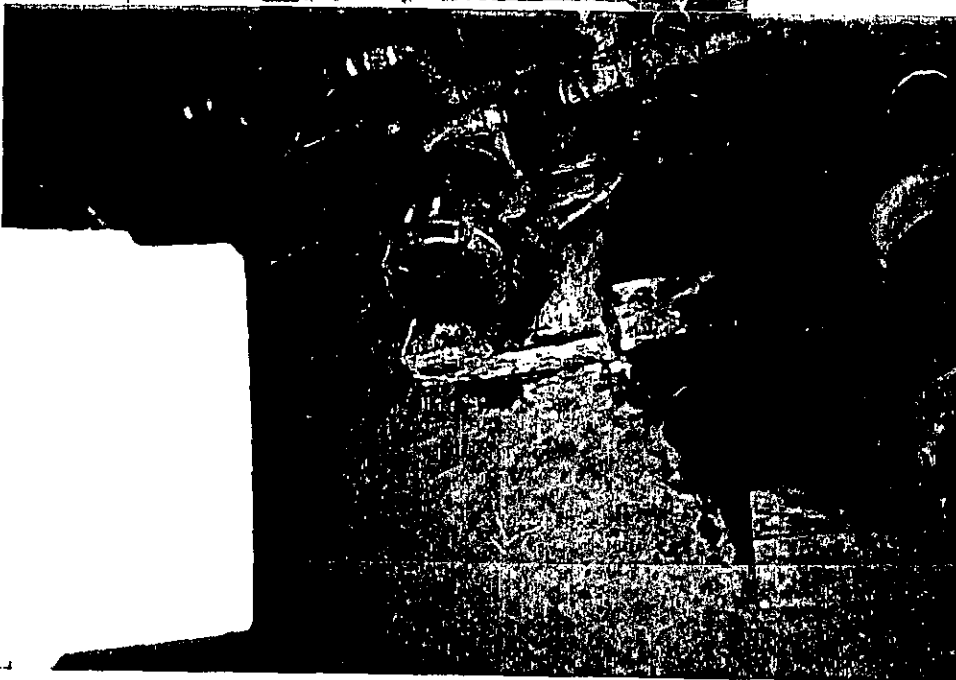
PHOTOGRAPHS



Well #E.L.
AS SEEN FROM
TOP OF CASE UP



Well #E.L.



THREE TWO WELL
DELIVER WATER TO THIS
STORAGE RESERVOIR
SHOWING TWO
5 HP PUMPS DELIVER
WATER TO 6" PRESSURE
MAINLINE

86-07224

JAN 20 1994

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
FIELD REPORT SUPPLEMENT

PERMIT # 86-07224
86-07275

P H O T O G R A P H S

Well #1: 10" x 10' w/swl @ 30"
; 7.5 HP ≈

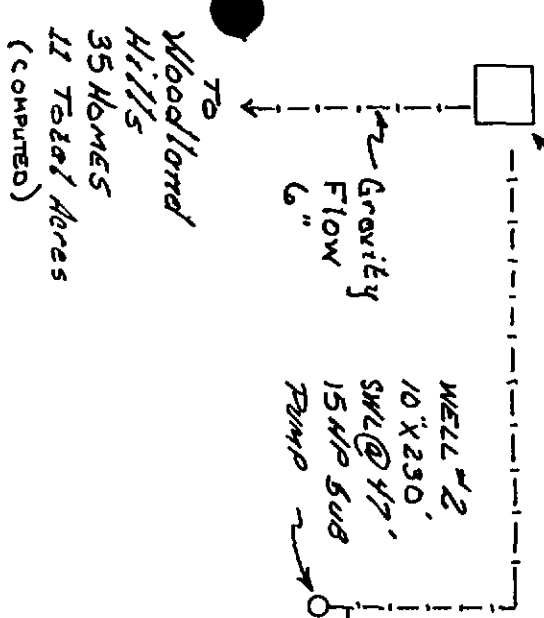
Well #2: 10" x 230' w/swl
@ 47'; 15 HP pump

THESE TWO WELLS DELIVER WATER TO
THIS 12,500 gal RES. THEN
GRAVITY FLOW

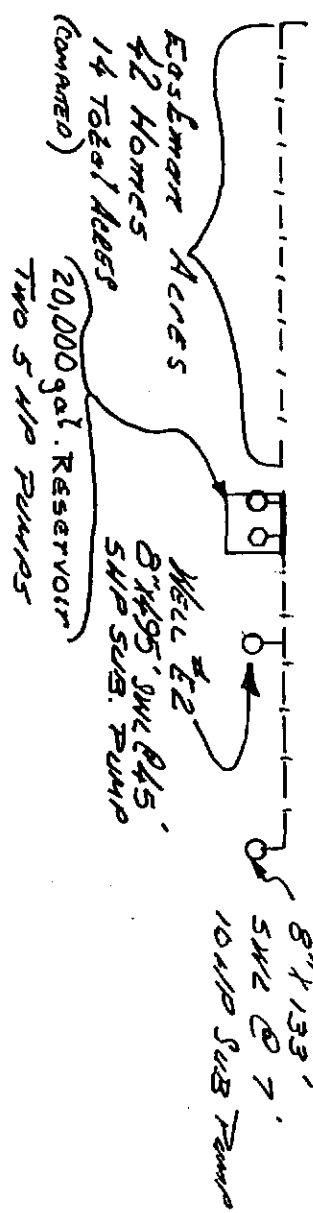
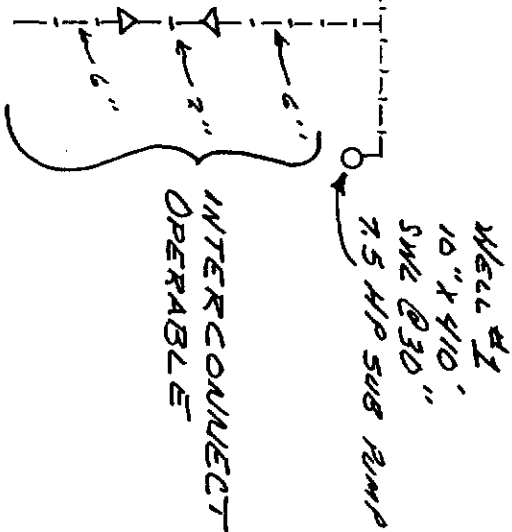
JAN 20 1994

8-7224 & 86-7215

17,500 gal
Reservoir



Acreage Computed using
USDA-SCS Acreage Computer
(~~Estimate of data~~)



Eastman Acres
42 Homes
14 Total Acres
(COMPUTED)
20,000 gal. Reservoir
TWO 5 HP PUMPS

JAN 20 1994

86-7224

NATURE OF USE ASSIGNMENT REVIEW IRRIGATION TO DOMESTIC

PERMITTED

DOMESTIC (35)	$Q = 0.20 \text{ cfs}$	$V = 21 \text{ AF}$	$CU = 0$
IRRIGATION (30)	$Q = 0.20 \text{ cfs}$	$V = 90 \text{ AF}$	$CU = *$
TOTAL	$Q = 0.20 \text{ cfs}$	$V = 111 \text{ AF}$	$CU = *$

* CU PARAMETER NOT CONSIDERED SINCE DOMESTIC IS NON CONSUMPTIVE USE.

ACTUAL USE

DOMESTIC (77)	$Q = 0.20 \text{ cfs}$	$V = 46.2 \text{ AF}$
IRRIGATION (16)	$Q = 0.20 \text{ cfs}$	$V = 48.0 \text{ AF}$
TOTAL	$Q = 0.32 \text{ cfs}$	$V = 94.2 \text{ AF}$

EXPANSION IN cfs, HOWEVER 86-7275
FILED FOR ADDITIONAL HOMES & WATER.

APPROVED

JAN 20 1994

CALCULATED FLOW RATES

$$E. 1 = \frac{8.8 (10) 70\%}{2.3 (20) + 45} = .68$$

TEST PUMPED @
19 gpm BY UHLENBOTT
2-8-84

$$E. 2 = \frac{8.8 (5) 70\%}{2.3 (20) + 45} = .22$$

TEST PUMPED @
22 gpm BY UHLENBOTT
2-9-84

$$T. 1 = \frac{8.8 (1.5) 50\%}{2.3 (20) + 15} = .54$$

TEST PUMPED @
15 gpm BY UHLENBOTT
2-5-84

$$T. 2 = \frac{8.8 (15) 70\%}{2.3 (20) + 25} = 1.9$$

MEASURED @
40 gpm 5-6-91

Efficiency of system appears to be poor

$$19 \text{ gpm} + 22 \text{ gpm} + 15 \text{ gpm} + 40 \text{ gpm} = \frac{146}{448} = .32 \text{ cfs}$$

APPROVED

JAN 20 1994

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
FIELD REPORT SUPPLEMENT

PERMIT # 86-07224
86-07275

ACREAGE COMPUTATIONS

Formula for maps with a scale of inches/mile

(16) (Number of dots)

$$\frac{\text{-----}}{(\text{Scale in inches/mile})(\text{Scale in inches/mile})} = \text{Area}$$

Formula for maps with a fractional scale of inches/mile

(16) (number of dots)

$$\frac{\text{-----}}{(63360/\text{scale fraction denominator})(63360/\text{scale fraction denominator})} = \text{Area}$$

WOODLAND HILLS

$\frac{(16)(5)}{(63360/24000)} = 11 \text{ ACRES}$	}	+ 11 ACRES
$(35 \text{ HOMES}) (2000 \text{ FT}^2/\text{HM})$		
$43560 \text{ FT}^2/\text{ACRE}$	}	- 3.8 ACRES
$(60' \text{ ROADWAY}) \left[\frac{(640)(2) + (2)(200)}{43560} \right] = 2.2 \text{ ACRES}$		
$43560 \text{ FT}^2/\text{ACRE}$		7.2 ACRES

EAST MAN ACRES

$\frac{(16)(6)}{(63360/24000)} = 14 \text{ ACRES}$	}	+ 14 ACRES
$(48 \text{ HOMES}) (2000 \text{ FT}^2/\text{HOME})$		
$43560 \text{ FT}^2/\text{ACRE}$	}	- 5.5 ACRES
$(60' \text{ ROADWAY}) (400 \text{ FT RD} + 2000 \text{ FT RD})$		
$43560 \text{ FT}^2/\text{ACRE}$		8.5 ACRES

JAN 20 1994

State of Idaho
Department Of Water Resources
WELL INSPECTION FORM

If well is associated with water right, provide WR Permit No. 86-07224
86-07275
Otherwise provide legal description and a sketch map and/or address so that the well can be located easily.

1. Legal Description of Well Location:

Twp. 39N N, Rge. 5W Sec. 13, .5W $\frac{1}{4}$ 5W $\frac{1}{4}$ Gov. Lot _____

2. Owner: _____

Address: _____

City _____, State _____

3. Casing $\geq$ 12 inches above ground: Yes ☒ No ☐

4. Access Port:	Y ☐ N ☒	Static Water Level:	<u>47</u>
Pressure Gauge:	Y ☐ N ☒	Casing Diameter:	<u>10</u>
Flowing:	Y ☐ N ☒	Temperature:	<u>✓</u>

5. Are there any obvious construction problems that may be a source for contamination or waste of water: Y ☐ N ☐

If answer to Item 5 is Yes, describe in remarks and attach photo.

Remarks: TOWER BUTTE #2 IS LOCATED NEAR $\frac{1}{16}$ LINE
BETWEEN THE SW $\frac{1}{4}$ SW & SE $\frac{1}{4}$ SW, AND MAY LIE WITHIN
THE SE $\frac{1}{4}$ SW - DRILLED BY UHLENKOTT DRILLING

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JAN 20 1994

Handwritten: 2

UILENKOTT WELL DRILLING AND SUPPLIES

Well Log
Depth and Strata

PUMP SALES AND SERVICE

FENN, IDAHO 83531

Phone 962-3923

WELL NO. _____

OWNER OF WELL Tomer, Butte

LOCATION OF WELL 2 Miles East Of Hoscow *Sec 13, T 34N, R 5W, Qm, Latah*

NEAREST POST OFFICE Hoscow

STATE Idaho COUNTY Latah

DRILLING BEGUN Aug. 26, 1986 WELL FINISHED Sept 8, 1986

Well Record

CASING SIZE 10 Inch CASING DEPTH 47 ft.

HOLE SIZE 10 Inch HOLE DEPTH 230 ft.

CAPACITY OF WELL 500 GPM(Plus)

PUMP SETTINGS _____

CASING PERFORATIONS _____

- 0 - 4 Dirt
- 4 - 175 Decomposed Granite
- 175 - 208 Harder Granite with some Quartz
- 208 - 218 Softer decomposed Granite
- 218 - 230 Softer broken Granite

Invoice

DATE _____

Item	Unit Price	Amount
Mob & Demob		\$875.00
10 Inch Drilling	@ \$6.75	330.75
49 ft. 10 Inch Casing	16.00	784.00
6 Inch Pilot Hole 230 ft.	13.50	3,105.00
215 Ft. 8 Inch Casing	7.25	1,558.75
47 Ft. Drilling 15 inch Hole	30.00	1,410.00

TOTAL AMOUNT DUE \$,8,063.50

MEMO:

Handwritten: RECEIVED

Handwritten: 8-10-1986

State of Idaho
Department Of Water Resources
WELL INSPECTION FORM

If well is associated with water right, provide WR Permit No. 86-07224

Otherwise provide legal description and a sketch map and/or address so that the well can be located easily.

1. Legal Description of Well Location:

Twp. _____ N, Rge. _____ Sec. _____, _____ 1/4 _____ 1/4 Gov. Lot _____

2. Owner: _____

Address: _____

City _____, State _____

3. Casing $\geq$ 12 inches above ground: Yes ☒ No ☐

4. Access Port: Y ☒ N ☒
Pressure Gauge: Y ☐ N ☒
Flowing: Y ☐ N ☒

Static Water Level: 30"
Casing Diameter: 10"
Temperature: 30"

5. Are there any obvious construction problems that may be a source for contamination or waste of water: Y ☐ N ☐

If answer to Item 5 is Yes, describe in remarks and attach photo.

Remarks: TOWER BUILT #1 (DRILLED BY K. P. OLSEN)

FOR CLAUDE CROW (SP?)

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JAN 20 1994

USE TYPEWRITER OR
BALL POINT PEN

State of Idaho
Department of Water Administration
WELL DRILLER'S REPORT

RECEIVED

1972

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

1. WELL OWNER

Name Charles Crow
Address 277 Hains Road Rte. 1
Mason Lake
Owner's Permit No. _____

2. WATER LEVEL

Static water level 30" feet below land surface
Flowing? ☐ Yes ☒ No GPM flow _____
Temperature _____ °F. Quality good
Artesian closed at pressure _____ PSI
Conductivity by ☐ Vane ☐ Cell ☐ Pipe

3. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe method of abandonment)

4. WELL TEST DATA

☐ Pump ☒ Draw ☐ Other
Flow rate _____ GPM
Drawdown _____ ft
Recovery _____ %

5. PROPOSED USE

☐ Domestic ☒ Irrigation ☐ Industrial ☐ Stock

6. LITHOLOGIC LOG

Depth (feet)	Description
0 - 10	Yellow clay soil
10 - 15	Dark gray silty sand
15 - 20	Dark gray silty sand
20 - 25	Dark gray silty sand
25 - 30	Dark gray silty sand
30 - 35	Dark gray silty sand
35 - 40	Dark gray silty sand
40 - 45	Dark gray silty sand
45 - 50	Dark gray silty sand
50 - 55	Dark gray silty sand
55 - 60	Dark gray silty sand
60 - 65	Dark gray silty sand
65 - 70	Dark gray silty sand
70 - 75	Dark gray silty sand
75 - 80	Dark gray silty sand
80 - 85	Dark gray silty sand
85 - 90	Dark gray silty sand
90 - 95	Dark gray silty sand
95 - 100	Dark gray silty sand

6. METHOD DRILLED

☒ Cable ☐ Rotary ☐ Aug ☐ Other

7. WELL CONSTRUCTION

10-8-7-4-2
Diameter of hole 10 inches Total depth 110 feet
Casing schedule ☐ Steel ☐ Concrete
Casing material 10 inches 10 feet
Casing material 8 inches 10 feet
Casing material 6 inches 10 feet
Casing material 4 inches 10 feet
Casing material 3 inches 10 feet
Casing material 2 inches 10 feet
Casing material 1 inch 10 feet
Casing material 1/2 inch 10 feet
Casing material 1/4 inch 10 feet
Casing material 1/8 inch 10 feet
Casing material 1/16 inch 10 feet
Casing material 1/32 inch 10 feet
Casing material 1/64 inch 10 feet
Casing material 1/128 inch 10 feet
Casing material 1/256 inch 10 feet
Casing material 1/512 inch 10 feet
Casing material 1/1024 inch 10 feet
Casing material 1/2048 inch 10 feet
Casing material 1/4096 inch 10 feet
Casing material 1/8192 inch 10 feet
Casing material 1/16384 inch 10 feet
Casing material 1/32768 inch 10 feet
Casing material 1/65536 inch 10 feet
Casing material 1/131072 inch 10 feet
Casing material 1/262144 inch 10 feet
Casing material 1/524288 inch 10 feet
Casing material 1/1048576 inch 10 feet
Casing material 1/2097152 inch 10 feet
Casing material 1/4194304 inch 10 feet
Casing material 1/8388608 inch 10 feet
Casing material 1/16777216 inch 10 feet
Casing material 1/33554432 inch 10 feet
Casing material 1/67108864 inch 10 feet
Casing material 1/134217728 inch 10 feet
Casing material 1/268435456 inch 10 feet
Casing material 1/536870912 inch 10 feet
Casing material 1/1073741824 inch 10 feet
Casing material 1/2147483648 inch 10 feet
Casing material 1/4294967296 inch 10 feet
Casing material 1/8589934592 inch 10 feet
Casing material 1/17179869184 inch 10 feet
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Casing material 1/29931553532536891764811465374029462497030875136 inch 10 feet
Casing material 1/59863107065073783529622930748058924994061750272 inch 10 feet
Casing material 1/119726214130147567059245861496117849988123500544 inch 10 feet
Casing material 1/239452428260295134118491722992235699976247001088 inch 10 feet
Casing material 1/478904856520590268236983445984471399952494002176 inch 10 feet
Casing material 1/957809713041180536473966891968942799904988004352 inch 10 feet
Casing material 1/1915619426082361072947933783937885599809976008704 inch 10 feet
Casing material 1/3831238852164722145895867567875771199619952017408 inch 10 feet
Casing material 1/7662477704329444291791735135751542399239904034816 inch 10 feet
Casing material 1/15324955408658888583583470271503084798479808069632 inch 10 feet
Casing material 1/30649910817317777167166940543006169596959616139264 inch 10 feet
Casing material 1/61299821634635554334333881086012339193919232278528 inch 10 feet
Casing material 1/122599643269271108668667762172024678387838464557056 inch 10 feet
Casing material 1/245199286538542217337335524344049356775676929114112 inch 10 feet
Casing material 1/490398573077084434674671048688098713551353858228224 inch 10 feet
Casing material 1/980797146154168869349342097376197427102707716456448 inch 10 feet
Casing material 1/1961594292288337738698684194752394854205415432912896 inch 10 feet
Casing material 1/3923188584576675477397368389504789708410830858257792 inch 10 feet
Casing material 1/7846377169153350954794736779009579416821661716515584 inch 10 feet
Casing material 1/15692754338306701909589473558019158833643323433031168 inch 10 feet
Casing material 1/31385508676613403819178947116038317667286646866062336 inch 10 feet
Casing material 1/62771017353226807638357894232076635334573293732124672 inch 10 feet
Casing material 1/125542034706453615276715788464153270669146587464249344 inch 10 feet
Casing material 1/251084069412907230553431576928306541338293174928498688 inch 10 feet
Casing material 1/502168138825814461106863153856613082676586349856997376 inch 10 feet
Casing material 1/1004336277651628922213726307713226165353172699713994752 inch 10 feet
Casing material 1/2008672555303257844427452615426452330706345399427989504 inch 10 feet
Casing material 1/4017345110606515688854905230852904661412690798855979008 inch 10 feet
Casing material 1/8034690221213031377709810461705809322825

State of Idaho
Department Of Water Resources
WELL INSPECTION FORM

If well is associated with water right, provide WR Permit No. 86-07224
86-07275
Otherwise provide legal description and a sketch map and/or address so that the well can be located easily.

1. Legal Description of Well Location:

Twp. _____ N, Rge. _____ Sec. _____, _____ $\frac{1}{4}$ _____ $\frac{1}{4}$ Gov. Lot _____

2. Owner: C.L. EASTMAN

Address: _____

City _____, State _____

3. Casing $\geq$ 12 inches above ground: Yes ☒ No ☐

4. Access Port:	Y ☒ N ☐	Static Water Level:	<u>45</u>
Pressure Gauge:	Y ☒ N ☐	Casing Diameter:	<u>8</u>
Flowing:	Y ☐ N ☒	Temperature:	<u>✓</u>

5. Are there any obvious construction problems that may be a source for contamination or waste of water: Y ☐ N ☒

If answer to Item 5 is Yes, describe in remarks and attach photo.

Remarks : EASTMAN WELL #2

RECEIVED

JAN 20 1994

WELL DRILLER'S REPORT

State law requires that this report be filed with the Labor Relations Board within 30 days after completion or abandonment of the work.

RECEIVED

44 18 28

1. WELL OWNER
Name C. L. Eastman
Address McCook, Illinois
County & Parcel No. _____

2. WATER LEVEL
Static water level 45 feet below land surface
Flowing? ☐ Yes ☒ No G.P.M. flow _____
Temperature _____ ° F. Quality _____
Artesian closed in pressure _____ psia
Controlled by ☐ Valve ☐ Cap ☐ Plug

3. NATURE OF BORE
☐ Flow well ☐ Druggable ☐ Repressible
☐ Abandoned (describe method of abandonment)
Drilled well in 1913 for water
for irrigation

4. PROPOSED USE for irrigation
☐ Domestic ☐ Irrigation ☐ Fire
☐ Municipal ☐ Industrial ☐ Stock

5. METHOD DRILLED
☐ Cable ☒ Rotary ☐ Dig ☐ Other

6. WELL CONSTRUCTION
Diameter of hole 2 1/2 inches Total depth 495 feet
Casing schedule ☐ Steel ☐ Concrete

Feet down	Feet	Feet	Feet	Feet	Feet	Feet	Feet	Feet	Feet
0-25	25	25	25	25	25	25	25	25	25
25-50	50	50	50	50	50	50	50	50	50
50-75	75	75	75	75	75	75	75	75	75
75-100	100	100	100	100	100	100	100	100	100
100-125	125	125	125	125	125	125	125	125	125
125-150	150	150	150	150	150	150	150	150	150
150-175	175	175	175	175	175	175	175	175	175
175-200	200	200	200	200	200	200	200	200	200
200-225	225	225	225	225	225	225	225	225	225
225-250	250	250	250	250	250	250	250	250	250
250-275	275	275	275	275	275	275	275	275	275
275-300	300	300	300	300	300	300	300	300	300
300-325	325	325	325	325	325	325	325	325	325
325-350	350	350	350	350	350	350	350	350	350
350-375	375	375	375	375	375	375	375	375	375
375-400	400	400	400	400	400	400	400	400	400
400-425	425	425	425	425	425	425	425	425	425
425-450	450	450	450	450	450	450	450	450	450
450-475	475	475	475	475	475	475	475	475	475
475-500	500	500	500	500	500	500	500	500	500

☐ No perforations ☐ Yes ☐ No
Perforated? ☐ Factory ☐ Local ☐ Trench
Size of perforations _____ inches by _____ inches
_____ perforations _____ feet _____ feet
_____ perforations _____ feet _____ feet
_____ perforations _____ feet _____ feet
Well screen installed? ☐ Yes ☒ No
Manufacturer's name _____
Type _____ Model No. _____
Diameter _____ feet size _____ feet from _____ feet to _____ feet
Diameter _____ feet size _____ feet from _____ feet to _____ feet
Screen material? ☐ Yes ☒ No Size of gravel _____ feet
Placed from _____ feet to _____ feet
Screen sand? ☒ Yes ☐ No To what depth 22 feet
Material used in sand ☐ Coarse gravel ☒ Fine sand

7. LOCATION OF WELL
Sketch map location must agree with written location.

County _____
McCook, Illinois

8. LITHOLOGICAL LOG

Feet down	Feet		Description	Feet
	From	To		
0-25	0	25	CLAY	25
25-50	25	50	CLAY	50
50-75	50	75	CLAY	75
75-100	75	100	CLAY	100
100-125	100	125	CLAY	125
125-150	125	150	CLAY	150
150-175	150	175	CLAY	175
175-200	175	200	CLAY	200
200-225	200	225	CLAY	225
225-250	225	250	CLAY	250
250-275	250	275	CLAY	275
275-300	275	300	CLAY	300
300-325	300	325	CLAY	325
325-350	325	350	CLAY	350
350-375	350	375	CLAY	375
375-400	375	400	CLAY	400
400-425	400	425	CLAY	425
425-450	425	450	CLAY	450
450-475	450	475	CLAY	475
475-500	475	500	CLAY	500

9. WORK STARTED _____ Finished _____

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and this report is true to the best of my knowledge.
Dr. C. L. Eastman
Driller
Dr. C. L. Eastman
Owner

UNCLASSIFIED//FOR OFFICIAL USE ONLY

ALL INFORMATION CONTAINED

JAN 20 1987

State of Idaho
Department Of Water Resources
WELL INSPECTION FORM

If well is associated with water right, provide WR Permit No. 86-07224
86-07275
Otherwise provide legal description and a sketch map and/or address so that the well can be located easily.

1. Legal Description of Well Location:

Twp. _____ N, Rge. _____ Sec. _____, _____ 1/4 _____ 1/4 Gov. Lot _____

2. Owner: C.L. EASTMAN

Address: _____

City _____, State _____

3. Casing $\geq$ 12 inches above ground: Yes ☒ No ☐

4. Access Port:	Y ☒	N ☐	Static Water Level:	<u>7</u>
Pressure Gauge:	Y ☐	N ☒	Casing Diameter:	<u>8</u>
Flowing:	Y ☐	N ☒	Temperature:	<u>✓</u>

5. Are there any obvious construction problems that may be a source for contamination or waste of water: Y ☐ N ☒

If answer to Item 5 is Yes, describe in remarks and attach photo.

Remarks: KNOWN AS ~~WELL~~ EASTMAN WELL #1

RECEIVED

JAN 20 1994

(State how much time this report is filed with the State Department Inspector within 30 days after completion or abandonment of the work)

1. GENERAL DATA

Name C. L. EASTMAN

Address Alacran, Oahu

Owner's Permit No. _____

2. PURPOSE OF WELL

☐ Water ☐ Disposal ☒ Replacement

☐ Other (specify method of discharge)

3. PROPOSED USE

☐ Domestic ☐ Industrial ☐ Vent

☐ Municipal ☐ Industrial ☐ Sewer

4. METHOD DRILLED

☐ Core ☐ Rotary ☐ Dig ☐ Other

5. WELL CONSTRUCTION

Diameter of hole 8 inches Total depth 113 feet

Casing schedule ☒ Steel ☐ Concrete

Depth	Diameter	Material	Feet
0-10	8	Steel	10
10-20	8	Steel	10
20-30	8	Steel	10
30-40	8	Steel	10
40-50	8	Steel	10
50-60	8	Steel	10
60-70	8	Steel	10
70-80	8	Steel	10
80-90	8	Steel	10
90-100	8	Steel	10
100-110	8	Steel	10
110-113	8	Steel	3

Drill bit 65 inches Perforations 47 feet Total 113 feet

Well casing installed ☐ Yes ☒ No

Manufacturer's name _____

Type _____ Model No. _____

Cement _____ Shot size _____ Feet from _____ feet to _____ feet

Discharge _____ Shot size _____ Feet from _____ feet to _____ feet

Ground protection ☐ Yes ☒ No Shot of ground _____ feet from _____ feet to _____ feet

Surface seal ☒ Yes ☐ No To what depth 60 feet

Intended use in and ☒ Cement grout ☐ Pudding clay

6. LOCATION OF WELL

Sketch map location must agree with written location

County LATAH

Sec. E. 1/4 T. 31 N. R. 5 W.

7. WATER LEVEL

Static water level 7 feet below land surface

Fluctuates ☐ Yes ☒ No G.P.M. flow _____

Temperature 71 Quality _____

Artesian check or pressure _____ p.s.i.

Controlled by ☐ Valve ☐ Cap ☐ Plug

8. WELL TEST DATA

Flow Rate	Draw Down	Time
10	10.6	1

9. LITHOLOGIC LOG

Depth	Material	Feet
0-10	Gravel	10
10-20	Gravel	10
20-30	Gravel	10
30-40	Gravel	10
40-50	Gravel	10
50-60	Gravel	10
60-70	Gravel	10
70-80	Gravel	10
80-90	Gravel	10
90-100	Gravel	10
100-110	Gravel	10
110-113	Gravel	3

10. DRILLER'S CERTIFICATION

This well was drilled under my supervision and this report is true to the best of my knowledge.

ALICE L. HILL DRILLER

ALICE L. HILL SIGNATURE

NO ADDITIONAL IN-FEED NUTRIENTS

20 1994

December 28, 1990

NORTH TOMER BUTTE WATER & SEWER DISTRICT
P.O. BOX 9387
MOSCOW, ID 83843

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 86-07275

Dear Permit Holder:

The department acknowledges receipt of the proof of beneficial use form submitted for the above referenced permit. The next step in the process of developing a water right is for the department to conduct a field examination to determine and confirm the use being made of the water.

If you have questions concerning this matter, please feel free to contact the NORTHERN Regional Office in Coeur D' Alene at (208)765-4639.

Sincerely,

Rita Fleck
Secretary/Records Manager

c: IDWR - Region

MICROFILMED

FEB 07 1991

ANALYSIS SHEET
for
PROOF OF BENEFICIAL USE

Permit No. 86-7275

Date 12-26-90

GENERAL CONSIDERATIONS

Y Name same as permit?
Y Address same as permit? If no, prepare data entry form.
Y Proof timely received? If no, complete priority advancement below.

SOURCE OF WATER

 Surface water source
✓ Ground water source
N Drill permit req'd?
 Copy in file? Drill permit no. N/A
 Well log in file?
 Amt paid for drilling permit? Correct?

LICENSE EXAMINATION FEE

Y Required?
30 Amount submitted?
Y Correct amount?

MEASURING DEVICE

N Measuring device or access port required?
 Installed?
 Waiver requested or needed?

DEFICIENCIES OR ACTION ITEMS

Proof acceptable

PRIORITY CALCULATION

Date proof received LB
Date proof due -
No. of days late =
Priority date +
NEW PRIORITY DATE =

138721

October 31, 1990

NORTH TOMER BUTTE WATER & SEWER DISTRICT
P.O. BOX 9387
MOSCOW, ID 83843

PROOF DUE NOTICE

RE: PERMIT NO. 86-07275

Dear Permit Holder:

One of the conditions of approval of the above referenced water permit was that proof of the extent of your beneficial use must be submitted to this office on or before January 1, 1991. (See last page of your approved permit or your last approved extension request.) Enclosed is a form which when accompanied by the license examination fee or a complete field examination report prepared by a certified water right examiner may be used to submit the required proof.

If you have not fully completed your project, and you or a previous owner of this permit have not received a prior extension of time, you may request an extension of time if the delay is for reasonable cause as provided in Section 42-204, Idaho Code. If you have been prevented from proceeding by a governmental agency or by litigation which might bring title to the water in question, more than one extension of time can be granted. An extension of time request form is enclosed for your convenience.

Either an acceptable proof of beneficial use submittal or an acceptable request for an extension of time must be received by this department on or before the above described proof due date. If neither is received, the department will send you a lapse notice. Within sixty (60) days of the mailing of the lapse notice, the permit will no longer be of any force nor effect.

SINCERELY,

Rita Fleck
Secretary/Records Manager

Enclosures

RECEIVED

FEB 07 1991

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

Statehouse
Boise, Idaho 83720
(208) 327-7900
December 8, 1989

NORTH TOMER BUTTE WATER & SEWER DISTRICT
P.O. BOX 9387
MOSCOW, ID 83843

PERMIT APPROVAL NOTICE

RE: PERMIT NO. P86-07275

Dear Permit Holder:

Enclosed is a copy of your approved application for permit. We direct your attention to the conditions of approval on the final page.

Section 42-235, Idaho Code, requires that a "drilling permit" must be obtained from the department for all wells constructed after July 1, 1987. A drilling permit is a separate permit that must be issued in addition to your permit to appropriate water. Commencement of well construction or diversion of water under your permit to appropriate water is prohibited unless a drilling permit is obtained.

We have enclosed a form entitled "Instructions for Proof of Beneficial Use". Please read the instructions carefully since you must take further action to develop this permit. Also enclosed for your convenience is a form entitled "Proof of Beneficial Use" that must be submitted to the Department when your project is completed. If development is complete, you may submit proof of beneficial use immediately.

Sincerely,

GARY SPACKMAN, Supervisor
Water Right Permits Section

GS: SC
Enclosures

MicroFILMED

MAR 19 1990

WR-NUMBER	NAME	STG	SOURCE	T	R	S	NE				NW				SW				SE				SUM
							NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
8607275																							
8607224	NORTH TOMER BUTTE WATE	P	GROUNDWATER	39N	05W	13				:				:			30	:					30
8607275	NORTH TOMER BUTTE WATE	A	GROUNDWATER	39N	05W	13				:				:			2	:			1	0	3
8707026	REGENTS OF UNIVERSITY	P	UNNAMED STREAM	39N	05W	13	40			40	:			:					:				80
L8707026	THE REGENTS OF THE UNI	L	UNNAMED STREAM	39N	05W	13				20	:			:					:		32		52
9608568																							
9608568	NACCARATO	A	GROUNDWATER	57N	03W	25	5			:				:					:				5
9608569																							
9602279	WENGER	L	PEND OREILLE LAKE	57N	01W	7				:	18			:					:				18
9604016	TIGER ENTERPRISES	S	BOYER SLOUGH	57N	01W	7				:				:					:				
9604143	MOUNT	S	PEND OREILLE LAKE	57N	01W	7	20	40	20	:				:					:				80
9608569	COX PARTNERSHIP	A	GROUNDWATER	57N	01W	7	10	1	1	1	:	10		20	:				:	15	15		73
9608570																							
9608534	STONE	A	SMITH CREEK	57N	03W	21				:	0			:					:				
9608550	FOX	A	SMITH CREEK	57N	03W	21				:	0			:					:				
9608570	DE WITT	A	UNNAMED STREAM	57N	03W	21				:				:					:			0	
9707296																							

REPRODUCED

MAR 19 1990

Affidavit of Publication

STATE OF IDAHO
County of Latah

ss.

Theresa Myers

being first duly sworn, on oath, deposes and says:

That he is the printer of The IDAHONIAN, a newspaper of general circulation, printed and published daily except Sunday at Moscow, Latah County, Idaho, in compliance with Sections 60-106, 60-107, and 60-108 of the Idaho Code and the amendments thereto; that the notice of which the annexed is a full, true and correct printed copy was published in the regular and entire issues of said newspaper and not in a supplement thereto, upon the following dates:

Sept. 21, 28,
1989

the same being the dates designated for the publication of said notice.

Theresa Myers
Subscribed and sworn to before

me this 28 day of Sept
1989

Chris A. Anders
Notary Public,
residing at Moscow, Idaho
My commission expires: 10-16-93

NOTICE OF APPLICATION FOR WATER RIGHT

The Following application(s) have been filed to appropriate the public waters of the State of Idaho:

86-07275

North Toner Butte Water and Sewer District

P.O. BOX 9387

MOSCOW, ID 83843

Source: GROUNDWATER

Diversion Pt: SWSW Sec 13 T 39N R 05W

SESW Sec 13 T 39N R 05W

SWSE Sec 13 T 39N R 05W

SESE Sec 13 T 39N R 05W

Use: IRRIGATION (.080 CFS)

DOMESTIC (.200 CFS)

Date Filed: 8/25/1989

In: T39N R05W S13 SESW SWSE SESE

3.6 ACRES TOTAL

For additional information concerning the property location, call the Northern Regional Office at 765-4639.

The permit(s) will be subject to all prior water rights. Protests must be filed with the Director, Dept. of Water Resources, Northern Region, 1910 Northwest Blvd., Suite 210, Coeur d'Alene, Idaho 83814 on or before SEPTEMBER 25, 1989.

R. KEITH HIGGINSON, Director
Sept. 21, 28, 1989

RECEIVED

OCT 02 1989

NORTHERN REGION
IDWR

MICROFILMED

MAR 19 1990

86-07275

NTBWSB *North Teton Area Water and Power Dist.*
P.O. BOX 9387
MOSCOW, ID 83843

Source: GROUNDWATER

Diversion Pt:	SWSW	Sec 13	T 39N	R 05W
	SESW	Sec 13	T 39N	R 05W
	SWSE	Sec 13	T 39N	R 05W
	SESE	Sec 13	T 39N	R 05W

Use: IRRIGATION	(.080 CFS)
DOMESTIC	(.200 CFS)

Date Filed: 8/25/1989

In: T39N R05W S13	SESW	SWSE	SESE
-------------------	------	------	------

3.6 ACRES TOTAL

*changed on
computer
9/6/89*

RECORDED

MAR 19 1990



State of Idaho

DEPARTMENT OF WATER RESOURCES

NORTHERN REGION, Suite 210 • 1910 Northwest Blvd. • Coeur d'Alene, Idaho 83814 • (208) 765-4639

CECIL D. ANDRUS
Governor

R. KEITH HIGGINSON
Director

September 19, 1989

Divn. of Env. Quality
2110 Ironwood Pkwy.
Coeur d'Alene, Id. 83814

Re: 86-7275

Gentlemen:

Enclosed is information which may be of interest to your Agency relating to an application recently filed with the Idaho Department of Water Resources.

Sincerely,

ROBERT G. HAYNES, P.E.
Regional Manager

RGH/pms
Enclosure

MICROFILMED

MAR 19 1990



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Northern Region Office

1910 Northwest Blvd. * Suite 210 * Coeur d'Alene, Id. * 83814 * (208) 765-4639

Cecil D. Andrus
Governor
September 11, 1989

R. Keith Higginson
Director

NTBWSD
Mr. Dan Caldwell Sec.
Box 9387
Moscow, Id. 83843

Re: Water Appropriation Application # 86-07275

Dear Applicant:

This department acknowledges receipt of your Application For Permit To Appropriate The Public Waters Of The State Of Idaho and your filing fee in the amount of \$30.00 for which your Receipt #N003110 is enclosed.

Your appropriation application has been assigned the above referenced number, to assist us in providing you with prompt, accurate service, please refer to this number in all future correspondence.

Your application is in the first stage of water right permit processing. It is currently being advertised in the county newspaper. This advertisement will be published for two consecutive weeks followed by a waiting period of ten days to allow for the submittal of protests.

If the application is protested during this waiting period, you will be sent a copy of the protest and instructions to aid you in resolving the protest without a hearing. However all protests must be resolved before approval of the application can be made, so if the protestant does not voluntarily withdraw the protest, this department will conduct a conference and/or hearing on the matter.

If the application is not protested it will be forwarded to Boise, where departmental staff will conduct a more in depth review of the application, to determine if there is a need for further information that will facilitate the Directors decision on the application. You will be notified by mail of this decision.

Unless you are using a well that was constructed prior to July 1, 1987, it will be necessary for you to apply for a well drilling permit upon approval of the appropriation application. Well drilling permits can be issued by this office only to holders of approved appropriation permits.

If you have any questions or if I can be of any assistance please feel free to contact me at this office.

Sincerely,


Tom D. King
Sr. Water Resource Agent

Enc: Receipt

RECORDED

MAR 19 1990

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

Northern Region Office

1910 Northwest Blvd. * Suite 210 * Coeur d'Alene, Id. * 83814 * (208) 765-4639

Cecil D. Andrus
Governor

R. Keith Higginson
Director

June 28, 1989

NTBWSD
Box 9387
Moscow, Id. 83843

Re: Water Appropriation Application

Dear Applicant:

The Idaho Department of Water Resources acknowledges receipt of your Application For Permit To appropriate The Public Waters Of The State Of Idaho. However I regret to inform you that the application is not complete, so I am returning it to allow you to correct the following:

Item #3: All four points of diversion must be individually described by 40 acre parcel, Section, Township and Range as established by the public land survey.

Item #9: This item must be completed by listing the location of all water uses to the nearest 40 acre tract. This may be done by following these steps: First insert Township (Twp.) Ranges (Rge.), Sections (Sec); next, identify each use and location of that use within the section by placing the indicated symbol in the appropriate box as shown below.

STOCKWATER = S; DOMESTIC = D; COOLING = L; FISH PROPAGATION = H;
RECREATION = R; COMMERCIAL = C; FIRE PROTECTION = F; INDUSTRIAL = I;
MINING = X; AESTHETICS = J; GROUNDWATER RECHARGE = E; WILDLIFE = W;
HEATING = G; MUNICIPAL = M; POWER = P; IRRIGATION = (NUMBER OF ACREAGE TO
BE IRRIGATED IN EACH 40 ACRE TRACT);

Twp.	Rge.	Sec	NE 1/4				NW 1/4				SW 1/4				SE 1/4				TOTALS
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
50N	04W	3	S	D	L	I	20	10	6										

This example shows that within Township 50 North, Range 4 West, Section 3, there is Stockwater use in the NE $\frac{1}{4}$ NE $\frac{1}{4}$; Domestic use in the NW $\frac{1}{4}$ NE $\frac{1}{4}$; Cooling (L) in the SW $\frac{1}{4}$ NE $\frac{1}{4}$; Industrial in the SE $\frac{1}{4}$ NE $\frac{1}{4}$; and irrigation of 20 acres in the NE $\frac{1}{4}$ NW $\frac{1}{4}$, 10 acres in the NW $\frac{1}{4}$ NW $\frac{1}{4}$, and 6 acres in the SW $\frac{1}{4}$ NW $\frac{1}{4}$.

MICROFILMED

MAR 19 1990

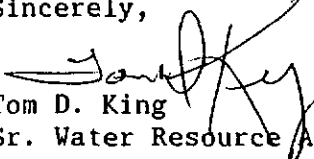
NTBWSD
Page Two
June 28, 1989

Item #13: The outline given on your map does not match the legal descriptions in item #9.

The Application must be completed, signed and returned to this office with any other information you deem appropriate within 30 days of the above date. Failure to communicate with this office within that time may result in the voiding of your application.

If you have any questions or if I can be of any assistance please feel free to contact me at this office.

Sincerely,


Tom D. King
Sr. Water Resource Agent

Enclosures

MICROFILMED

MAR 19 1990

USE TYPEWRITER OR
BALL POINT PEN

State of Idaho
Department of Water Administration

RECEIVED

WELL DRILLER'S REPORT

1972

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

Department of Water Administration

1. WELL OWNER Name <u>Charles Crow</u> Address <u>207 Main Road R22</u> <u>Moscow Idaho</u> Owner's Permit No. _____		7. WATER LEVEL Static water level <u>30"</u> feet below land surface Flowing? ☐ Yes ☐ No G.P.M. flow _____ Temperature _____ F. Quality <u>good</u> Artesian closed-in pressure _____ p.s.i. Controlled by ☐ Valve ☐ Cap ☐ Plug																																																																													
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5. WELL CONSTRUCTION <u>10-8-7-02</u> Diameter of hole <u>8</u> inches Total depth <u>410</u> feet Casing schedule ☐ Steel ☐ Concrete <table border="1"> <tr> <th>Thickness</th> <th>Diameter</th> <th>From</th> <th>To</th> <th>Feet</th> </tr> <tr> <td><u>50</u></td> <td><u>10</u></td> <td><u>0</u></td> <td><u>65</u></td> <td><u>65</u></td> </tr> <tr> <td><u>50</u></td> <td><u>8</u></td> <td><u>65</u></td> <td><u>80</u></td> <td><u>15</u></td> </tr> <tr> <td><u>50</u></td> <td><u>700</u></td> <td><u>0</u></td> <td><u>410</u></td> <td><u>410</u></td> </tr> </table>		Thickness	Diameter	From	To	Feet	<u>50</u>	<u>10</u>	<u>0</u>	<u>65</u>	<u>65</u>	<u>50</u>	<u>8</u>	<u>65</u>	<u>80</u>	<u>15</u>	<u>50</u>	<u>700</u>	<u>0</u>	<u>410</u>	<u>410</u>	11. LOCATION OF WELL Sketch map location must agree with written location.  County <u>Idaho</u> <u>S.W. 1/4 Sec 13 T. 34 N. 5 R. 5</u>																																																									
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MAR 19 19

USE TYPEWRITER OR
CALL LETTERS FOR

State of Idaho
Department of Reclamation

WELL DRILLER'S REPORT

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

RECEIVED

JUN 14 1972

1. WELL OWNER

Name C. L. EASTMAN
Address Moscow, IDAHO

Owner's Permit No. _____

2. WATER LEVEL

Static water level 45 feet below land surface
Flowing? ☐ Yes ☒ No G.P.M. flow _____
Temperature _____ ° F. Quality _____
Artesian closed-in pressure _____ p.s.i.
Controlled by ☐ Valve ☐ Cap ☐ Plug

3. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement

☐ Abandoned (describe method of abandoning)
THIS WELL IS NOT COMPLETED
30' BECAUSE NO WATER IN
SPACING OF 147' - 4" WELLED

4. PROPOSED USE

☒ Domestic ☐ Irrigation ☐ Test
☐ Municipal ☐ Industrial ☐ Stock

5. WELL TEST DATA

☐ Pump ☐ Bailor ☐ Other

Discharge G.P.M.	Draw Down	Water Potential
<u>50 G.P.M.</u>	<u>AIR TEST</u>	

6. METHOD DRILLED

☐ Cable ☒ Rotary ☐ Dug ☐ Other

7. WELL CONSTRUCTION

Diameter of hole 8 1/2 inches Total depth 445 feet

Casing schedule: ☐ Steel ☐ Concrete

Thickness	Diameter	From	To
<u>250</u> inches	<u>8</u> inches	<u>0</u> feet	<u>52</u> feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet

Was a packer or seal used? ☐ Yes ☐ No
Perforated? ☐ Yes ☒ No
How perforated? ☐ Factory ☐ Knife ☐ Torch

Size of perforation _____ inches by _____ inches
Number _____ From _____ To _____
_____ perforations _____ feet _____ feet
_____ perforations _____ feet _____ feet
_____ perforations _____ feet _____ feet

Well screen installed? ☐ Yes ☒ No

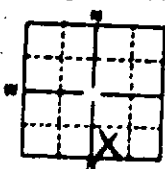
Manufacturer's name _____
Type _____ Model No. _____
Diameter _____ Slot size _____ Set from _____ feet to _____ feet
Diameter _____ Slot size _____ Set from _____ feet to _____ feet

Gravel packed? ☐ Yes ☒ No Size of gravel _____
Placed from _____ feet to _____ feet

Surface seal? ☒ Yes ☐ No To what depth 92 feet
Material used in seal ☐ Cement grout ☒ Fudding clay

8. LOCATION OF WELL

Sketch map location must agree with written location.



County _____
3/4 Sec. 13, T. 31 N. R. 5 E. W.

9.

Work started _____ Finished _____

10. DRILLER'S CERTIFICATION

This well was drilled under my supervision and this report is true to the best of my knowledge.

ALCOCK DRILLING
Driller's or Firm's Name _____
511 AIRWAY DRIVE - LEWISTON, ID.
Address _____
Signed By _____ Date _____

MAR 19

UHLENKOTT WELL DRILLING AND SUPPLIES

PUMP SALES AND SERVICE

Well Log

Depth and Strata

FENN, IDAHO 83531

Phone 962-3923

WELL NO. _____

OWNER OF WELL Tomer Butte

LOCATION OF WELL 2 Miles East Of Moscow SEC 13, T 39N, R 5W, 3M, LATA

NEAREST POST OFFICE Moscow

STATE Idaho COUNTY Latah

DRILLING BEGUN Aug. 26, 1986 WELL FINISHED Sept 8, 1986

Well Record

CASING SIZE 10 Inch CASING DEPTH 47 ft.

HOLE SIZE 10 Inch HOLE DEPTH 230 ft.

CAPACITY OF WELL 500 GPM(Plus)

PUMP SETTINGS _____

CASING PERFORATIONS _____

- 0 - 4 Dirt
- 4 - 175 Decompsed Granite
- 175 - 208 Harder Granite with some Quartz
- 208 - 218 Softer decomposed Granite
- 218 - 230 Softer broken Granite

Invoice

DATE _____

Item	Unit Price	Amount
Mob & Demob		\$875.00
10 Inch Drilling	@ \$6.75	330.75
49 ft. 10 Inch Casing	16.00	784.00
6 Inch Pilot Hole 230 ft.	13.50	3,105.00
215 Ft. 8 Inch Casing	7.25	1,558.75
47 Ft. Drilling 15 inch Hole	30.00	1,410.00

TOTAL AMOUNT DUE \$,8,063.50

MEMO:

MICROFILMED

MAR 19 1990

WOODLAND HILL S

WELL NO.

TESTED FEB 3, 1984

BY JHLENKOTT UNDERGROUND, FENN, IDAHO

WATER LEVEL 25.1

WELL DEPLETION

WELL RECOVERY

RECEIVED

MAR 19 1990

WELL DATA

DRILLED BY J. WILSON
FOR FENN IDAHO
C. WILSON
WELL DRILLED BY
FENN IDAHO
MAR 19 1990

32821

EASTMAN ACRES

WELL No. 2

TESTED FEB. 9, 1984

by: JHLENKOTT UNDERGROUND, TERN, IDAHO

RECHARGE WATER LEVEL

WELL RECOVERY

WELL DEPLETION



WELL DATA

WELL NO. 2
WELL DEPTH 100 FT
WELL DIAMETER 4 IN
WELL LOCATION
WELL TYPE DEPTH 100 FT
WELL TYPE DEPTH 100 FT

NOT FILMED

MAR 13 1990

EASTMAN ACRES

WELL No. 11

TESTED FEB. 8, 1984

by UHLENKOT UNDERGROUND, FENN. DAHO

RECHARGE WATE
LEVEL 40

WELL DEPLETION

WELL RECOVERY

190.55

MICROFILMED

MAR 1 5 1990

WELL DATA

DRILLED BY: JADCOCK WELLS CO. 1983
D.H.P. BAKKELI 2001
B. BAKER: 8 CASING 1 3/4"
B. POKE: 10 3/4" 1983
WELL DRILLED: 195
C.R. LINES: DEPTH: 426.15



THE

CROW PROPERTY

PROPERTY

PROPOSED
HIGHWAY
CROSSING

EASTMAN

ACRES
SUBDIVISION

EASTMAN PROPERTY

NORTH TOWER BUT THE
WATER AND SEWER DISTRICT

ATAH COUNTY, IDAHO

CHL LAG00NE

CELL #1	CELL #2
---------	---------

ION
NORTHERN
R R

REPROFILMED

MAR 19 1990

T39N RANGE 5 W BM

T 39N RANGE 4 W BM

5