

BATES ADDITION

N.W. 1/4 N.W. 1/4 SEC. 35, T51N, R4W, B.M.
CITY OF COEUR D'ALENE, KOOTENAI COUNTY, IDAHO

Book F, Page 1
LEGEND

Center of Section.

Quarter Corner.



Found monument as shown.

Set 1/2" x 24" I.R. w/ cap mo

"City of CD A L.S. 4006"

Set 5/8" x 30" I.R. w/ cap mo

"City of CD A L.S. 4006"

Initial Point set 5/8" x 30" I

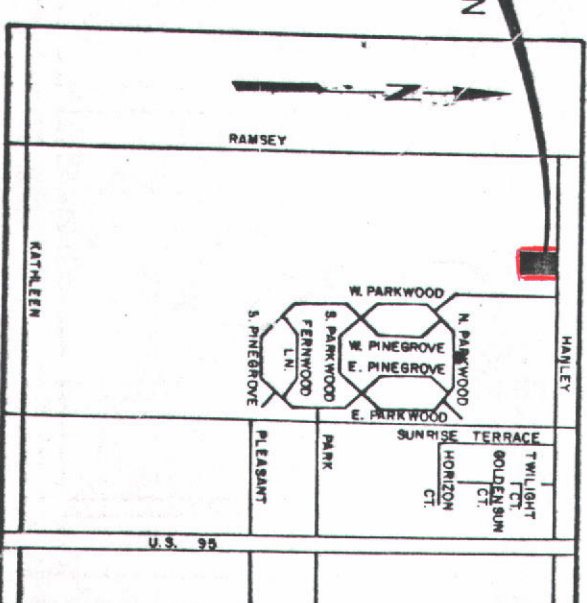
w/ 2" alum. marked "Initial

Bates Addition

SCALE: 1"=100'

0 50' 100'

BATES ADDITION



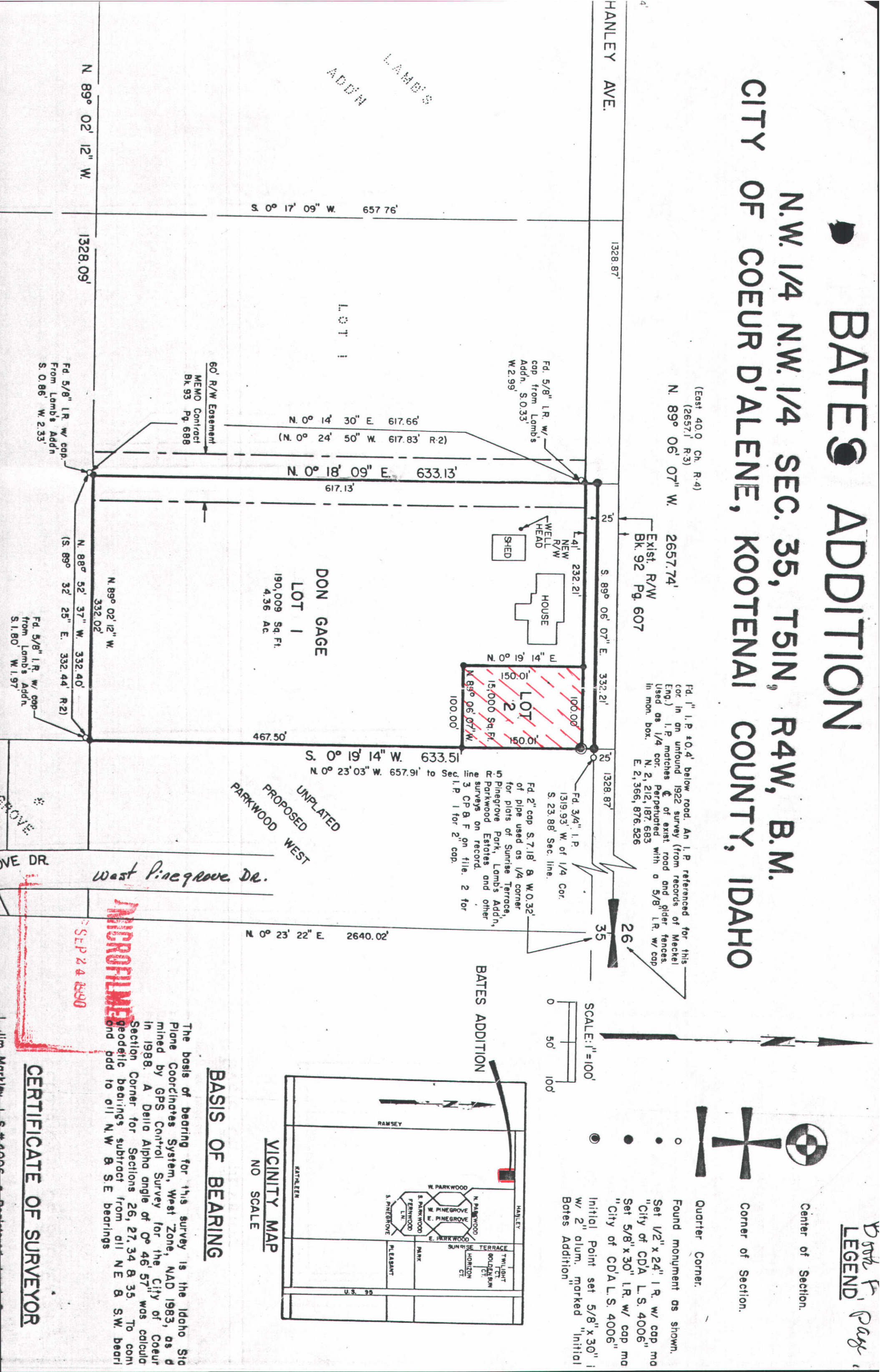
VICINITY MAP
NO SCALE

BASIS OF BEARING

The basis of bearing for this survey is the Idaho State Plane Coordinates System, West Zone, NAD 1983, as defined by GPS Control Survey for the City of Coeur d'Alene in 1988. A Delta Alpha angle of 0° 46' 57" was calculated. Section Corner for Sections 26, 27, 34 & 35. To compute geodetic bearings, subtract from all NE & SW bearings add to all NW & SE bearings.

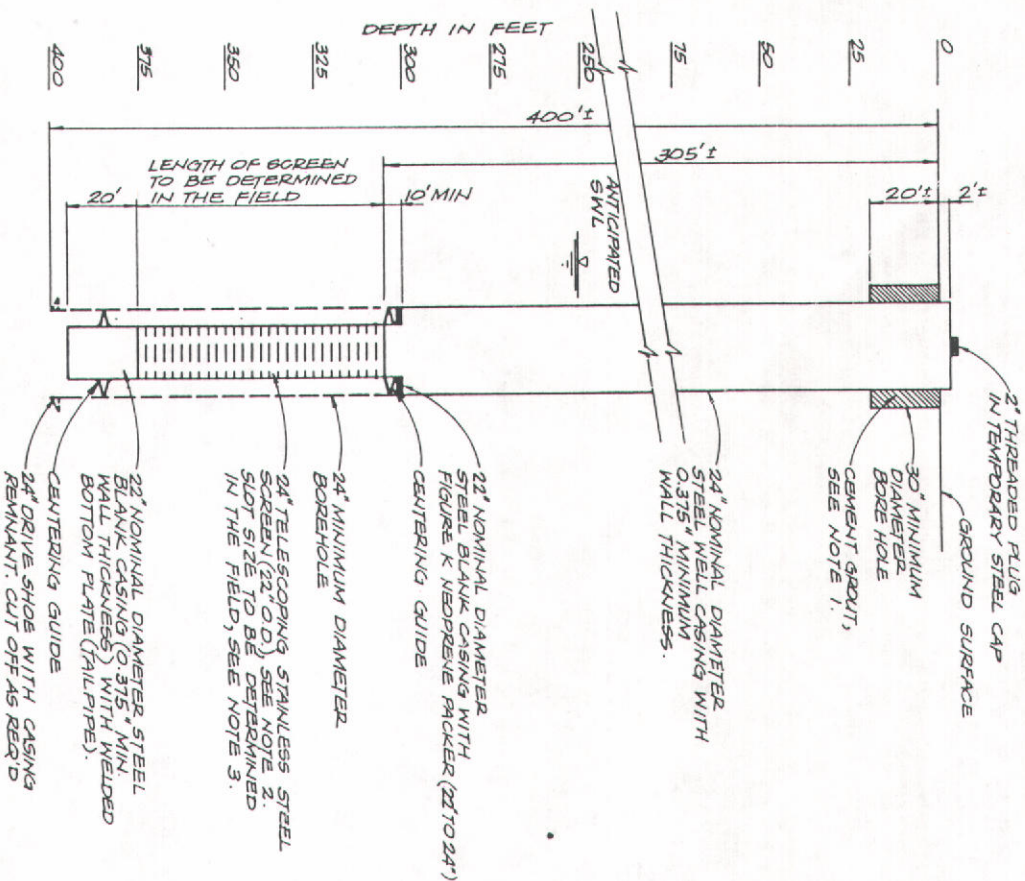
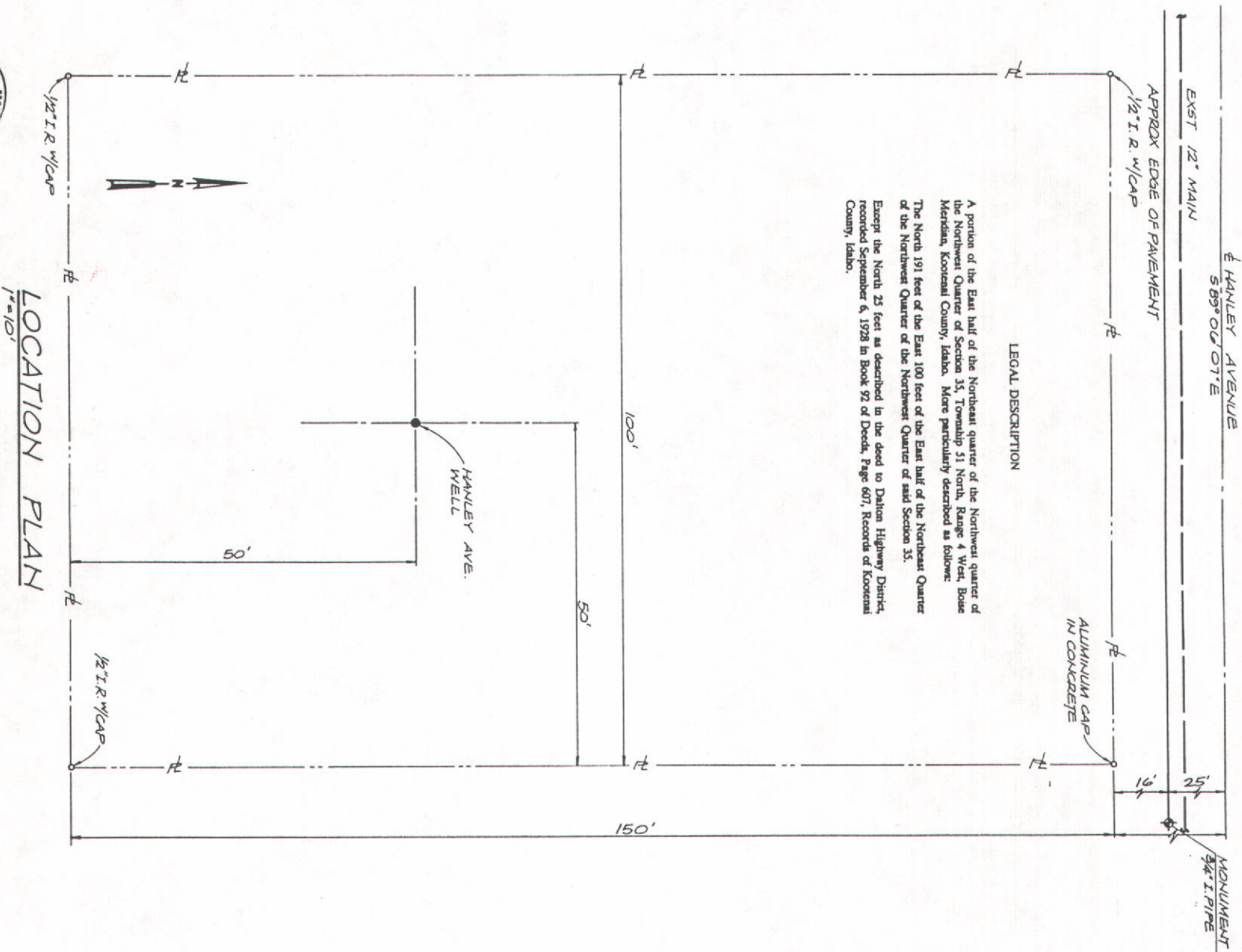
SEP 24 1990
MICROFILMED

CERTIFICATE OF SURVEYOR



DESIGNED BY	DRAWN BY	CHECKED BY

OVERLAY IDENTIFICATION	COMPOSITE	FORMAT	FRAME	FILM	RE	PRINTED	18	15
PROJ NO.	OVERLAY							
CONTRACT	SCREEN							



- NOTES:
1. MIXTURE OF WATER AND CEMENT IN THE RATIO OF NOT MORE THAN 1 GALLON OF WATER TO A 94 LB BAG OF PORTLAND CEMENT TYPE I OR II CONFORMING TO ASTM C150. 3 TO 5 LBS. OF CEMENT MAY BE ADDED PER BAG OF CEMENT AND THE WATER INCREASED TO NOT MORE THAN 6.5 GALLONS PER BAG.
 2. SCREEN SHALL BE CONTINUOUS-SLOT TYPE AS MFR. BY U.O.P. JOHNSON, COOKS, OR EQUAL. SLOT SIZE TO BE DETERMINED IN THE FIELD ACCORDING TO SIEVE ANALYSIS OF FORMATION SAMPLES.
 3. SIEVE ANALYSIS OF FORMATION SAMPLES.

SEP 24 1990

WELL PROFILE
NTS



DESIGN: J. L. HARRIS
DR. R. MORGAN
CHK. J. CORRELL
NO. DATE

REVISION

BY APD

REUSE OF DOCUMENTS

THIS DOCUMENT, AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, IS THE PROPERTY OF CH2M HILL AND IS NOT TO BE USED IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF CH2M HILL.

VERIFY SCALES

BAG IS ONE INCH ON ORIGINAL DRAWING. IF NOT ONE INCH ON THIS SET, ADJUST SCALES ACCORDINGLY.

CITY OF COEUR D'ALENE

COEUR D'ALENE, IDAHO

WELL SITE LOCATION PLAN AND WELL PROFILE

SHEET 2

DWG NO.

DATE FEB 1990

PROJ NO. SE428089.81

D. FLOW MEASUREMENTS

1

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

Well or Diversion Identification No. *	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
	Byron Jackson	450	911 5 0409		17 mol 4 5tg Sub.

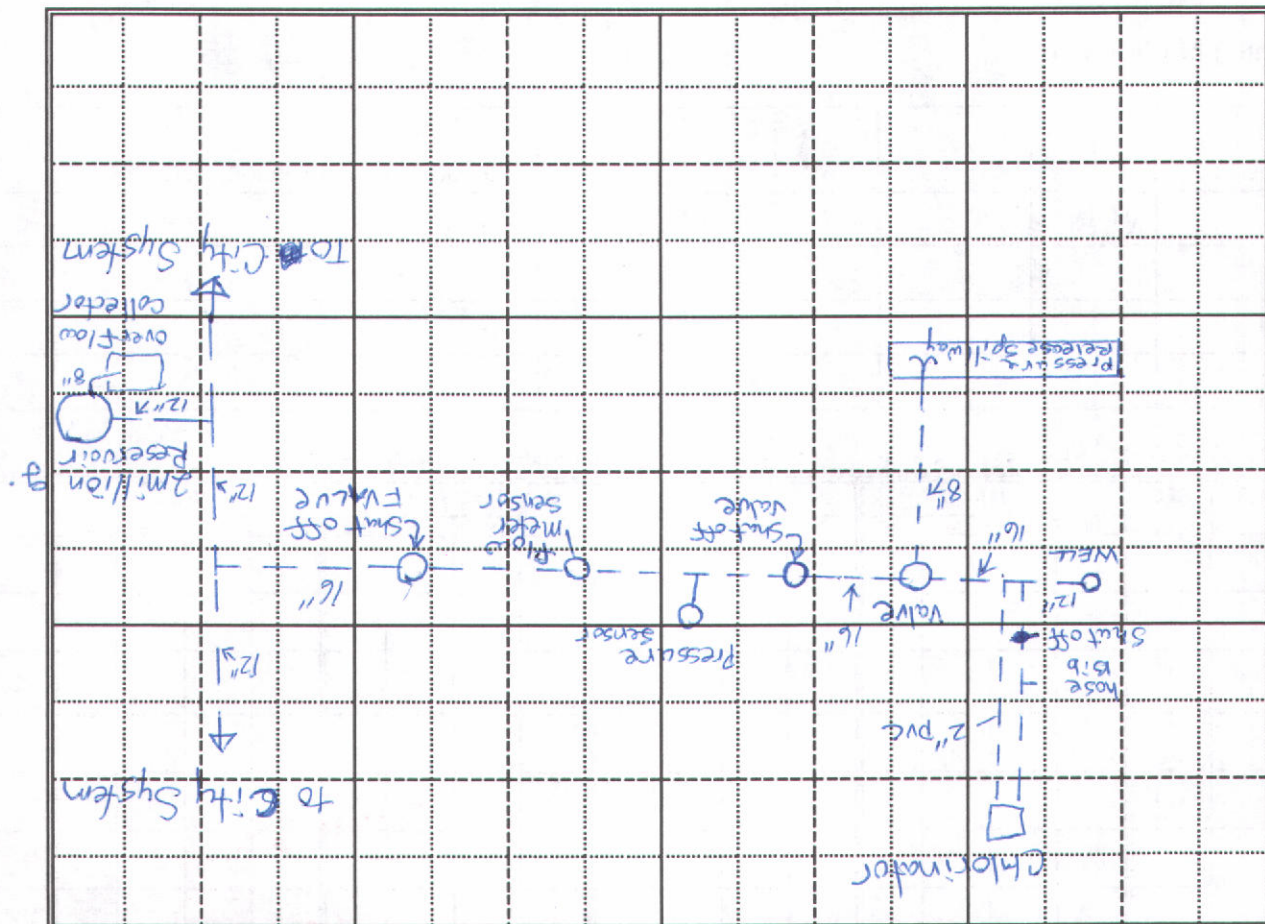
५.

Copy of USGS 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)

Photo of Diversion and System Attached

Scale: $T = \frac{N}{S}$



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

2679 IV SE
(HAYDEN)

15

47°30'

SANDPOINT 41 MI.
HAYDEN 0.5 MI.

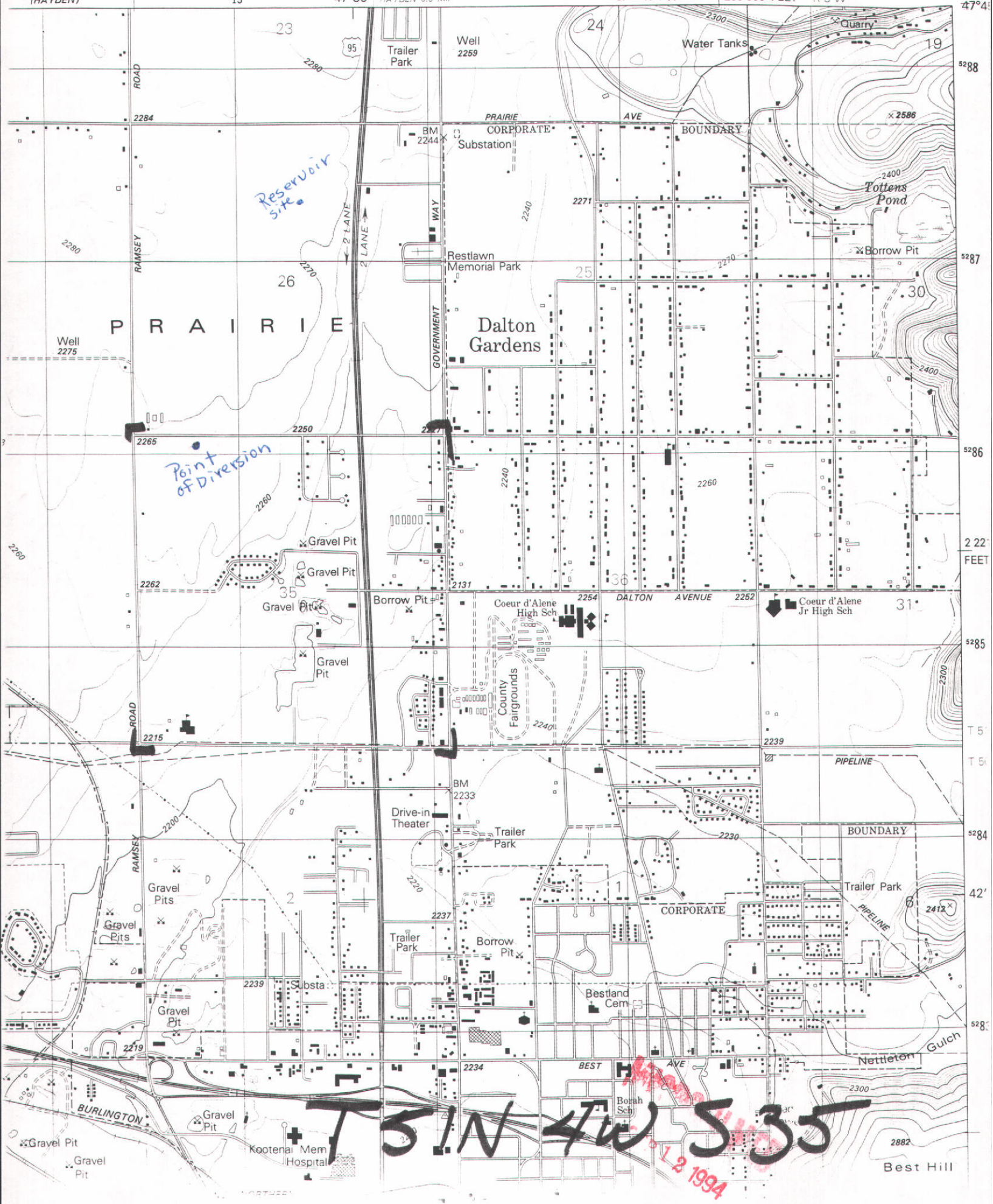
17

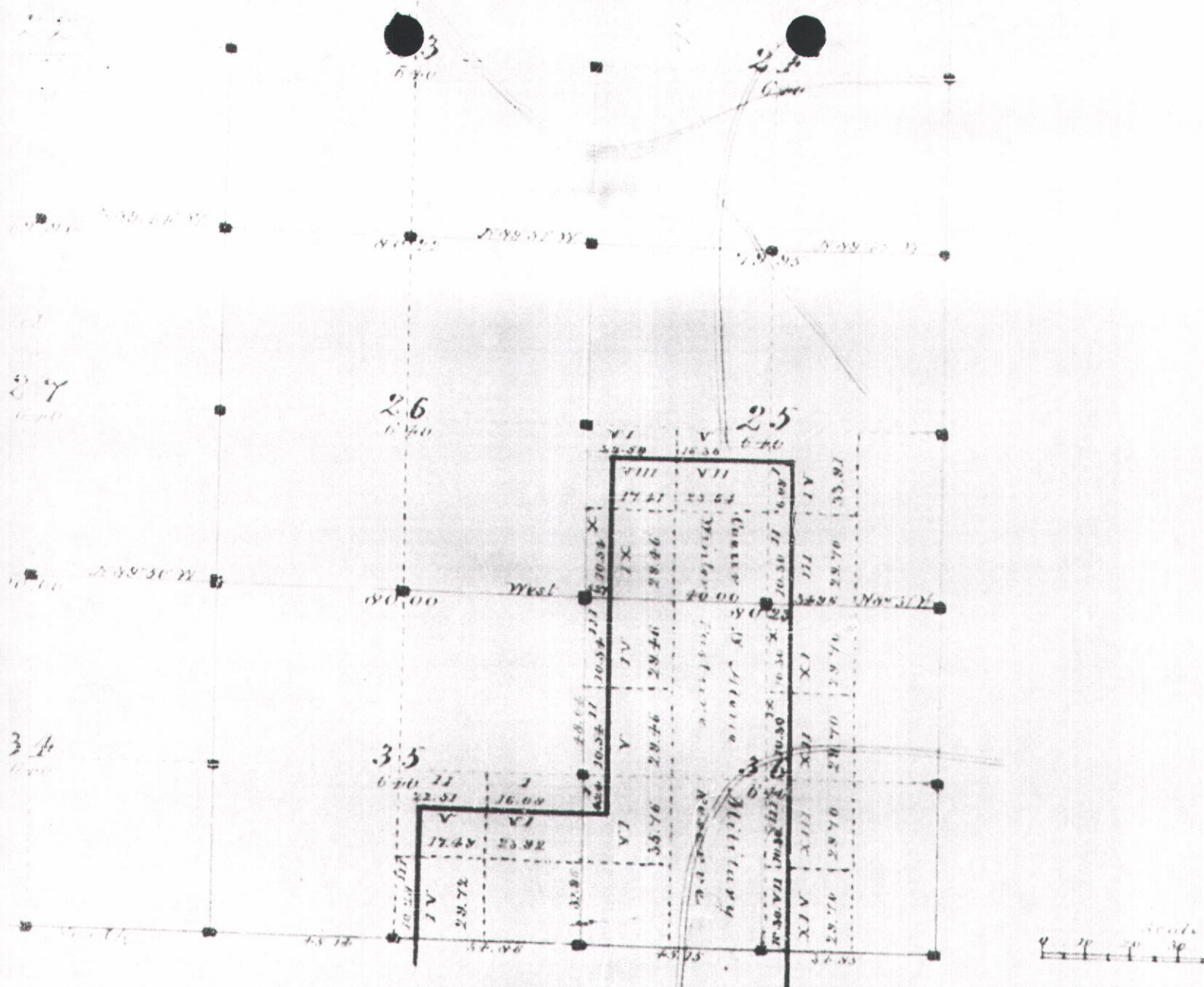
R 3 W

250 000 FEET R 3 W

116°45'

47°45'





51N 4W 35

Total number of Acres 23,053.12

Magnetic Declination

750' to 23,053' East

750' to 22,30' East

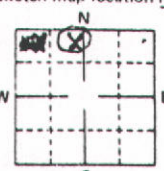
The above Map of Township
Boise Meridian Territory of
Field notes of the survey thereof
been examined and approved
U.S. Surveyor General's Office
Boise City, Idaho Territory
July 23^d 1891

RECORDED
SEP 12 1894

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCESUSE TYPEWRITER OR
BALLPOINT PEN

WELL DRILLER'S REPORT

State 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>CITY OF COEUR D'ALENE</u> Address <u>COEUR D'ALENE IDAHO</u> Owner's Permit No. <u>95-90-N-16</u>		7. WATER LEVEL Static water level <u>254</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>48</u> OF. Quality <u>GOOD</u> Describe artesian or temperature zones below																																																																																																																							
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 ☐ Bailor ☐ Air ☐ Other																																																																																																																							
3. PROPOSED USE ☐ Domestic ☐ Irrigation ☐ Test ☒ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection ☐ Other _____ (specify type)		<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>1500</u></td><td><u>252' 8"</u></td><td><u>2</u></td></tr><tr><td><u>2500</u></td><td><u>251' 1"</u></td><td><u>4</u></td></tr><tr><td><u>3700</u></td><td><u>249' 6"</u></td><td><u>6</u></td></tr><tr><td><u>6000</u></td><td><u>248' 3"</u></td><td><u>8</u></td></tr></tbody></table>		Discharge G.P.M.	Pumping Level	Hours Pumped	<u>1500</u>	<u>252' 8"</u>	<u>2</u>	<u>2500</u>	<u>251' 1"</u>	<u>4</u>	<u>3700</u>	<u>249' 6"</u>	<u>6</u>	<u>6000</u>	<u>248' 3"</u>	<u>8</u>																																																																																																							
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5. WELL CONSTRUCTION Casing schedule: ☒ Steel ☐ Concrete ☐ Other Thickness _____ Diameter _____ From _____ To _____ <u>3.75</u> inches <u>24</u> inches <u>2</u> feet <u>287</u> feet <u>3.75</u> inches <u>22</u> inches <u>280</u> feet <u>290</u> feet <u>3.75</u> inches <u>22</u> inches <u>340</u> feet <u>360</u> feet 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 _____ inches by _____ inches Number _____ From _____ To _____ perforations _____ feet _____ feet perforations _____ feet _____ feet perforations _____ feet _____ feet Well screen installed? ☒ Yes ☐ No Manufacturer's name <u>JOHNSON</u> Type <u>STAINLESS</u> Model No. <u>TELESCOPE</u> Diameter <u>2 1/2</u> Set from <u>290</u> feet to <u>320</u> feet Diameter <u>2 1/2</u> Set from <u>320</u> feet to <u>335</u> feet Gravel packed? ☐ Yes ☒ No ☐ Size of gravel <u>3/40</u> Placed from _____ feet to _____ feet Surface seal depth <u>40</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 <u>2" PIPE WITH CAP</u>		SHOE WAS CUT OFF AT 363 FT HOLE BACKFILLED TO 360 FT WITH AGGREGATED PEA GRAVEL RECEIVED JUL 20 1990 NORTHERN REGION IDWR																																																																																																																							
6. LOCATION OF WELL Sketch map location must agree with written location.  Subdivision Name _____ Lot No. _____ Block No. _____ County <u>KOOTENAI</u> <u>NE 1/4 NW 1/4 Sec. 35, T. 51 N., R. 4 E.</u>		10. Work started <u>MARCH 19</u> finished <u>JUNE 16 1990</u>																																																																																																																							
11. DRILLERS CERTIFICATION I/We certify that all minimum well construction standards were complied with at the time the rig was removed. Firm Name <u>HOLMAN DRILLING</u> Firm No. <u>108</u> Address <u>E3410 9TH AVE</u> Date <u>JULY 15 90</u> <u>SANITARY WA 99202</u> Signed by (Firm Official) <u>Arnold E. Holman</u> Pres. and (Operator) <u>Arnold E. Holman</u>		RECEIVED JUL 20 1990 NORTHERN REGION IDWR SEP 12 1990																																																																																																																							

95-08647



delivery
system



overflow
spillway



Reservoir
175'h x 44' diameter

APPROVED

SEP 12 1994

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 95-08647

Priority: March 19, 1990

Maximum Diversion Rate:

7.30 CFS

This is to certify, that CITY OF COEUR D ALENE

710 E MULLAN AVE

COEUR D ALENE ID 83814-3958

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated March 19, 1990; and has submitted Proof of Beneficial Use on June 10, 1992. An examination indicates that the works have a diversion capacity of 7.300 cfs of water from a GROUNDWATER source, and a water right has been established as follows:

BENEFICIAL USE

PERIOD OF USE

RATE OF DIVERSION

ANNUAL VOLUME

MUNICIPAL

01/01 to 12/31

7.30 CFS

LOCATION OF POINT(S) OF DIVERSION:

NENWNW , Sec. 35, Township 51N, Range 04W
KOOTENAI County

PLACE OF USE: See Remarks

CONDITIONS/REMARKS:

1. This water right is appurtenant to the described place of use.
2. This right is subject to all prior water rights and may be forfeited by five years of non-use.
3. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
4. Place of use is located within the city limits of Coeur d'Alene.

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 30TH day of AUGUST, 1994.

Acting for  R. Keith Higginson, Director

SEP 12 1994

RECEIVED
JUN 1 0 1992

For Office Use Only
Amt. of Fee \$ 275.00
Date 6-10-92
Receipt No. C024465
Received by [Signature]

Department of Water Resources

STATE OF IDAHO
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.

Permit No. 95-08647 Telephone No. 208-769-2210

Name(s) of Permit Holder(s): CITY OF COEUR D'ALENE

Post Office Address: 710 E. MULLAN AVENUE Coeur d'Alene, ID 83814-3958

Source of Water: GROUND WATER RATHDRUM PRARIE AQUIFER

If ground water, well driller's name: HOLMAN DRILLING Date drilled: JULY 15, 1990

Extent of Use:
Domestic 8619 (No. of households) Irrigation _____ (No. of acres)
Stockwater _____ (No. and type of stock) Other COMMERCIAL & GOVERNMENT 1222
municipal

Total rate and/or volume for which proof is submitted 7.01-8 cfs _____ acre/feet

Show date water was first diverted and beneficially used under this permit: 4-30-92

One of the following may be a condition of approval of your permit:

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

OR

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

Fee Enclosed: \$ 275.00 (See License Examination Fee Schedule)

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

RALPH CAPUAL OR LARRY PATTON 769-2210
Name Telephone No.
710 E. MULLAN AVENUE COEUR D'ALENE, IDAHO 83814
Address

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.

6/8/92 City of Coeur d'Alene Water Dept.
Date Signature (and title if on behalf of a company or organization)
Darryl Patton Assistant superintendent

STATE OF IDAHO

For Office Use Only

\$15 FEE Received by 71091Date 71091Receipt # 0021125

DEPARTMENT OF WATER RESOURCES

JUL 10 1991

REQUEST FOR EXTENSION OF TIME

TO PROVIDE ADDITIONAL TIME IN WHICH TO SUBMIT PROOF OF
BENEFICIAL USE FOR A WATER RIGHT PERMIT

Department of Water Resources

The Idaho Department of Water Resources will consider this form as a request that the permit holder(s) be granted an additional period of time in which to complete development of a water right under the provisions of Section 42-204, Idaho Code.

Permit No. 95-08647Name(s) of Permit Holder: CITY OF COEUR D'ALENE, IDAHOPost Office Address: EAST 710 MULLAN AVENUE, COEUR D'ALENE, IDAHO 83814-3958Telephone No. (208)667-9533Date Proof is Due: September 1, 1991

Describe what work has been completed toward the development of this water right: Land purchased, well dug
(This must be filled out! If no work has been completed, show "none".)

and test pumped, pump discharge piping installed from City main to well head, plus pumphouse building is approximately 50% completed.

Costing \$ _____

The permit holder(s) has been unable to complete the remainder of the work for the following reasons:

There was an approximate 3 month delay in starting due to having to re-bid project asfirst bids came in too high. The project would still have been completed on time, exceptdelivery on pump and starter panel won't be till first of September, so total completion may
be in October, 1991.Permit holder(s) request an extension to September 1, 1992.
(1 yr. minimum)

City of Coeur d'Alene Water Dept
By Ralph J. Chapman
(Signature)*

FEE: \$15.00

*IF OTHER THAN PERMIT HOLDER,
POWER OF ATTORNEY MUST BE SUPPLIED.

ACTION OF THE DEPARTMENT OF WATER RESOURCES

AUG 09 1991

IT IS HEREBY ORDERED that the above request for extension of time be APPROVED and the time within which to submit proof of beneficial use is extended to September 1, 1992.

Signed this 15th day of July, 19 91.

R. Glen Saxton
Chief, Water Allocation Bureau

State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 95-08647

Proposed Priority: March 19, 1990 Maximum Diversion Rate: 8.92 CFS
This is to certify, that CITY OF COEUR D ALENE

710 E. MULLAN AVE.

COEUR D ALENE, ID 838143958

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

BENEFICIAL USE

PERIOD OF USE

RATE OF DIVERSION

MUNICIPAL

01/01 to 12/31

8.92 CFS

LOCATION OF POINT(S) OF DIVERSION:

NENWNW

Sec. 35, Township 51N, Range 04W
KOOTENAI County

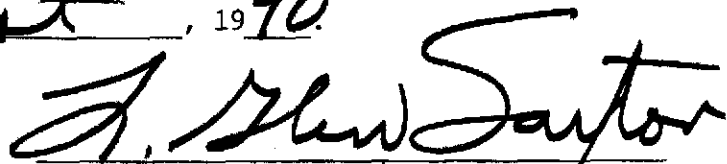
PLACE OF USE: See Remarks

CONDITIONS/REMARKS:

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before September 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. Prior to the diversion of water under this permit a flow measurement port or other device as specified by the Department shall be installed to provide for the installation of measuring equipment and the determination of the rate of diversion by the Department.
5. Place of use located within city limits of Coeur d'Alene.

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

13th day of August, 1990.

for 
R. Keith Higginson, Director

MICROFILMED

SEP 24 1990

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

Ident. No. 95-8647

To appropriate the public waters of the State of Idaho

1. Name of applicant City of Coeur d'Alene Phone (208)667-9533
Post office address 710 East Mullan Avenue, Coeur d'Alene, ID 83814-3958

2. Source of water supply Groundwater which is a tributary of NA

3. Location of point of diversion is NE $\frac{1}{4}$ of NW $\frac{1}{4}$ of NW $\frac{1}{4}$, Govt. Lot _____
Sec. 35 Township 51N Range 4W B.M. Kootenai County; additional
points of diversion if any: none

4. Water will be used for the following purposes:

Amount 8.92 for Municipal purposes from Jan 1 to Dec 31 (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)

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

5. Total quantity to be appropriated is (a) 8.92 and/or (b) N/A
cubic feet per second acre feet per annum

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. Well with submersible pump.

b. Height of storage dam N/A 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 24 inches; proposed depth of well is 400+/- 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 beneficial use is
1 year years (minimum 1 year).

MICROFILMED

SEP 24 1990

אורח חיים

N/A

b. Who owns the land to be irrigated or place of use? N/A

11. a. Who owns the property at the point of diversion? City of Coeur d'Alene

10. Describe any other water rights used for the same purposes as described above. City has four (4) other wells; Locust Street, Linden, Atlas and Fourth Street

Total number of acres to be irrigated

TWP	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼			
			NE%	NW%	SW%	SE%	NE%	NW%	SW%	SE%	NE%	NW%	SW%	SE%	NE%	NW%	SW%	SE%

See enclosed Figure 1, SYSTEM IMPROVEMENTS for area of use

ponding place of use below. See instructions for standard symbols.

b. If water is used for other purposes, place a symbol of the use (example: *D for Domestic*) in the corresponding column.

a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.

9. Description of place of use: City of Los Angeles - TDK 3/30/90

e. Other; describe fully.

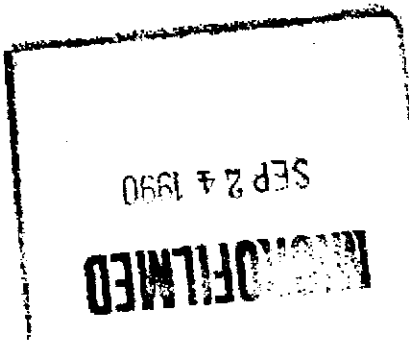
d. Domestic; show number of households.

c. Municipal; show name of municipality. ~~City of Coeur d'Alene~~

b. Stockwatering; list number and kind of livestock.

a. Hydropower; show total feet of head and proposed capacity in kW.

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



Received by Date 3/19/90 Time 2:00pm Preliminary check by TDK
Fee \$ 205.00 Received by # N3624 Date 3/15/90
Publication prepared by Date 3/28/90 Published in Date 4/5/90
Publication approved by Date 4/18/90

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 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 , 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:

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

Dist. F.
LEGEND
Page

Corner of Section.

Found monument as shown.

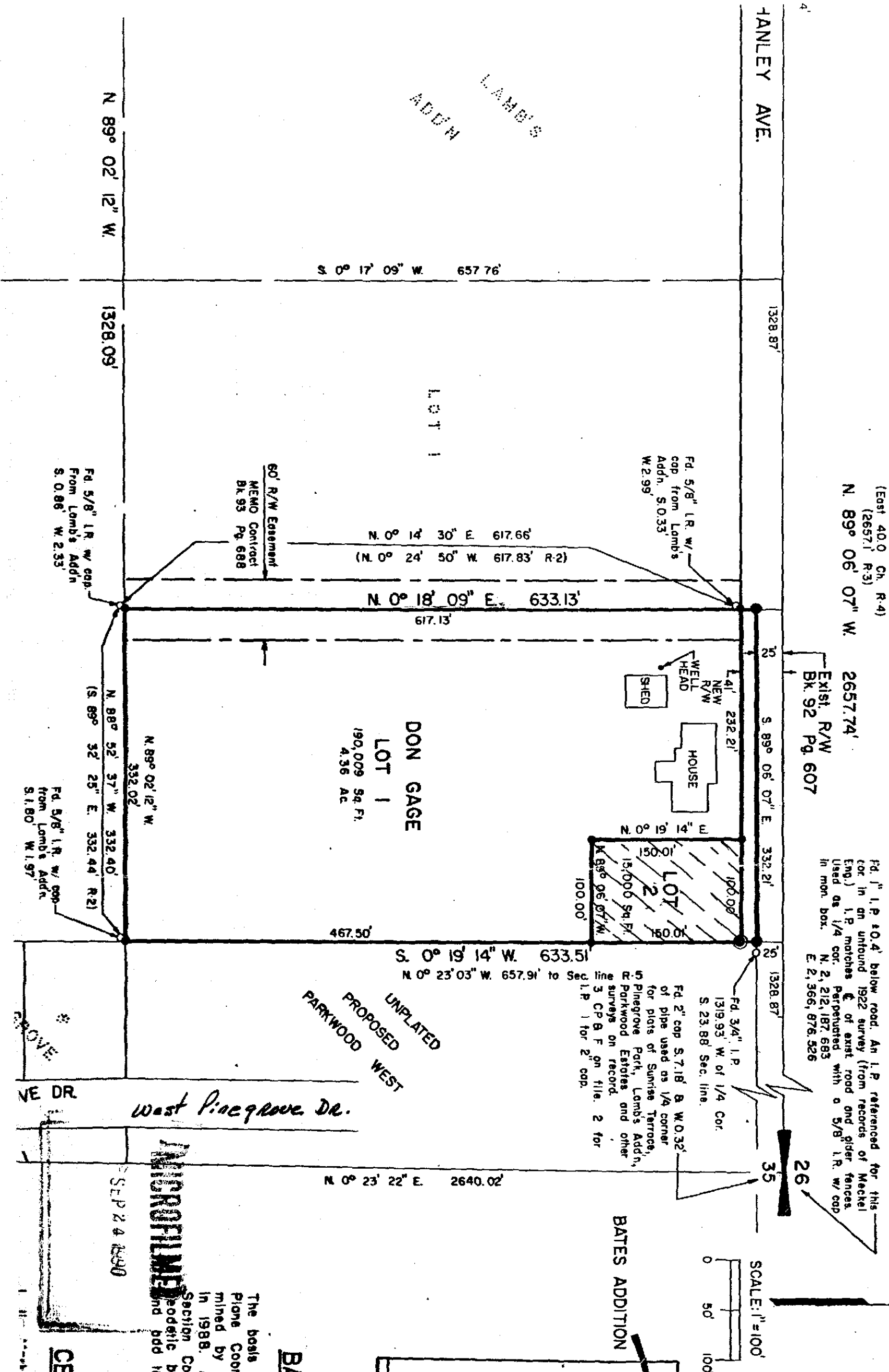
Set 5/8" x 30" I.R. w/ cop ma
"City of CD'A L.S. 4006"

Initial Point set 5/8" x 30" w/ 2" alum. marked "Initial
Bates Addition"



The basis of bearing for this survey is the Idaho State Plane Coordinates System, West Zone, NAD 1983, as determined by GPS Control Survey for the City of Coeur in 1988. A Delta Alpha angle of $0^{\circ} 46' 57''$ was calculated for Section Corner for Sections 26, 27, 34 & 35. To compare the bearings subtract from all NE & S.W. bearings add to all N.W. & S.E. bearings

CERTIFICATE OF SURVEYOR





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

August 31, 1994

CITY OF COEUR D ALENE
710 E MULLAN AVE
COEUR D ALENE ID 838143958

RE: WATER RIGHT NO. 95-08647

Dear Water Right Holder(s):

Enclosed herewith is a copy of the Water Right License issued on the above referenced permit. If you have any questions, please contact me within 10 days of receipt of this license.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jim Johnson', followed by a horizontal line.

JIM JOHNSON, Manager
Water Right Permits Section

JJ:dc

Enclosure

SEP 12 1994

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED

JUN 30 1994

Department of Water Resources

A. GENERAL INFORMATION

Permit No. 95-08647

1. Owner: City of Coeur d'Alene Phone No. (208) 667-9533
Current Address: 710 E. Mullan Ave, Coeur d'Alene ID 83814-3958

2. Accompanied by: Larry Patton EXAM DATE: 9/27/93

Address: Same Phone No. Same

Relationship to Permit Holder: Assistant Superintendent City of C d A Water dept.

3. Source: Ground water tributary to —

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 95-7142, 95-8565, 95-8672

2. Other water rights with the same point of diversion: None

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion:

Ident No.	Gov't Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
		NE	NW	NW	35	51N	04W	Kootenai	Map

2. Place(s) of Use: City of Coeur d'Alene

Indicate Method of Determination Map

TWP	RGE	SEC	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	

(BC)

2. Measurements: 3267 gpm
Pressure reading 46.8 psi
System is pumping from depth of 361 Feet

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Hershey Sparging					16"	
Mainline flow Meter						

D. FLOW MEASUREMENTS

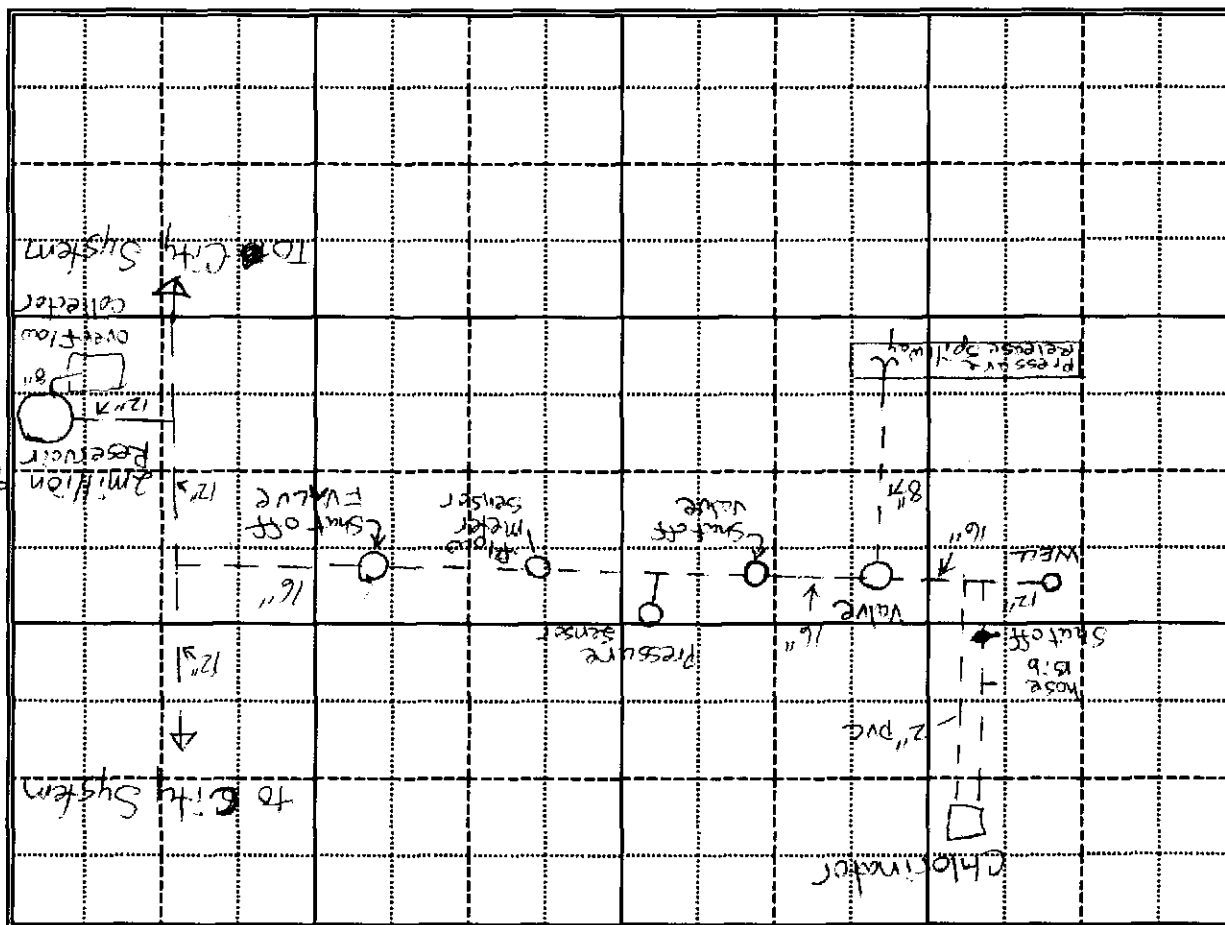
*Code to correspond with No. on map and aerial photo

Well or Diversion No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
	Byron Jackson	450	9115 0409		17 mol 4 5tg Sab.

4.

X Copy of USGS 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)
 X Photo of Diversion and System Attached

Scale: 1" = 100'



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

E. NARRATIVE/REMARKS/COMMENTS

Water is pumped from a well (24"x360') by a 45046 pump. Steel Pipe from the well starts at 12 inches and then increases to 16 inches. Water is carried to Chlorinator system by a 2 inch PVC pipe & then returned ~~to~~ through a 2 inch PVC pipe to main line before the first valve. The first valve on the main line serves as a pressure regulator. When the pump first starts-up, the valve opens slowly to prevent pressure surges on the system. Excess water escapes through an 8" steel pipe to a concrete spillway until valve is fully open. When pump shuts-down process is reversed. Water passing this valve passes a shut off valve, then a pressure meter sensor, past Flow meter sensor and then past a second shut-off valve to a "T." From this "T" one line ties in to City wide system and one goes to a second "T" which continues to other parts of the City wide system and also has a 2 way line that goes to a 2 million gallon reservoir. The reservoir has an 8" overflow pipe with a concrete spillway. Both pressure and Flow are determined by electronic sensors & sent to a command center where they have both a digital read-out and a printed record. Command center also reads-out pumping level.

Have conditions of permit approval been met? ☒ yes ☐ no

SEP 12 1994

F. FLOW CALCULATIONS

Measured Method:

$$3277 \text{ gpm} - 7.30 \text{ cfs} = 448.8 \text{ gpm/cfs}$$

Additional Computation Sheets Attached

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

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

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} =$$

2. Volume Calculations for Other Uses:

Municipal

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use

Municipal

Period of Use
From 1-1
To 12-31

Rate of Diversion
Q (cfs)
7.30 cfs

Annual Volume
V (ata)
Municipal

2. Recommended Amendments

Change P.D. as reflected above
Change P.U. as reflected above
Add P.D. as reflected above
Add P.U. as reflected above
None
Other

I. AUTHENTICATION

Field Examiner's Name
Date 10/18/93
Reviewer
Date

SEAL

2 1994

THEORETICAL PUMP EFFICIENCY CALCULATIONS

FILE: 95-08647

DATE: 27-SEP-93

COMPLETE BY: T.BRIGHT

HORSEPOWER = 450

PUMP EFFICIENCY = 77%

DYNAMIC LIFT = 261 FEET

SYSTEM PRESSURE = 67 PSI

QUANTITY = 7.31 CFS

RECEIVED
SEP 12 1994

2679 IV SE
(HAYDEN)

15

47°30'

SANDPOINT 41 MI.
HAYDEN 0.6 MI.

IDAHO-KOOLENAI CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NE/4 COEUR D'ALENE 15' QUADRANGLE

17

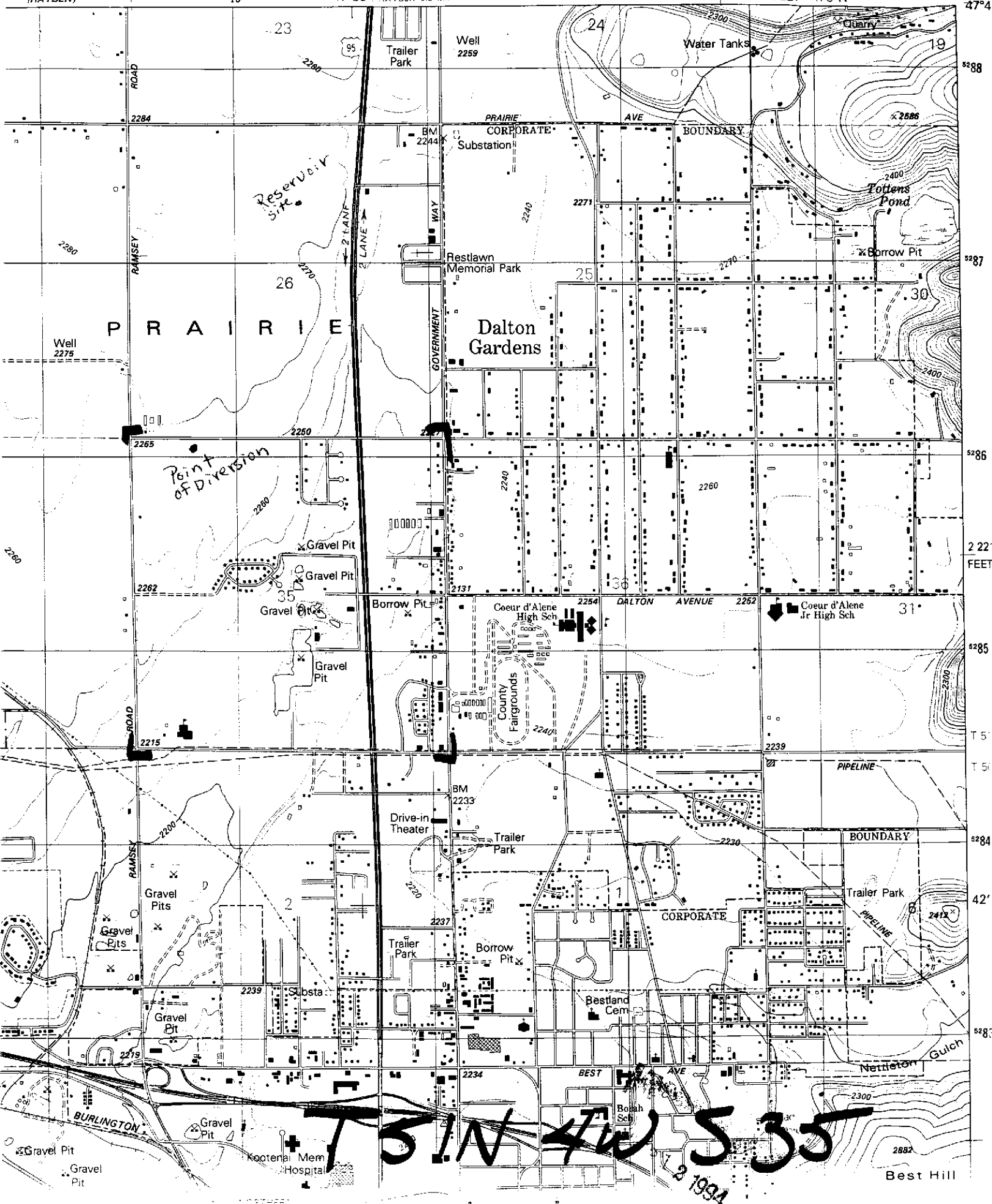
R 4 W

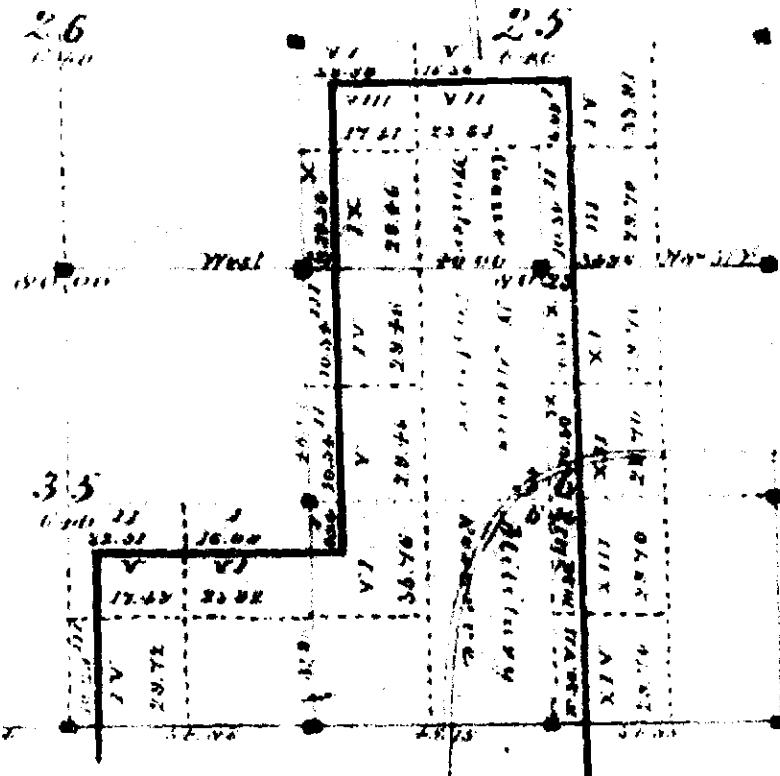
250 000 FEET

R 3 W

116°45'

47°4'





51N 4W 35 Total number of acres 22052.22

The above Map of Township
 Boise Meridian Territory at
 Field notes of the survey thereat
 were examined and approved
 U.S. Surveyor General's Office
 Boise City, Idaho Territory

SEP 12 1894

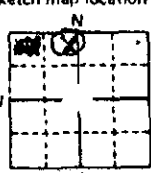
July 21 1893

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

USE TYPEWRITER OR
BALLPOINT PEN

WELL DRILLER'S REPORT

State 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 City of COEUR D'ALENE Address COEUR D'ALENE IDAHO Owner's Permit No. 95-90-N-16	7. WATER LEVEL Static water level 254 feet below land surface. Flowing? ☐ Yes ☒ No G.P.M. flow _____ Artesian closed-in pressure _____ p.s.i. Controlled by: ☐ Valve ☐ Cap ☐ Plug Temperature 48 OF. Quality Good Describe artesian or temperature zones below																																																																																																																
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 ☐ Bailor ☐ Air ☐ Other _____																																																																																																																
3. PROPOSED USE ☐ Domestic ☐ Irrigation ☐ Test ☒ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection ☐ Other _____ (specify type)	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Discharge G.P.M.</th> <th>Pumping Level</th> <th>Hours Pumped</th> </tr> <tr> <td>1500</td> <td>252' 8"</td> <td>2</td> </tr> <tr> <td>2500</td> <td>251' 1"</td> <td>4</td> </tr> <tr> <td>3700</td> <td>249' 6"</td> <td>6</td> </tr> <tr> <td>6000</td> <td>248' 3"</td> <td>8</td> </tr> </table>	Discharge G.P.M.	Pumping Level	Hours Pumped	1500	252' 8"	2	2500	251' 1"	4	3700	249' 6"	6	6000	248' 3"	8																																																																																																	
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4. METHOD DRILLED ☐ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary ☒ Cable ☐ Dug ☐ Other _____	9. LITHOLOGIC LOG <table border="1" style="width:100%; border-collapse: collapse;"> <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> <tr><td>30</td><td>0</td><td>41</td><td>GRAVEL & SAND 1 1/2" MINUS</td><td></td><td>X</td></tr> <tr><td>24</td><td>41</td><td>60</td><td>GRAVEL & SAND 1" MINUS</td><td></td><td>X</td></tr> <tr><td>24</td><td>60</td><td>87</td><td>GRAVEL & SAND 3" MINUS</td><td></td><td>X</td></tr> <tr><td>24</td><td>87</td><td>90</td><td>GRAVEL & SAND 1" MINUS</td><td></td><td>X</td></tr> <tr><td>24</td><td>90</td><td>161</td><td>GRAVEL & SAND 3" MINUS</td><td></td><td>X</td></tr> <tr><td>24</td><td>161</td><td>237</td><td>GRAVEL & SAND 2 1/2" MIN</td><td></td><td>X</td></tr> <tr><td>24</td><td>237</td><td>242</td><td>GRAVEL & SAND CEMENTED</td><td></td><td>X</td></tr> <tr><td>24</td><td>242</td><td>258</td><td>GRAVEL & SAND 4" MIN</td><td></td><td>X</td></tr> <tr><td>24</td><td>258</td><td>275</td><td>GRAVEL 1 1/2" MINUS</td><td></td><td>X</td></tr> <tr><td>24</td><td>275</td><td>279</td><td>BASALT BOLLDER</td><td></td><td>X</td></tr> <tr><td>24</td><td>279</td><td>308</td><td>GRAVEL 1 1/2" MINUS</td><td></td><td>X</td></tr> <tr><td>24</td><td>308</td><td>318</td><td>GRAVEL 6" MINUS</td><td></td><td>X</td></tr> <tr><td>24</td><td>318</td><td>340</td><td>GRAVEL 1" MINUS</td><td></td><td>X</td></tr> <tr><td>24</td><td>340</td><td>363</td><td>GRAVEL 1" MIN + CLAY</td><td></td><td>X</td></tr> <tr><td>24</td><td>363</td><td>371</td><td>FINE SAND + CLAY</td><td></td><td>X</td></tr> <tr><td>24</td><td>371</td><td>396</td><td>MED SAND + CLAY</td><td></td><td>X</td></tr> <tr><td>24</td><td>396</td><td>400</td><td>BLUE-GRAY CLAY + FINE SAND</td><td></td><td>X</td></tr> </table> SHOE WAS CUT OFF AT 363 FT HOLE BACKFILLED TO 300 FT WITH AGGREGATED PEA GRAVEL	Bore Diam.	Depth		Material	Water		From	To	Yes	No	30	0	41	GRAVEL & SAND 1 1/2" MINUS		X	24	41	60	GRAVEL & SAND 1" MINUS		X	24	60	87	GRAVEL & SAND 3" MINUS		X	24	87	90	GRAVEL & SAND 1" MINUS		X	24	90	161	GRAVEL & SAND 3" MINUS		X	24	161	237	GRAVEL & SAND 2 1/2" MIN		X	24	237	242	GRAVEL & SAND CEMENTED		X	24	242	258	GRAVEL & SAND 4" MIN		X	24	258	275	GRAVEL 1 1/2" MINUS		X	24	275	279	BASALT BOLLDER		X	24	279	308	GRAVEL 1 1/2" MINUS		X	24	308	318	GRAVEL 6" MINUS		X	24	318	340	GRAVEL 1" MINUS		X	24	340	363	GRAVEL 1" MIN + CLAY		X	24	363	371	FINE SAND + CLAY		X	24	371	396	MED SAND + CLAY		X	24	396	400	BLUE-GRAY CLAY + FINE SAND		X
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USE ADDITIONAL SHEETS IF NECESSARY - FORWARD THE WHITE COPY TO THE DEPARTMENT

SEP 12 1990

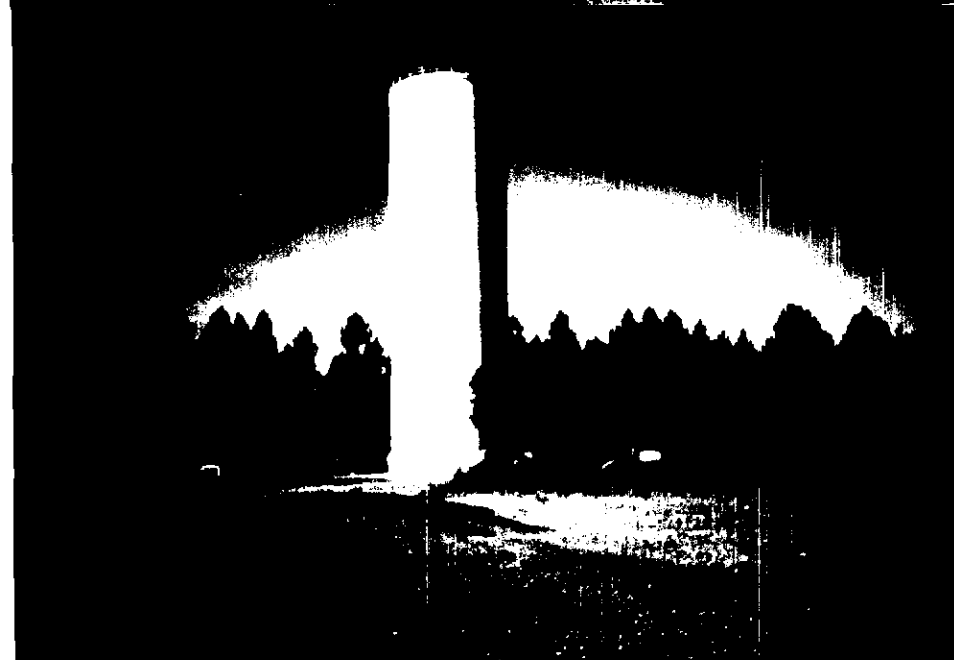
95-08647



delivery
system



over flow
spillway



Reservoir
175'h x 44' diameter

RECEIVED

SEP 12 1994

June 12, 1992

CITY OF COEUR D ALENE
710 E. MULLAN AVE.
COEUR D ALENE ID 838143958

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 95-08647

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,

Karen L. Gustafson
Secretary/Records Manager

c: IDWR - Region

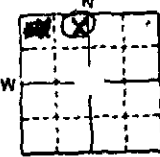
RECEIVED
JUN 29 1992

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

USE TYPEWRITER OR
BALLPOINT PEN

WELL DRILLER'S REPORT

State 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>CITY OF COEUR D'ALENE</u> Address: <u>COEUR D'ALENE IDAHO</u> Owner's Permit No.: <u>95-90-N-16</u>	7. WATER LEVEL Static water level: <u>254</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>48</u> °F. Quality: <u>Good</u> Describe artesian or temperature zones below																																																																																																																
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RECEIVED

JUL 20 1990

NORTHERN REGION
IDWR

1992

9/89

Drilling Permit No.

95-90-N-16

Water Right Permit No.

95-8647

Injection Permit No. _____

State of Idaho
Department of Water Resources

D R I L L I N G P E R M I T

RECEIVED
MAR 22 1990

Department of Water Resources

1. Applicant City of Coeur d'Alene, Idaho2. Mailing Address East 710 Mullan Avenue, Coeur d'Alene, ID 83814-3958Telephone (208)667-9533☒ Well Owner ☐ Well Operator ☐ Other, specify _____3. Proposed well location N.W. 1/4 N.W. 1/4, or Gov't lot No. _____,Sec. 35, Twp. T. 51 N., Rge. R. 4 W., County Kootenai,

Street Address of Well Site _____,

Lot, block and subdivision Lot 2, Bates Addition

4. Proposed use of well:

☐ Single family or stockwater use (less than 13,000 gallons per day)☐ Irrigation (more than 1/2 acre)☐ Monitoring - A well bore schematic and map is required for each well.
No. of proposed wells: _____☐ Other (describe fully) Municipal water well for Coeur d'Alene and vicinity.

5. Well construction information:

A. ☒ New well ☐ Deepen ☐ Replace - See Condition 9.B. Proposed surface diameter 24" Maximum depth 400'

C. Anticipated bottom hole temperature:

☒ 85°F or less (Cold water well)☐ 85°F to 212°F (Low temp. geothermal well)☐ 212°F or more (Geothermal well)6. Construction Start Date March 21, 1990Holman Drilling Corp., East 3410 9th, Spokane, WA., 992027. Anticipated Well Driller Mr. Arnold E. Holman, President

NOTE: The actual well driller must be identified prior to drilling.

8. Applicant's signature Ralph J. Tapaul Date 3/16/90Title City of Coeur d'Alene water superintendent
(Owner, Firm Representative, Other)

JUN 29 1992

ACT OF DEPARTMENT OF WATER RESOURCES

This Permit is Approved.

Date 3/19/90

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

GENERAL CONDITIONS:

1. The well must be constructed in compliance with the applicable statutes, specific conditions of approval shown on the water right permit, injection well permit, transfer or amendment and the rules and regulations of the Department for water appropriation, injection wells and well construction standards.
2. This drilling permit is valid for two (2) months from the above approval date for the start of construction and is valid for one (1) year from the approval date for completion of the well unless an extension has been granted.
3. This permit does not constitute the approval of the District Health Department or the Idaho Department of Health and Welfare which may be required before construction of this well.
4. The well shall be constructed by a driller currently licensed in the State of Idaho who must maintain a copy of the drilling permit at the drilling site.
5. Approval of this drilling permit does not authorize trespass on the land of another party.
6. This permit does not constitute other local, county, state or federal approvals which may be required for construction of a well.
7. This drilling permit does not represent a right to divert and use the water of the State of Idaho.
8. If a bottom hole temperature of 85°F or greater is encountered, well construction shall cease and the well driller and the well owner shall contact the Department immediately.
9. If this permit is for a replacement well, the well being replaced must be abandoned in accordance with Department Rules and Regulations.

SPECIFIC CONDITIONS:

The water from the well drilled under this permit cannot be used until a water right permit is obtained from the Idaho Department of Water Resources.

Robert G. Haynes
Signature of Authorized Department Representative

Regional Manager
Title

Receipt No. N 3619 Received by [Signature] Fee \$100.00 Date 3/16/90

EXTENSION OF DRILLING PERMIT

Extension approved by _____ Approval Date _____

This extension is good for 60 days beyond the above extension approval date 29 1992

RECEIVED

July 16, 1991

CITY OF COEUR D'ALENE
E 710 MULLAN AVENUE
COEUR D'ALENE, ID 83814-3958

Gentlemen:

Re: Permit No. 95-8647

Enclosed is a copy of the approved request for extension of time. The time within which to submit the proof of beneficial use is extended to September 1, 1992.

The extension request was granted based on due diligence. It is important to complete the development of the project under this permit in the time allowed by the extension request.

If you have questions, please contact me.

Sincerely,

RITA I. FLECK
Secretary/Records Manager

Enclosure

RECEIVED

AUG 09 1991

138868
June 30, 1991

CITY OF COEUR D ALENE
710 E. MULLAN AVE.
COEUR D ALENE, ID 838143958

PROOF DUE NOTICE

RE: PERMIT NO. 95-08647

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 September 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
AUG 09 1991

S T A T E O F I D A H O

DEPARTMENT OF WATER RESOURCES

Statehouse
Boise, Idaho 83720
(208) 327-7900
August 13, 1990

CITY OF COEUR D ALENE
710 E. MULLAN AVE.
COEUR D ALENE, ID 838143958

PERMIT APPROVAL NOTICE

RE: PERMIT NO. 95-08647

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.

Be sure to note the special condition requiring you to install a measuring device, or a flow measurement port to provide for the installation of measuring equipment by the Department. Enclosed please find a list of measuring device options, and specifications for the installation of the flow measurement port.

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

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SEP 24 1990

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

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SEP 3 1990

MEMORANDUM

TO: File No. 95-8647 in the Name of the City of Coeur d'Alene
FROM: Gary Spackman *Gary*
DATE: July 23, 1990

RE: Adequacy of Rule 4,5. Information

I have reviewed application for permit no. 95-8647. Although the city did not reply directly to a request for Rule 4,5. information, I find that their letter dated March 19, 1990, adequately addresses the concern I have regarding development. Of particular concern was possible local interference with neighboring property owners. This apparently has been resolved.

I recommend that we prepare the application for approval.

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SEP 24 1990



State 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

March 29, 1990

Divn. of Env. Quality
2110 Ironwood Pkwy. #101
Coeur d'Alene, Id. 83814

Re: 95-8647

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

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SEP 24 1990

Celebrate
IDAHO
1890-CENTENNIAL-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

March 20, 1990

City Of Coeur d'Alene
Water Department Superintendent
710 E. Mullan Ave.
Coeur d'Alene, Id. 83814

Re: Water Appropriation Application # 95-08647

Dear Mr. Ralph J. Capaul:

The Idaho Department of Water Resources acknowledges receipt of your Application For Permit To appropriate the Public Waters Of The State Of Idaho and have assigned to it the above referenced number. To assist us in providing you with prompt, accurate service, please refer to this number in all future matters concerning this application.

Your appropriation application is currently in the process of being advertised in the county newspaper. The 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, 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 the application can be approved or denied, 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 would normally be forwarded to the main office in Boise for a complete review and approval or denial. However before the application can be forwarded to Boise, you must supply this department with the following additional information:

Item #13: Two of the maps which you have provided show three different locations for the well. Since I have personal knowledge of the proposed location, I am returning the erroneous maps and requesting corrected copies.

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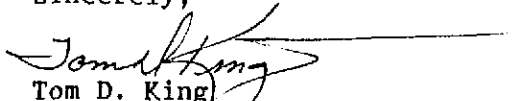
SEP 24 1990

Mr. Ralph J. Capaul
Page Two
March 20, 1990

These maps must be submitted 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. The time limit may be extended upon request and showing of good cause that additional time is required for submittal of the information.

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: Maps

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SEP 24 1990

AFFIDAVIT OF PUBLICATION

STATE OF IDAHO,
County of Kootenai,

} ss.

Julia Jacobs

being first duly sworn
upon oath deposes and says:

1. I am now and at all times hereinafter mentioned was a citizen of the United States, resident of the State of Idaho, over the age of twenty-one years and not a party of the above entitled action.

2. I am now and at all times hereinafter mentioned was the printer (principal clerk) of the "Coeur d'Alene Press," a newspaper printed and published daily except Sunday in Coeur d'Alene, Kootenai County, Idaho, and having a general circulation in said county.

3. The

Legal Notice

of which the annexed is a printed copy, was published in the regular *Thurs.* issue of said newspaper for *2* consecutive *weeks* commencing on the *5th* day of *April*, 19*90*, and ending on the *12th* day of *April*, 19*90*, and such publication was made as often during said period as said *Daily* newspaper was regularly issued.

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

Subscribed and sworn to before me this

Julia Jacobs

12th day of *April*

19*90*

Roberta Manley

Notary Public for the State of Idaho,
residing at Coeur d'Alene, Idaho.

ROBERTA MANLEY

My commission expires *9-3-93*

NOTICE OF APPLICATION FOR WATER RIGHT

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

95-08646

BLACK EAGLE, GARY
HOWARD, MILOW
BOX 1278

HAYDEN, ID 83835

Source: GROUNDWATER

Diversion Pt: SESE Sec 17 T 51N R 04W

Use: IRRIGATION (.200 CFS);

DOMESTIC (.040 CFS); Totl Diversion:

(.200 CFS)

Date Filed: 3/19/1990

In: T51N R04W S17 SESE

15.0 ACRES TOTAL

95-08647

CITY OF COEUR D'ALENE

710 E. MULLAN AVE.

COEUR D'ALENE, ID 838143958

Source: GROUNDWATER

Diversion Pt: NENWNW Sec 35 T 51N R
04W

Use: MUNICIPAL (8.920 CFS); Total
Diversion: (8.920 CFS)

Date Filed: 3/19/1990

In: WITHIN THE CITY LIMITS OF
COEUR D'ALENE.

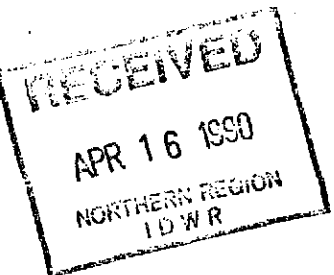
For additional information concern-
ing the property location, call the
Northern Regional office at 765-4639.

The permit(s) will be subject to all
prior water rights. Protests must be filed
with the Director, Dept. of Water Re-
sources, Northern Region, 1910
Northwest Blvd., Suite 210, Coeur
d'Alene, Idaho 83814 on or before APRIL
23, 1990.

R. KEITH HIGGINSON, Director

Legal 617

April 5, 12, 1990



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SEP 24 1990

95-08647

CITY OF COEUR D ALENE
710 E. MULLAN AVE.
COEUR D ALENE, ID 838143958

Source: GROUNDWATER

Diversion Pt: NENWNW Sec 35 T 51N R 04W

Use: MUNICIPAL (8.920 CFS)
Total Diversion: (8.920 CFS)

Date Filed: 3/19/1990

In: WITHIN THE CITY LIMITS OF COEUR D ALENE.

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SEP 24 1990

March 19, 1990

Mr. Bob Haynes
Idaho Department of Water Resources
1910 Northwest Boulevard, Suite 210
Coeur d'Alene, ID 83814

Dear Mr. Haynes:

Subject: Drilling Permit, Hanley Well

The City of Coeur d'Alene is requesting a drilling permit be issued for the Hanley Avenue Well prior to the approval of the Application for Permit to appropriate Public Waters of the State of Idaho. New development in the northern portion of the City of Coeur d'Alene has created a need for a municipal water supply well in that area. The well will serve the residential, commercial, and fire protection needs of the area.

Approval of the drilling permit is requested because the City believes criteria used to determine approval of the appropriation permit will be met.

- The Rathdrum Prairie Aquifer is well known for its productivity. Wells to the north and south currently produce 4000 gallons per minute (gpm) and adequate groundwater supplies are expected at this site.
- A verbal agreement has been made with the neighboring property owner concerning future operation of his domestic supply well. The proposed Hanley Avenue well should not adversely affect other wells that are more distant in the area.
- The City of Coeur d'Alene has the financial resources to complete this project. Funds for this project are in the current year's capital expenditures budget.
- The City intends to use this new well to supply municipal water to users in the City of Coeur d'Alene immediately.

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SEP 24 1990

Mr. Bob Haynes
Page 2
March 19, 1990

- Use of this new well will enable the City to supply required water utilities for current and future development.

The City requests that the drilling permit be issued so the drilling can begin. The City will supply additional information as needed to complete the water appropriation permitting process.

Sincerely,

*Ralph J. Capaul, Superintendent
City of Lenoir
Water Dept.*

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SEP 24 1990