

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 95-08498

Priority: January 31, 1986

Maximum Diversion Rate:

0.04 CFS

Maximum Diversion Volume:

7.2 AF

This is to certify, that WALLACE E UMPHREY
BETTY R UMPHREY
WAYNE FROVAP
THELMA FROVAP

E 7515 ROCKY RD

RATHDRUM ID 838580000

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated January 31, 1986; and has submitted Proof of Beneficial Use on February 13, 1991. An examination indicates that the works have a diversion capacity of .070 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	0.04 CFS	6.0 AF
DOMESTIC	01/01 to 12/31	0.04 CFS	1.2 AF
Totals		0.04 CFS	7.2 AF

LOCATION OF POINT(S) OF DIVERSION:

SWSE , Sec. 2, Township 52N, Range 04W
KOOTENAI 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>
52N	04W	2	SWSE	2		2

Total number of acres irrigated: 2

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 limited to the amount that can actually be beneficially use 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.

RECORDED

DEC 15 1992

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 95-08498

CONDITIONS/REMARKS:

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.
6. Domestic use is for 2 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 16TH day of OCTOBER, 1992.

Acting for R. Keith Higginson, Director

DEC 15 1992

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

APPROVED

To appropriate the public waters of the State of Idaho

1. Name of applicant UMPHREY, WALLCE E. OR BETTY R & FROVARD, WAYNE OR THELMA Phone 687-1126
Post office address E. 1515 ROCKY RD. RATHDRUM, ID. 83858
2. Source of water supply GROUNDWATER which is a tributary of _____
3. Location of point of diversion is NE $\frac{1}{4}$ of SW $\frac{1}{4}$ of SE $\frac{1}{4}$, Govt. Lot _____
Sec. 2 Township 52N Range 4W B.M. FOOTENAL County; additional
points of diversion if any: _____
4. Water will be used for the following purposes:
Amount 0.08 for DOMESTIC purposes from 1-1 to 12-31 (both dates inclusive)
(cfs or acre-feet per annum)
Amount 0.20 for IRRIGATION purposes from 3-15 to 11-15 (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) 0.20 and/or (b) _____
cubic feet per second acre feet per annum
6. Proposed diverting works:
 - a. Description of ditches, flumes, pumps, headgates, etc. WELL, PUMP & PIPELINE
 - b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet; total
reservoir capacity _____ acre-feet; period of year when water will be diverted to storage:
_____ to _____ inclusive.
 - c. Proposed well diameter is 6" inches; proposed depth of well is 368 feet.
 - d. Is ground water with a temperature of greater than 90°F being sought? SWL 300'
7. Time required for the completion of the works and application of the water to the proposed beneficial use is
5 years (minimum 1 year).

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8. Description of proposed uses (if irrigation only, go to item 9):
- Hydropower; show total feet of head and proposed capacity in KW. _____
 - Stockwatering; list number and kind of livestock. _____
 - Municipal; show name of municipality. _____
 - Domestic; show number of households. 2
 - Other; describe fully. _____

9. Description of place of use:
- If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
 - 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	
<u>52N</u>	<u>4W</u>	<u>2</u>															<u>D</u> <u>10</u>		<u>10</u>

Total number of acres to be irrigated 10

10. Describe any other water rights used for the same purposes as described above. NONE
11. a. Who owns the property at the point of diversion? MR. UMPHREY
- b. Who owns the land to be irrigated or place of use? APPLICANTS
- c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing. CONTRACT AGREEMENT

12. Remarks: _____

This is a topographic map of the Round Mountain area. The map features contour lines indicating elevation, with a peak labeled 'Round Mountain' at an elevation of 3456 feet. Other labeled features include 'Lone Mtn', 'Gravel Pit', and 'Ramsey'. A rectangular area of interest is marked with a black box and labeled with handwritten notes 'PD7' and 'P147'. The map includes a scale bar (1:24,000) and a contour interval of 20 feet. The map is oriented with North at the top. The map is divided into sections by a grid, with section numbers 27, 26, 25, 34, 35, and 36 visible. The map also shows a trail, a pipeline, and a road labeled 'RAMSEY ROAD'. The map is titled 'NATIONAL FOREST' at the top. The map is dated '50' at the bottom left. The map is labeled 'HAYDEN' at the bottom center. The map is labeled '47'30"' at the bottom right. The map is labeled '517000m E.' at the bottom right. The map is labeled '1 MILE' at the bottom right. The map is labeled '1 KILOMETER' at the bottom right. The map is labeled 'CONTOUR INTERVAL 20 FEET' at the bottom right. The map is labeled 'Heavy' and 'Medium' at the bottom right.

Application for permit to appropriate the public waters of
 X Betty R. Humphrey
 X Thelma Frowap
 (Applicant)

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Proposed Priority 1/31/86

Received by [Signature] Date 1-31-86 Time 9:45 AM Preliminary check by [Signature]
Fee \$ 30.00 Receipted by [Signature] # 31931-45.00 Date 1/31/86
Publication prepared by [Signature] Date 2/6/86 Published in 2/13+20/86
Publication approved [Signature] Date 3/14/86

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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. 95-8498, and said application is hereby APPROVED.

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 April 1, 19 91.
- 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: Permit holder shall commence the excavation or construction of diverting works within one year of the date this permit is issued and shall proceed diligently until the project is complete.

Witness my hand this 2nd day of April, 1986.

[Signature]
Chief, Operations Bureau

RECEIVED
SEP 30 1992

Department of Water Resources

WATER RIGHT NO. 95-08498

Priority: January 31, 1986

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0.04 CFS

Maximum Diversion Volume:

7.2 AF

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BETTY R UMPHREY
WAYNE FROVAP
THELMA FROVAP

E 7515 ROCKY RD

RATHDRUM ID 838580000

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LOCATION OF POINT(S) OF DIVERSION:

SWSE , Sec. 2, Township 52N, Range 04W
KOOTENAI 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>
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DEC 15 1992

WATER RIGHT NO. 95-08498

CONDITIONS/REMARKS:

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6. Domestic use is for 2 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 _____ day of _____, 19____.

R. Keith Higginson, Director

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LICENSE REVIEW CHECKLIST

Permit # 95-08498

Date 9-10-92
28

	Yes	No	
NAME	☐	☒	Address Change?
PRIORITY DATE	☐	☒	Advance?
	☐	☒	Memo to Advance
	☐	☒	Order to Reinstate Needed?
TOTAL CFS	☐	☒	No Fee Pd/Limit to .04 unless Fee pd.
	☒	☐	Incorrect Fee for rate recommended?
	☒	☐	Disagree with Actual Measurement?
	☒	☐	<u>.06 or .04 cfs (DOM) 2x.03 = .06 or .04 cfs (IRR)</u>
	☒	☐	Disagree with Theoretical? <u>5x8.8x.7 = .072</u>
	☒	☐	Limited by Capacity? <u>.07</u> <u>335' x (2.31 x 40)</u> <u>@ 360' = .068</u>
TOTAL VOLUME			Rate/ac <u>3.0</u> AFA Irr. Season <u>D</u>
			<u>3-15 to 11-15</u> Standard Irr. Season
			<u>Same Per Permit</u> Season Recommended
			Disagree with Examiner's Calculations?
			<u>2x3.0 = 6.0 cfs (IRR) 2x.6 = 1.2 cfs (DOM)</u>
			Limited by Flow? <u>.04 x 245 x 1.9835 = 19.4</u> <u>> 4.0</u> <u>.06 x 245 x 1.9835 = 29.2</u>
SOURCE			Changes? Clarification of <u>Originally</u>
			<u>Intended</u> source
			Notice of Intent to Void.
P/D			Verify with Map
			Amendment Needed?
			Is Overlap Analysis a Consideration?
P/U			Verify with Map
			Amendment Needed?
			Is Overlap Analysis a Consideration?
USES			Change(s) in Nature of Use?
			Amendment Needed?
REMARKS			Multiple P/Ds in 1/4 1/4?
			Non-Irr. Uses <u>DOM/2 Homes</u>
			Special Overlap Condition
			Other
CONDITIONS			Measuring Device
			W/Master Control
			Overlap
			Water Quality
			DATES/MISC
			Water Dist.
			App Rec'd
			Exam Made

COMMENTS/MEMOS NEEDED: Reduced Rate, acres
5 HP pump from Proof / 325' static level - Used 335'
minimum dynamic level / 40 psi from proof + low
end DOM estimate.

License 10-Day ☒ 15-Day ☐ Special Correspondence ☒

Letter - more water / additional fee
No fee per letter! 9-30-92 / Issued @ .04 cfs

WR0749NP
No. L95-08498

IDAHO DEPARTMENT OF WATER RESOURCES
WATER RIGHT PROFILE REPORT
(REGIONAL)

DATE: 09/10/92
PAGE: 1

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	WALLACE E UMPHREY	01/31/1986	IRRIGATION	03-15 11-15	0.04 CFS	6.0 AFA
C	BETTY R UMPHREY		DOMESTIC	01-01 12-31	0.04 CFS	1.2 AFA
C	WAYNE FROVARP					
C	THELMA FROVARP					
	E 7515 ROCKY RD			TOTAL DIVERSION:	0.04 CFS	7.2 AFA
	RATHDRUM ID 838580000					

Water Source: GROUNDWATER

Tributary to:

Stage: LICENSE

Point(s) of Diversion Capacity: 0.07 CFS

Point(s) of Diversion: T52N R04W S02 SW SE

Place of use Legal Description for: IRRIGATION

				NE				NW				SW				SE					
T	R	S	:	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	:	SUM
52N	04W	2	:																	:	2.0
																				TOTAL ACRES	2.0

Place of use location for DOMESTIC is the same location as described for: IRRIGATION

Pou County: KOOTENAI

Other Water Rights Listing Overlapping Place(s) of use:
95-08498 95-08639 E95-08498

Conditions of Approval:

- R49 - 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.

Remarks: Domestic use is for 2 homes.

Dates:	App. Received:	01/31/1986	Priority Date:	01/31/1986
	Proof Due Date:	04/01/1991	Proof Made Date:	02/13/1991
	Exam Made Date:	10/04/1991	Exam Sent to S.O.:	07/22/1992
	Licensed Date:			

Misc: Water District Number: Field Exam Fee: N (Not Required)

Audit: 09/10/92 SKAGGS

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

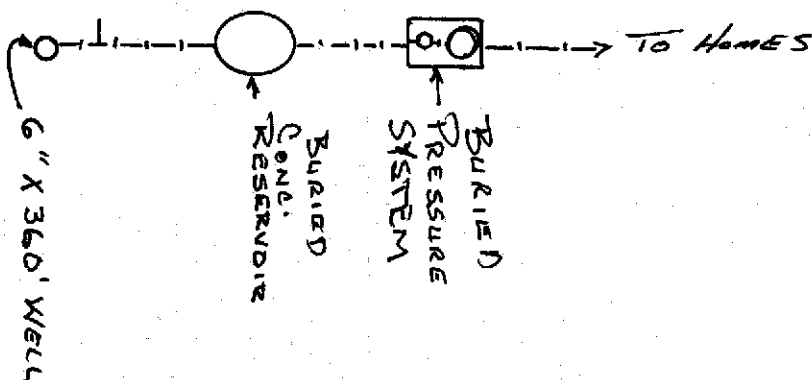
Permit No. 95-08498
1. Owner: WALLACE E. UMPHREY ET. AL. Phone No. 687-1253
Current Address: E. 7515 ROCKY RD. RATHBURN, ID. 83858
2. Accompanied by: NONE EXAM. DATE: 10/14/91
Address: _____ Phone No. _____
Relationship to Permit Holder: _____
3. Source: _____ tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: NONE ☐ Copies Attached
2. Other water rights with same point of diversion: NONE ☐ 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" = N.T.S.

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2. ☒ Copy of U.S.G.S. Quadrangle Attached ☐ Aerial Photo Attached
Showing location(s) of point(s) of diversion and place(s) of use (required). (required for irrigation of 10 acres or more).
☒ Photo of Diversion and System Attached
(required for all but single household domestic groundwater, and stockwater.)

System Description (continued)

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

AT A 6" X 360' WELL WITH SUBMERSIBLE PUMP, PIPELINE
TO PRESSURE SYSTEM & HOMES

☐ 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
<u>SUBMERSIBLE</u>		<u>UNK</u>			

*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
		<u>NE</u>	<u>SW</u>	<u>SE</u>	<u>2</u>	<u>52N</u>	<u>4W</u>	<u>MONTANA</u>	<u>MAP / ASSESSOR</u>

6. Place(s) of Use:

Indicate Method of Determination MAP / ASSESSOR

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	
<u>52N</u>	<u>4W</u>	<u>2</u>															<u>2</u>	<u>0</u>	<u>2</u>

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements:

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method:

TWO HOMES w/LEG
NO FEE

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 Ampsx .001732 = _____ (6)

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

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{I.R.} = (\text{Acres Irrigated})^2 \times (\text{Irrigation Requirement})^3 = 6$

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

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

2. Volume Calculations for Other Uses:

IRR 2 ACRE / HOME - LAWN & GARDEN

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H. REMARKS AND OVERLAP REVIEW ANALYSIS

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
IRR.	3-15	11-15	0.04	6
Dom (2)	1-1	12-31	0.04	1.2
Totals:			0.04	7.2

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

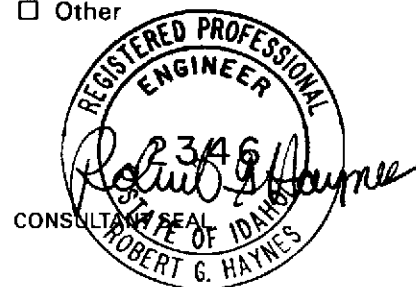
J. AUTHENTICATION

Field Examiner's Name Tam D King

Signature Tam D King

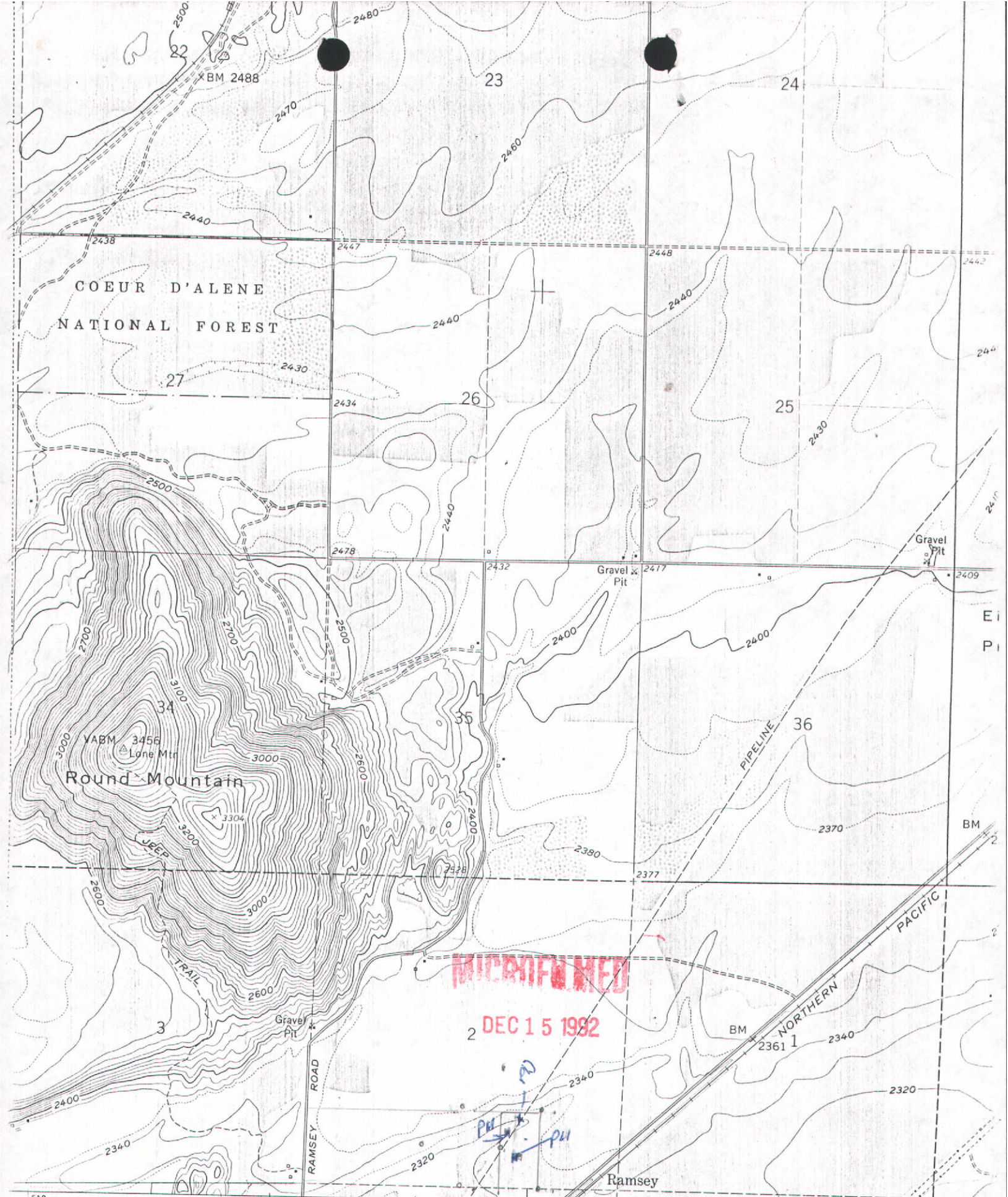
Certification Date 4/10/91

Field Report Preparation Date 10/7/91



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

MICROFILMED
DEC 15 1992



(HAYDEN)
2679 IV SE
SCAIF 1:24,000

95-8498
T.52N. R.4W. Sec 2.

ROAD CLASSIFICATION

avy. duty Light duty

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JUL 27 1992

Department of Water Resources

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
FIELD REPORT SUPPLEMENT

PERMIT # _____

PHOTOGRAPHS



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State of Idaho
Department Of Water Resources
WELL INSPECTION FORM

If well is associated with water right, provide WR Permit No. 95-08498

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: _____

Address: _____,

City _____, State _____

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

4. Access Port:	Y ☐	N ☒	Static Water Level:	<u>325</u>
Pressure Gauge:	Y ☐	N ☒	Casing Diameter:	<u>6"</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 : _____

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DEC 15 1992

ANALYSIS SHEET
for
PROOF OF BENEFICIAL USE

Permit No. 95-5472

Date 5-13-91

GENERAL CONSIDERATIONS

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

SOURCE OF WATER

☐ Surface water source
☒ Ground water source
☒ Drill permit req'd?
☒ Copy in file? Drill permit no. _____
☒ Well log in file?
☒ Amt paid for drilling permit? _____ Correct?

LICENSE EXAMINATION FEE

NC Required?
0 Amount submitted?
yes Correct amount?

MEASURING DEVICE

no Measuring device or access port required?
no Installed?
no Waiver requested or needed?

DEFICIENCIES OR ACTION ITEMS

proof acceptable

PRIORITY CALCULATION

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

95-8498

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STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

FEB 13 1991

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. ~~319321~~ 95-8498 Telephone No. 208-687-1126

2. Name(s) of Permit Holder(s): Betty Umphrey

3. Post Office Address: E 7515 Rocky Rd, Rathdrum, ID 83858

4. Source of Water: _____

a. If ground water, well driller's name: UNITED DRILLING INC Date drilled: 1-30-86

b. Pump horsepower: 5 HP Pressure (psi): 40 Dynamic pumping level (ft.): 360'

5. Extent of Use:

Domestic 2 (No. of households) Irrigation _____ (No. of acres)

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

6. Total rate and/or volume for which proof is submitted 10.29 cfs 10 gpm (per well log) acre/feet

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

Measuring device: Required? Yes ☒ No Installed? Yes ☐ No

OR

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

8. Fee Enclosed: \$ 0 (See License Examination Fee Schedule)

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

WALLACE UMPHREY / WAYNE FROVARR 208-687-1253
Name Telephone No.

E 7515, Rocky Rd Rathdrum
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.

RECEIVED

2-6-91
Date

Betty Umphrey JUL 16 1991
Signature (and title if on behalf of a company or organization)

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORTUSE TYPEWRITER OR
BALLPOINT PENState law requires that this report be filed with the Director, Department of Water Resources
within 30 days after the completion or abandonment of the well.

1. WELL OWNER Name <u>Wallace Umhrey</u> Address <u>E 7515 Rocky Rd. Rathdrum Id 83858</u> Owner's Permit No. _____		7. WATER LEVEL Static water level <u>325</u> feet below land surface. Flowing? ☐ Yes ☒ No G.P.M. flow _____ Artesian closed-in pressure _____ p.s.i. Controlled by: ☐ Valve ☐ Cap ☐ Plug Temperature <u>67</u> F. Quality <u>Good</u> <i>Describe artesian or temperature zones below</i>																																																					
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement ☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)		8. WELL TEST DATA ☐ Pump ☐ Bailer ☒ Air ☐ Other _____ <table border="1"><thead><tr><th>Discharge G.P.M.</th><th>Pumping Level</th><th>Hours Pumped</th></tr></thead><tbody><tr><td><u>10 GPM</u></td><td><u>360</u></td><td><u>3hrs.</u></td></tr></tbody></table>		Discharge G.P.M.	Pumping Level	Hours Pumped	<u>10 GPM</u>	<u>360</u>	<u>3hrs.</u>																																														
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3. PROPOSED USE ☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection ☐ Other _____ (specify type)		9. LITHOLOGIC LOG <table border="1"><thead><tr><th rowspan="2">Bore Diam.</th><th colspan="2">Depth</th><th rowspan="2">Material</th><th colspan="2">Water</th></tr><tr><th>From</th><th>To</th><th>Yes</th><th>No</th></tr></thead><tbody><tr><td><u>12</u></td><td><u>0</u></td><td><u>40</u></td><td><u>Sand & Gravel</u></td><td></td><td><u>X</u></td></tr><tr><td></td><td><u>40</u></td><td><u>82</u></td><td><u>Sand & Gravel</u></td><td></td><td><u>X</u></td></tr><tr><td><u>8</u></td><td><u>82</u></td><td><u>260</u></td><td><u>Sand & Gravel</u></td><td></td><td><u>X</u></td></tr><tr><td></td><td><u>260</u></td><td><u>284</u></td><td><u>Sand & Gravel</u></td><td></td><td><u>X</u></td></tr><tr><td><u>6</u></td><td><u>284</u></td><td><u>320</u></td><td><u>Basalt & Gravel layered</u></td><td></td><td><u>X</u></td></tr><tr><td></td><td><u>320</u></td><td><u>340</u></td><td><u>Gray Clay</u></td><td><u>X</u></td><td></td></tr><tr><td></td><td><u>340</u></td><td><u>360</u></td><td><u>Sand & Gravel</u></td><td><u>X</u></td><td></td></tr></tbody></table>		Bore Diam.	Depth		Material	Water		From	To	Yes	No	<u>12</u>	<u>0</u>	<u>40</u>	<u>Sand & Gravel</u>		<u>X</u>		<u>40</u>	<u>82</u>	<u>Sand & Gravel</u>		<u>X</u>	<u>8</u>	<u>82</u>	<u>260</u>	<u>Sand & Gravel</u>		<u>X</u>		<u>260</u>	<u>284</u>	<u>Sand & Gravel</u>		<u>X</u>	<u>6</u>	<u>284</u>	<u>320</u>	<u>Basalt & Gravel layered</u>		<u>X</u>		<u>320</u>	<u>340</u>	<u>Gray Clay</u>	<u>X</u>			<u>340</u>	<u>360</u>	<u>Sand & Gravel</u>	<u>X</u>	
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4. METHOD DRILLED ☒ Rotary ☒ Air ☐ Hydraulic ☐ Reverse rotary ☐ Cable ☐ Dug ☐ Other _____		RECEIVED FEB 21 1986 Department of Water Resources Northern District Office RECEIVED MICROFILMED FEB 28 1986 JUL 16 1991 Department of Water Resources																																																					
5. WELL CONSTRUCTION Casing schedule: ☒ Steel ☐ Concrete ☐ Other <table border="1"><thead><tr><th>Thickness</th><th>Diameter</th><th>From</th><th>To</th></tr></thead><tbody><tr><td><u>200</u> inches</td><td><u>10</u> inches</td><td><u>1</u> feet</td><td><u>82</u> feet</td></tr><tr><td><u>250</u> inches</td><td><u>8</u> inches</td><td><u>1</u> feet</td><td><u>284</u> feet</td></tr><tr><td><u>250</u> inches</td><td><u>6</u> inches</td><td><u>207</u> feet</td><td><u>363</u> feet</td></tr></tbody></table> Was casing drive shoe used? ☒ Yes ☐ No Was a packer or seal used? ☒ Yes ☐ No Perforated? ☒ Yes ☐ No How perforated? ☐ Factory ☐ Knife ☒ Torch Size of perforation <u>1/16</u> inches by <u>1/16</u> inches <table border="1"><thead><tr><th>Number</th><th>From</th><th>To</th></tr></thead><tbody><tr><td><u>75</u> perforations</td><td><u>340</u> feet</td><td><u>360</u> feet</td></tr><tr><td>perforations</td><td>feet</td><td>feet</td></tr><tr><td>perforations</td><td>feet</td><td>feet</td></tr></tbody></table> Well screen installed? ☐ Yes ☒ No Manufacturer's name _____ Type _____ Model No. _____ Diameter _____ Slot size _____ Set from _____ feet to _____ feet Diameter _____ Slot size _____ Set from _____ feet to _____ feet Gravel packed? ☐ Yes ☒ No ☐ Size of gravel _____ Placed from _____ feet to _____ feet Surface seal depth <u>20</u> Material used in seal: ☐ Cement grout ☒ Bentonite ☐ Pudding clay ☐ _____ Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing ☒ Overbore to seal depth Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent Weld ☐ Cemented between strata Describe access port _____				Thickness	Diameter	From	To	<u>200</u> inches	<u>10</u> inches	<u>1</u> feet	<u>82</u> feet	<u>250</u> inches	<u>8</u> inches	<u>1</u> feet	<u>284</u> feet	<u>250</u> inches	<u>6</u> inches	<u>207</u> feet	<u>363</u> feet	Number	From	To	<u>75</u> perforations	<u>340</u> feet	<u>360</u> feet	perforations	feet	feet	perforations	feet	feet																								
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6. LOCATION OF WELL Sketch map location <u>must</u> agree with written location. <table border="1"><tr><td>N</td><td></td><td></td></tr><tr><td>W</td><td>X</td><td>E</td></tr><tr><td></td><td></td><td></td></tr><tr><td>S</td><td></td><td></td></tr></table> Subdivision Name _____ Lot No. _____ Block No. _____ County <u>Nebo</u> <u>NE</u> <u>1/4</u> Sec. <u>2</u> T. <u>52</u> N. R. <u>4</u> E/W.		N			W	X	E				S			10. Work started <u>1-15-86</u> finished <u>1-28-86</u>																																									
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11. DRILLERS CERTIFICATION I/We certify that all minimum well construction standards were complied with at the time the rig was removed. United Drilling Inc. Firm No. <u>414</u> Firm Name <u>PO Box 2499 CD'A Id 83814</u> Address _____ Date _____ Signed by (Firm Official) <u>Tom R. Volberg</u> and (Operator) <u>Tom R. Volberg</u>		11. USE ADDITIONAL SHEETS IF NECESSARY - FORWARD THE WHITE COPY TO THE DEPARTMENT																																																					

State of Idaho
Department of Water Resources

APPLICATION FOR PERMIT ANALYSIS SHEET

INITIAL REVIEW BY: RMA APPLICATION NUMBER: 95-8498

CHECK:

- ☒ Source.
☒ Point of diversion.
☒ County.
☒ Quantity of water and period of use.
☒ Description of diverting works.
☒ Time required for beneficial use of water.
☒ Place of use or acres irrigated.
☒ Map.
☒ Signature.
☒ Fee.

Field check by: _____

Date: _____

Comments: _____

☐ Yes ☒ No Field check required.

☐ Yes ☒ No Critical groundwater area.

☐ Yes ☒ No Request dam safety information. Sent by: _____ Date: _____

☒ Yes ☐ No* In form to receipt.

*REQUEST THE FOLLOWING ADDITIONAL INFORMATION FROM THE APPLICANT: _____

SEND COPIES TO:

- ☐ Idaho State Health Department.
☐ Idaho Fish and Game Department.
☐ Idaho Department of Lands.
☐ U.S. Bureau of Land Management.
☐ U.S. Forest Service.
☐ Other _____

Copies sent by: _____ Date: _____

PROCESSING:

☐ Yes ☐ No Platted by: _____ Map No. _____

☐ Yes ☐ No Other rights on same place of use. _____

☒ Yes ☐ No* In form for advertising.

Final date for protests: 3/3/86

☐ Yes ☒ No Protests received. If yes, record information on 4th page of application.

FINAL REGIONAL PROCESSING REVIEW:

☒ Affidavit of publication received. Date: 3/14/86

☒ Application published correctly. If not, record action taken: renewal left out - re-adv.

☒ Fee amount, receipt date & number, recorded on application.

☒ Publication dates and paper, recorded on application.

☒ Protests, dates, withdrawal, etc., recorded on application.

☒ Recommendation & initial, recorded on application.

☐ Yes ☒ No Measuring device required.

☐ Yes ☒ No Access port required.

☐ Yes ☒ No Will water be delivered by watermaster? If yes, what district? _____

☒ 1/31/86 Date of priority recommended.

Special conditions of approval or cover letter. _____

By: RMA

Date: 3/27/86

STATE OFFICE REVIEW:

L17

26

☐ See attached sheet for more information.

By: KW

Date: 4/1/86

MICROFILMED

RECORDED

APR 01 1986