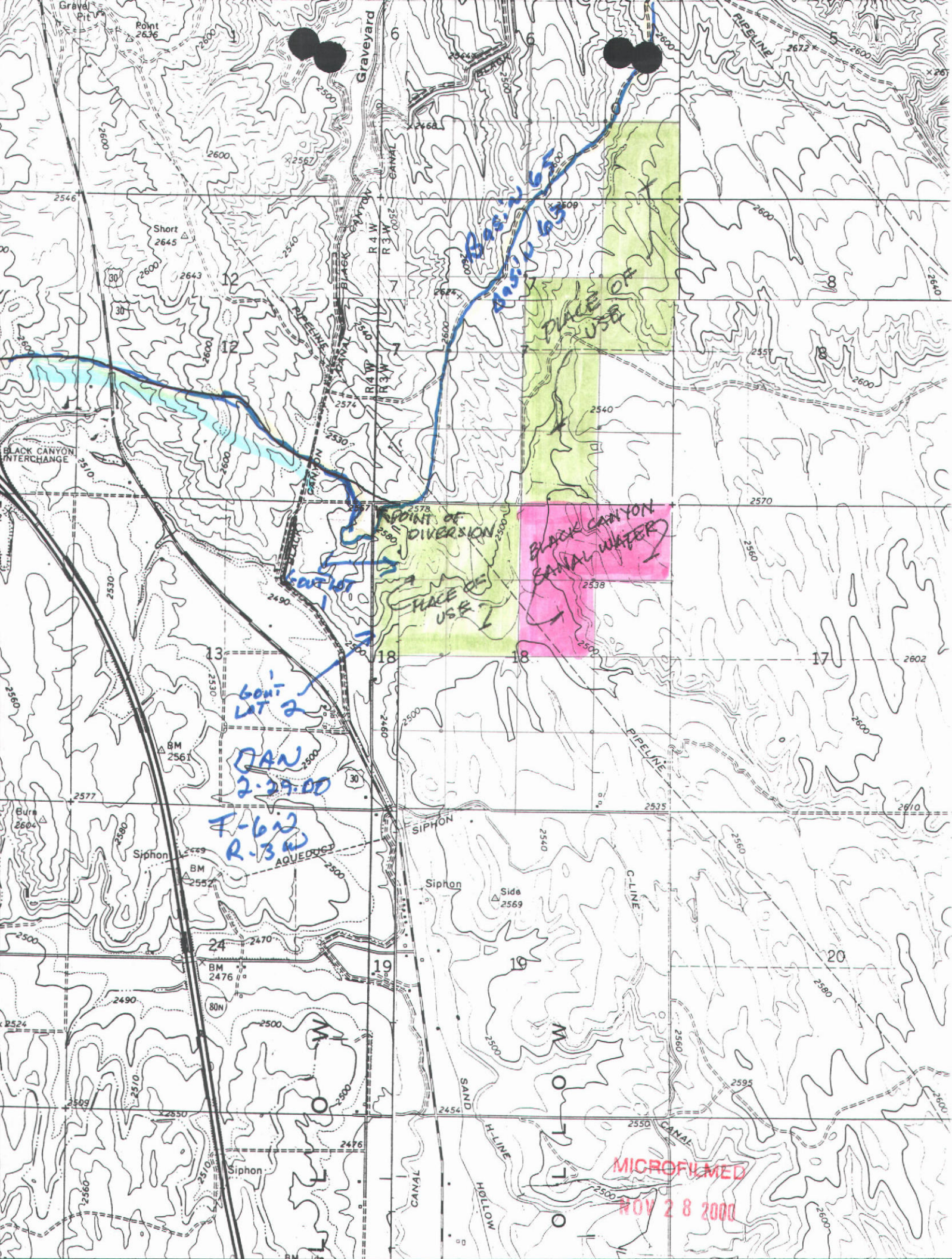
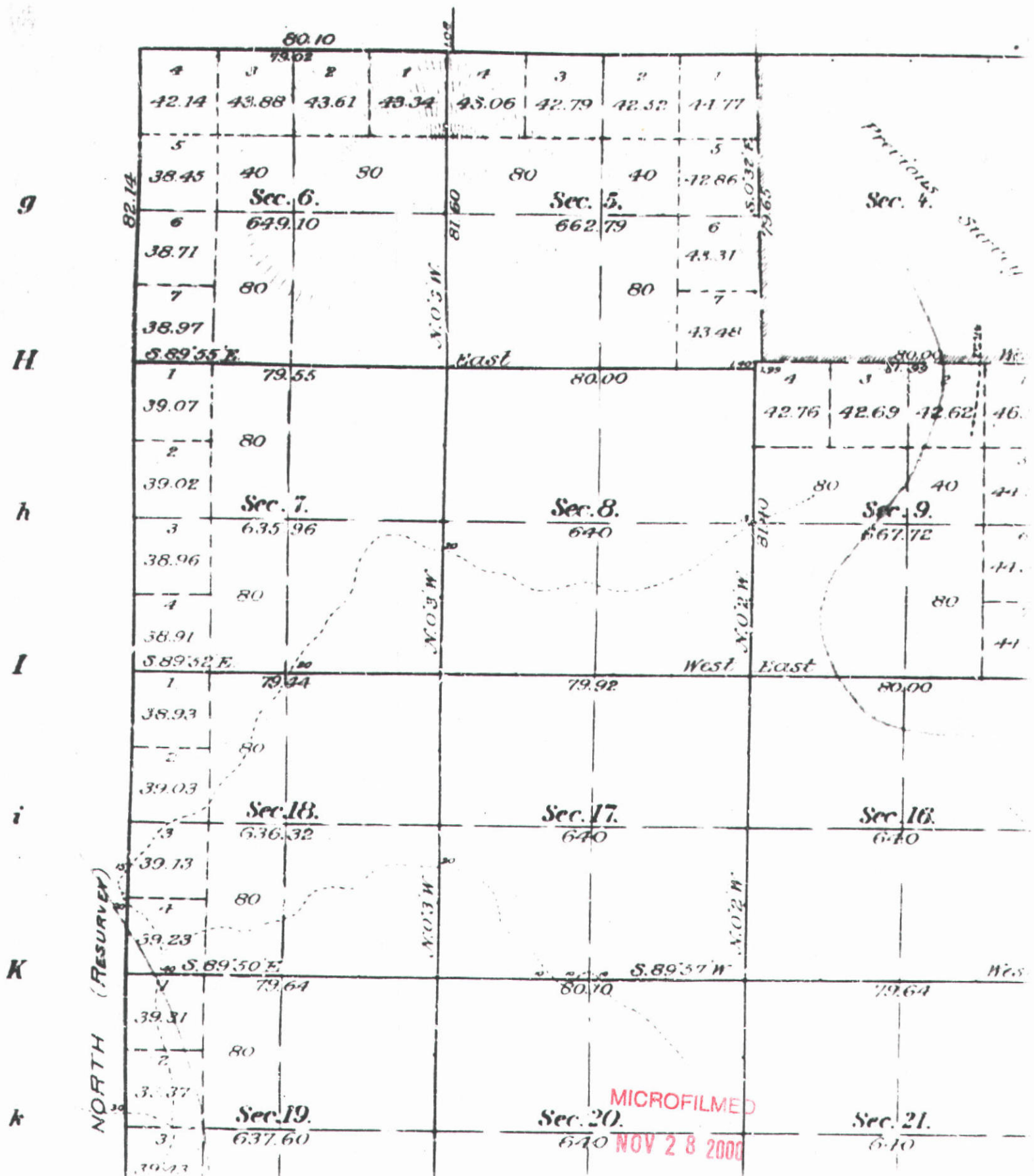




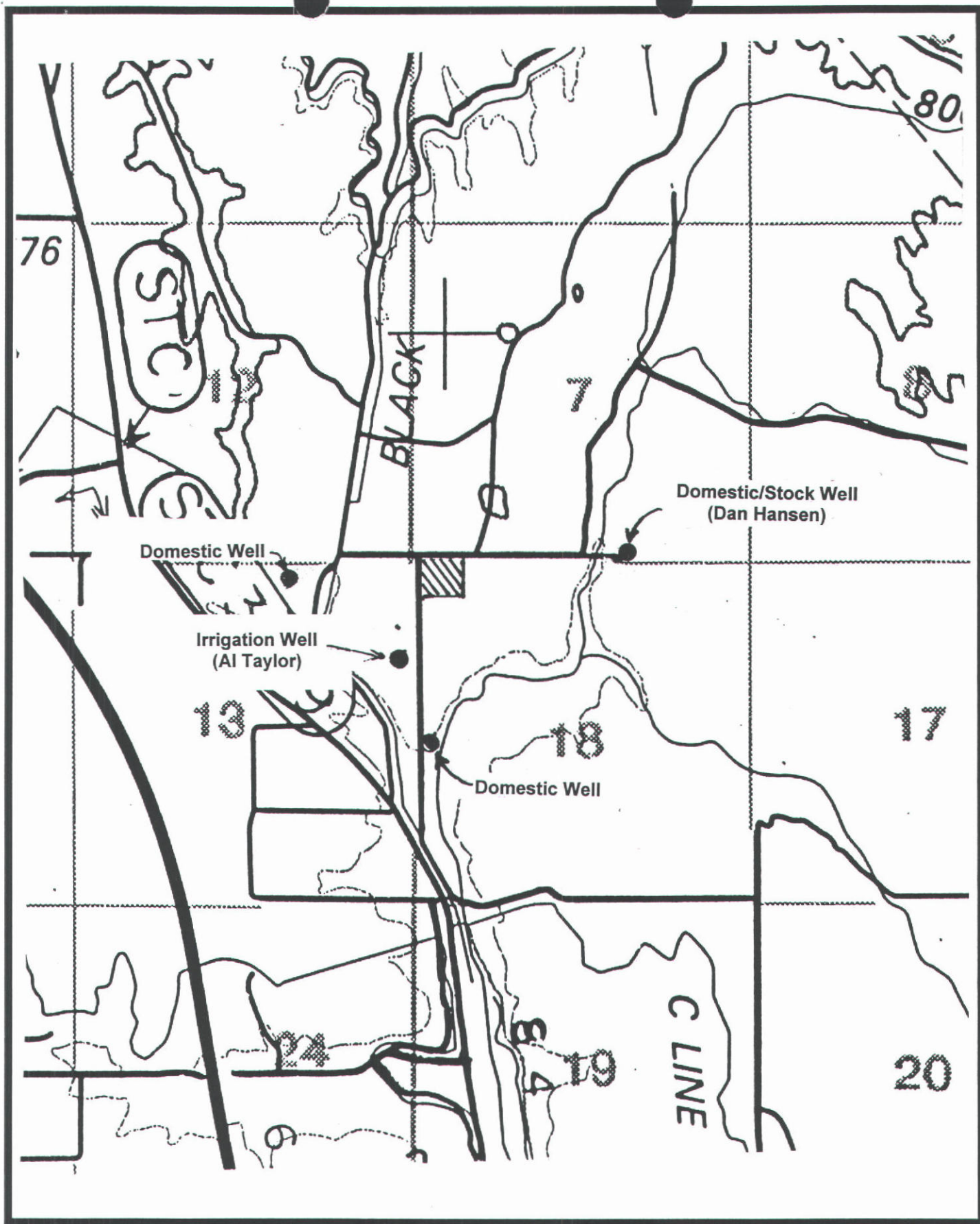
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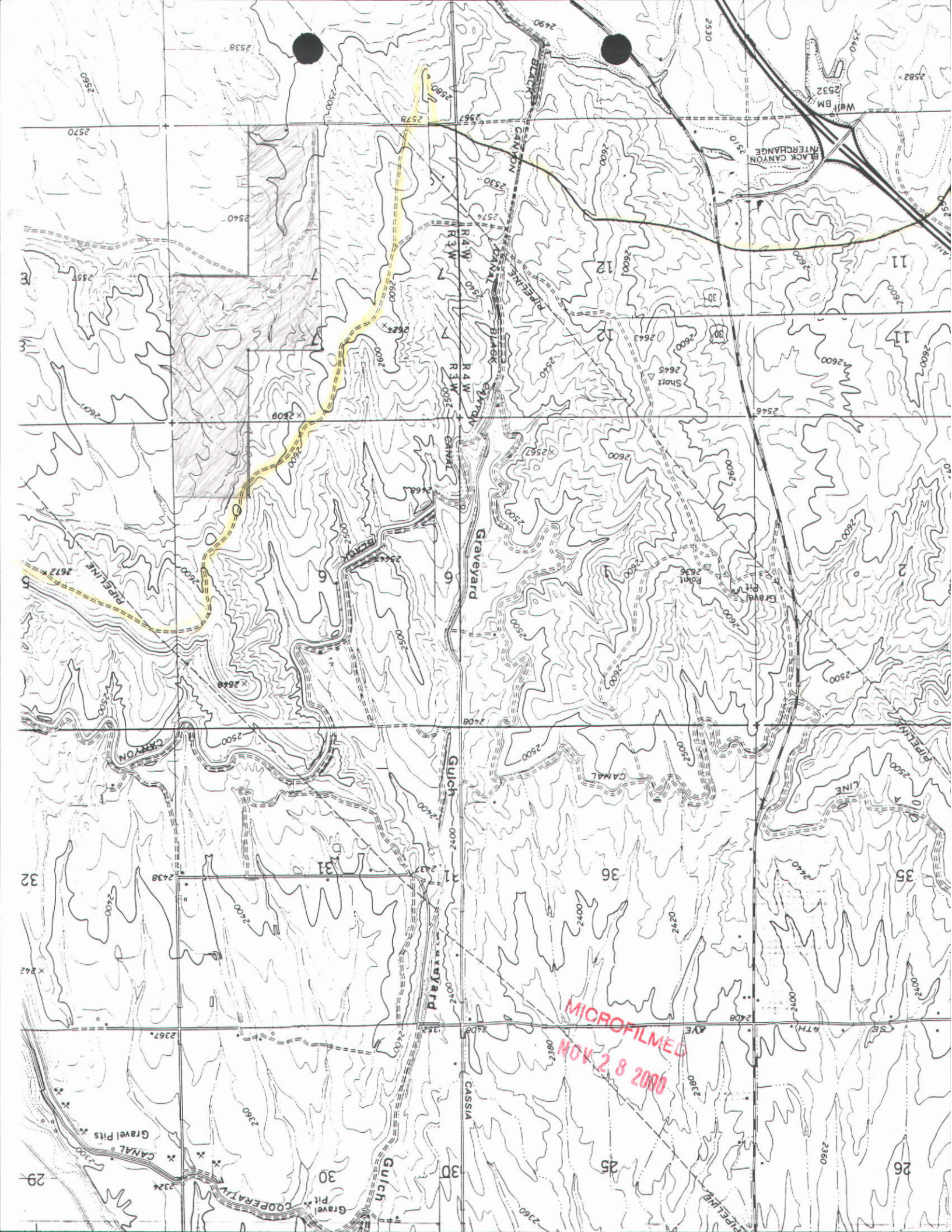
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NOV 28 2000

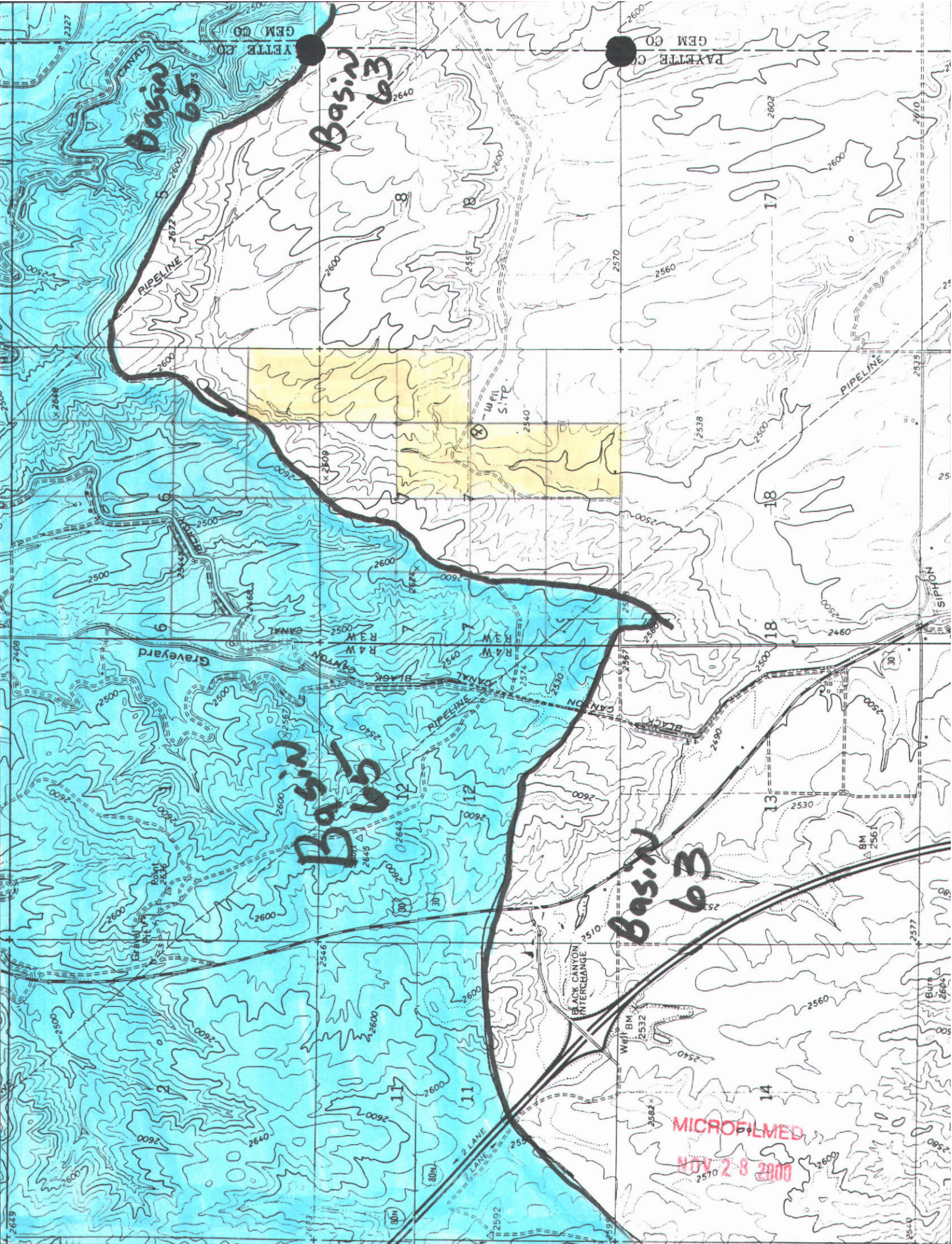
[illegible]



EXISTING WELL LOCATIONS WITHIN 1/2-MILE OF PROPOSED
WELL SITE (NWNWNW SECTION 18)

NOV 28 2000





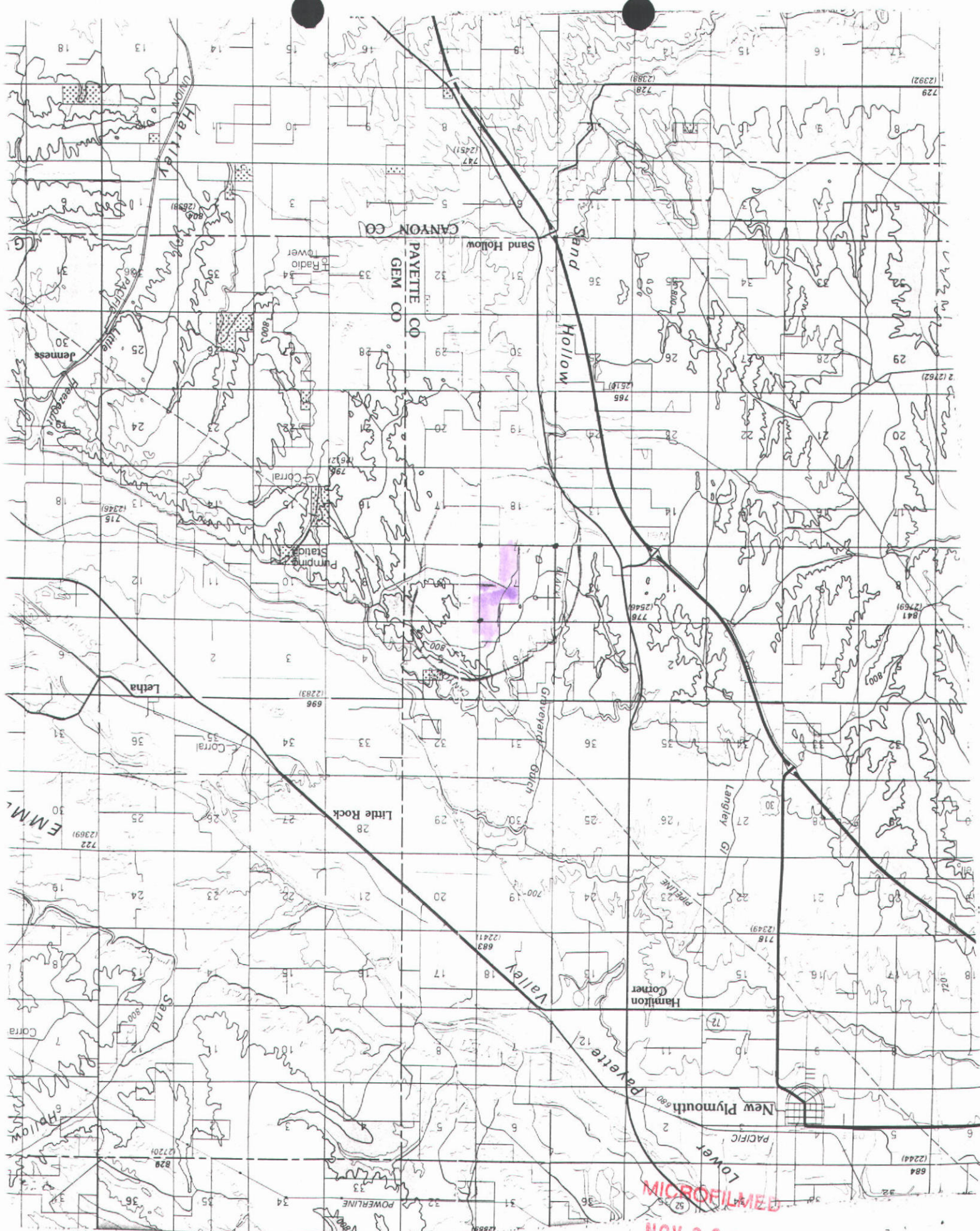
Basin 65

Basin 63

Basin 65

Basin 63

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NOV 28 2000



MICROFILMED
NOV 28 2000

State of Idaho
Department of Water Resources
Permit To Appropriate Water

NO. 65-13933

Priority: February 22, 2000

Maximum Diversion Rate:

8.00 CFS

This is to certify, that DANIEL B HANSEN
KAREN L HANSEN
8393 CHERRY LN
NAMPA ID 83687

has applied for a permit to appropriate water from: GROUND WATER

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	03/01 to 11/15	8.00 CFS
------------	----------------	----------

LOCATION OF POINT(S) OF DIVERSION: Lot 1(NWNW), Sec. 18, Township 06N, Range 03W
PAYETTE 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>
06N	03W	6	SESE 40.0			40.0
		7	NENE 40.0	SWNE 40.0	SENE 40.0	
			NWSE 40.0	SWSE 40.0		200.0
		18	NENW 40.0	Lot 1(NWNW) 40.0	Lot 2(SWNW) 40.0	
			SENE 40.0			160.0

Total number of acres irrigated: 400.0

CONDITIONS OF APPROVAL AND REMARKS

1. Proof of application of water to beneficial use shall be submitted on or before August 1, 2005.
2. Subject to all prior water rights.
3. Project construction shall commence within one year from the date of permit issuance and shall proceed diligently to completion unless it can be shown to the satisfaction of the Director of the Department of Water Resources that delays were due to circumstances over which permit holder had no control.
4. Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.
5. The Director retains jurisdiction to require the right holder to provide purchased or leased natural flow or stored water to offset depletion of Lower Snake River flows if needed for salmon migration purposes. The amount of water required to be released into the Snake River or a tributary, if needed for this purpose, will be determined by the Director based upon the reduction in flow caused by the use of water pursuant to this permit.

MICROFILMED

NOV 2 4 2000

State of Idaho
Department of Water Resources

Permit To Appropriate Water

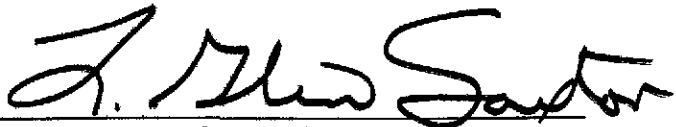
NO. 65-13933

CONDITIONS OF APPROVAL AND REMARKS

6. After specific notification by the department, the right holder shall install a suitable measuring device or shall enter into an agreement with the department to determine the amount of water diverted from power records and shall annually report the information to the department.
7. This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 4.5 afa per acre at the field headgate for irrigation of the lands above.
8. If the surface water right(s) appurtenant to the place of use is sold, transferred, leased or used on any other place of use, this right to divert groundwater shall not be used without an approved transfer pursuant to Section 42-222, Idaho Code, or approval of the Department if a transfer is not required.
9. The right holder shall use the full allotment of appurtenant surface water rights in conjunction with groundwater diverted under this right.
10. The right holder shall monitor water levels in two local wells and the irrigation well at static and pumping conditions and shall report the results to the department during the initial pump test.
11. The right holder shall measure the static water level in the irrigation well and one of the local wells using a method acceptable to the department on a yearly basis prior to each irrigation season and shall report the results to the department before using the irrigation well each year during the five year development period.

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

8th day of August, 2000.


for
Karl J. Dreher, Director

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NOV 28 2000

RECEIVED

JUL 28 2000

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

Department of Water Resources

1. Name of Applicant Daniel B. Hansen & Karen L. Hansen ¹⁰¹ Phone 208-890-2552
Post Office address 8393 Cherry Lane Nampa, Idaho 83687
2. Source of water supply WELL which is a tributary of _____
3. Location of point of diversion is NW 1/4 of NW 1/4 of _____ 1/4, Govt. Lot _____
Sec. 18 Township 6N Range 3W B.M. Payette County; additional points of diversion if any: _____
4. Water will be used for the following purposes:
Amount 8 cfs for IRRIGATION purposes from 3-10 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)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
5. Total quantity to be appropriated is (a) 8.00 and/or (b) _____
cubic feet per second acre feet per annum
6. Proposed diverting works:
a. Description of ditches, flumes, pumps, headgates, etc. PUMP DIRECT TO PIVOTS ; PUMP TO IRRIGATION POND
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 16" φ inches; proposed depth of well is 500 feet.
d. Is ground water with a temperature of greater than 85°F being sought? NO
e. If well is already drilled, when? _____; Drilling firm _____:
Well was drilled for (well owner) _____
7. Time required for completion of works and application of water to proposed beneficial use is 5 years (minimum 1 year)
8. Description of proposed uses (if irrigation only, go to item 9):
a. Hydropower; show total feet of head and proposed capacity if KW. _____
b. Stockwatering; list number and kind of livestock. _____
c. Municipal; show name of municipality. _____
d. Domestic; show number of households. _____
e. Other; describe fully. IRRIGATION 400 ACRES

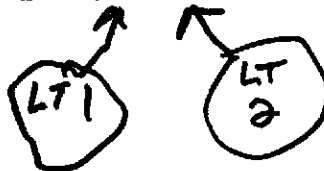
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9. Description of place of use:

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	RGE	SEC	N E				N W				S W				S E				TOTALS
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
6N	3W	6																40	40
6N	3W	7	40		40	40									40	40			200
6	3W	18					40	40	40	40									160



Total number of acres to be irrigated 400

10. Describe any other water rights used for the same purposes as described above. 130 ACRE WATER RIGHT FROM BLACK CANYON CANAL FOR LAND NOT DESCRIBED ABOVE

11. a. Who owns the property at the point of diversion? DANIEL B. & KAREN L. HANSEN

b. Who owns the land to be irrigated or place of use? DANIEL B. & KAREN L. HANSEN

c. If the property is owned by a person other than the applicant, describe the arrangement enable the applicant to make this filing: _____

12. Remarks: _____

13. MAP OF PROPOSED PROJECT ATTACHED X Show clearly the proposed point of diversion, place of use, section number, township and range number.

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

Daniel B. Hansen
(Applicant)

Received by DAN Date 2-22-2000 Time 10:15 Preliminary check by DAN
 Fee \$ 2.40 Received by DAN # W0261015 W026155 Date 2-22-2000
 Publication prepared by IT Date 3-15-22-00 Publication INDEPENDENT ENTERPRISE
 Publication approved IT Date 4-28-00

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COMMITMENT FOR TITLE INSURANCE**CONTINUATION PAGE****SCHEDULE**

Order Number: P-25329, 600/2 ETAL

Commitment Number:

PARCEL 1:

Government Lots 1 and 2 and the E1/2NW1/4 of Sec. 18, Twp. 6 N., R. 3 W., B.M., Payette County, Idaho.

PARCEL 2:

The NE1/4NE1/4 of Sec. 18, Twp. 6 N., R. 3 W., B.M., Payette County, Idaho.

PARCEL 3:

The W1/2 NE1/4 of Sec. 18, Twp. 6 N., R. 3 W., B.M., Payette County, Idaho.

SUBJECT TO all existing rights of way and easements.

PARCEL 4:

The NW1/4SE1/4 of Sec. 7, Twp. 6 N., R. 3 W., B.M., Payette County, Idaho;

RESERVING THEREFROM an easement 40 feet in width, along the entire westerly boundary, for ingress and egress to and from the SW1/4NE1/4 and the SW1/4SE1/4 of said Sec. 7, Twp. 6 N., R. 3 W., B.M.

PARCEL 5:

The SE1/4SE1/4 of Sec. 6, Twp. 6 N., R. 3 W., B.M., Payette County, Idaho, and the E1/2NE1/4 and the SW1/4NE1/4 in Sec. 7, Twp. 6 N., R. 3 W., B.M., Payette County, Idaho.

PARCEL 6:

The SW1/4SE1/4 of Sec. 7, Twp. 6 N., R. 3 W., B.M., Payette County, Idaho.

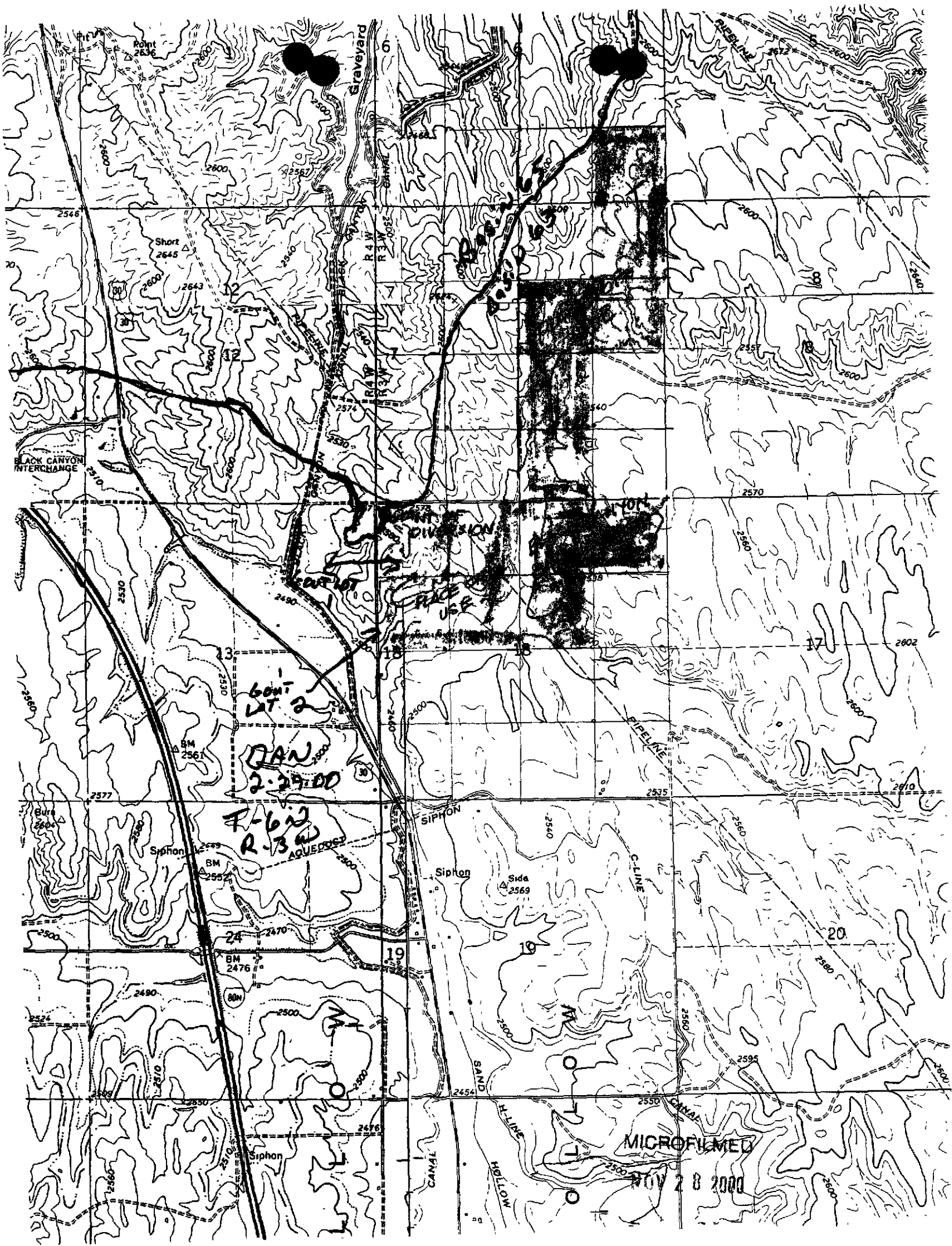
Page _____

CONTINUATION PAGE

Commitment
STANDARD CMF
02476

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NOV 28 2003



TOWNSHIP 6 NORTH, RANGE 3 WEST, OF THE DEPENDENT RESURVEY AND SUBD

N.0°11'W.		40.03		N.0°24'W.		40.05	
20.015		20.015		20.025		20.025	
4		5		2		1	
				Sec. 18			
				N.0°06'E.		N.0°09'E.	
				19.99		19.99	
WEST		20.06		N.89°58'W.		20.035	
20.07						40.07	
				N.89°54'W.		20.035	
		20.08		20.08			
N.0°01'E.		N.0°02'E.		N.0°02'E.			
20.06		20.07		40.02		N.89°51'W.	
						19.99	
80.28				N.89°56'W.		39.98	
20.07				40.2		19.99	
						MICROFILMED	
N.0°01'W.				N.0°10'W.			
40.08				39.97		NOV 28 2003	

BLM. GPS. NAD83 (1992) ✓

SEE SHEET 2 OF 2

SD-0420-2
MODIFY RECORD

Idaho Department of Water Resources
Modify Comment

Date: 03/03/00
Time: 14:02:43

Water Right Number: 65-13933

Comment Date: 3/ 3/2000 User ID: DNELSON

Subject: ADDITIONAL INFORMATION

APPLICANT: 130 acres of the 520 acre farm is irrigated with Black Canyon Irrigation District. The lands described in this application are the remaining portion of the 520 acre farm.

IDWR REVIEW: The well is located in Basin 65, but the land to be irrigated is in Basin 63. This application can be processed due to the location of the well. The Black Canyon Irrigation District water are the only overlapping water rights.

(Enter=Continue/Exit) (Gold2=Update) (Gold3=Delete) (Gold4=Prev) (Gold5=Next)

MICROFILM

MAR 2 2000

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name: DANIEL B HANSEN 208-466-4032
Address: 8393 CHERRY LANE
Nampa ID 83687
AND/OR
Name: KAREN HANSEN 208-466-4032
Address: 8393 CHERRY LANE
Nampa ID 83687

2. Source: GROUNDWATER Trib. to:
3. Location of Point of Diversion: NWSE Sec. 7, Township 06N, Range 03W
PAYETTE County

4. Water will be used for the following purposes:

Purpose	From	To	CFS	(or)	AF
STOCKWATER	01/01	12/31	0.140		
DOMESTIC	01/01	12/31	0.080		

5. Total quantity to be appropriated is:
0.220 CFS (and/or) AF

6. Proposed diverting works:
a. Description of ditches, flumes, pumps, headgates, etc.
1
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 inches; proposed depth of well is
feet.
d. Is groundwater with a temperature greater than 85F being sought? NO
e. If well is already drilled, when?
Drilling Firm
Well was drilled for

7. Time required for the completion of the works and application of
the water to the proposed beneficial use is 1 year(s).

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NOV 28 1980

8. Place of Use: STOCKWATER

TWN RGE SEC

06N 03W 7

SENE

NWSE

Place of Use: DOMESTIC, same as STOCKWATER use

9. a. Who owns the property at the point of diversion?

APPLICANT

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

APPLICANT

c. If the property is owned by a person other than the applicant,
describe the arrangement enabling the applicant to make this filing.

10. Remarks:

11. Map of proposed point of diversion and place of use attached? []

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.

Applicant

Received by _____ Date _____ Time _____ Preliminary check by _____

Fee \$ _____ Receipted by _____ # _____ Date _____

Publication prepared by _____ Date _____ Published in _____

Publication approved _____ Date _____

MICROFILMED

NOV 23 2003

SCANLAN ENGINEERING

Groundwater and Environmental Engineering

Water Rpt. 65-13933

RECEIVED

APR 10 2003

Department of Water Resources

April 8, 2003

Tim Luke
Idaho Department of Water Resources
Statehouse Mail
P O. Box 83720
Boise, ID 83720-0098

Subject Condition No 11 - Permit No 65-13933

Dear Tim:

Enclosed for the Department's files are water levels measured in compliance with Condition No 11 of permit 65-13933

If you need additional information, please do not hesitate to contact me

Sincerely,



Terry M Scanlan, P E , P G

Cc Dan Hansen
Don Helsley

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JUN 05 2003

Water Level Monitoring for 65-13933

Date	Hansen Irrigation Well (NWNW Sec 18, T6N, R3W))	Helsley Domestic Well (NWNW Sec 13, T6N, R4W)
12/12/2000	206.58	148.30
03/19/2001	202.91	148.83
10/30/2001	204.23	149.32
03/21/2002	203.37	149.37
04/08/2003	204.97	150.10

MICHAEL J. HARRIS
JUN 05 2003

SCANLAN ENGINEERING

Groundwater and Environmental Engineering

RECEIVED

PERMIT

PERMIT NO. 65-13933

Water Rt. File ✓
Western Region ✓

March 21, 2002

Tim Luke
Idaho Department of Water Resources
Statehouse Mail
P O Box 83720
Boise, ID 83720-0098

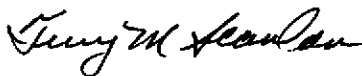
Subject: Condition No 11 - Permit No 65-13933

Dear Tim,

Enclosed for the Department's files are water levels measured in compliance with Condition No. 11 of permit 65-13933

If you need additional information, please do not hesitate to contact me

Sincerely,



Terry M. Scanlan, P E , P G

Cc. Dan Hansen
Don Helsley

MICRO, 10000
JUN 05 2002

Water Level Monitoring for 65-13933

Date	Hansen Irrigation Well (NWNW Sec 18, T6N, R3W))	Helsley Domestic Well (NWNW Sec 13, T6N, R4W)
12/12/2000	206.58	148.30
03/19/2001	202.91	148.83
10/30/2001	204.23	149.32
03/21/2002	203.37	149.37

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JUN 9 5 2003



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

DIRK KEMPTHORNE
Governor

KARL J. DREHER
Director

November 18, 2001

Terry Scanlan
600 East Park Lane, Suite 105
Boise, ID 83706

Re: Permit 65-13933 – Daniel and Karen Hansen

Dear Terry,

We are in receipt of the water level measurements submitted by you in compliance with condition no. 11 of the above referenced permit. I have noted that the condition requires that the measurements be reported annually to the department prior to each irrigation season. We have been receiving reports from you in both the spring and the fall. From this point forward, I think it will only be necessary to submit a report in the spring of each year rather than submitting two reports per year. Please forward a report next spring and each spring thereafter during the five-year development period of the permit.

Thanks for your continued cooperation.

Sincerely,

A handwritten signature in black ink, appearing to read 'Tim Luke'.

Tim Luke
Water Distribution

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JUN 9 5 2002

SCANLAN ENGINEERING

Groundwater and Environmental Engineering

RECEIVED

NOV - 2 2001

Department of Water Resources

October 31, 2001

Tim Luke *OK TGL*
Idaho Department of Water Resources
Statehouse Mail
P.O. Box 83720
Boise, ID 83720-0098

Subject: Condition No. 11 - Permit No. 65-13933

Dear Tim

Enclosed for the Department's files are water levels measured in compliance with Condition No. 11 of permit 65-13933.

If you need additional information, please do not hesitate to contact me

Sincerely,



Terry M. Scanlan, P.E., P.G.

Cc Dan Hansen
Don Helsley

MICRO. 11/1/01

JUN 11 2003

Water Level Monitoring for 65-13933

Date	Hansen Irrigation Well (NWNW Sec 18, T6N, R3W))	Helsley Domestic Well (NWNW Sec 13, T6N, R4W)
12/12/2000	206.58	148.30
03/19/2001	202.91	148.83
10/30/2001	204.23	149.32

MICROFILMED

JUN 05 2003

SCANLAN ENGINEERING

Groundwater and Environmental Engineering

RECEIVED

MAR 23 2001

Department of Water Resources

March 21, 2001

Cindy Hodges
Idaho Department of Water Resources
Statehouse Mail
P.O. Box 83720
Boise, ID 83720-0098

Subject Condition No. 11 - Permit No. 65-13933 *OK* *cin*

Dear Cindy:

Enclosed for the Department's files are water levels measured in compliance with Condition No 11 of permit 65-13933

If you need additional information, please do not hesitate to contact me

Sincerely,



Terry M Scanlan, P.E., P G

Cc Dan Hansen

MICHAEL J. HODGES

MAR 23 2001

Water Level Monitoring for 65-13933

Date	Hansen Irrigation Well (NWNW Sec 18, T6N, R3W))	Helsley Domestic Well (NWNE Sec 13, T6N, R4W)
12/12/2000	206.58	148.30
03/19/2001	202.91	148.83

MICROFILMED
JUN 05 2003

SCANLAN ENGINEERING

Groundwater and Environmental Engineering

RECEIVED

DEC 19 2000

Department of Water Resources

December 18, 2000

Cindy Hodges
Idaho Department of Water Resources
Statehouse Mail
P O. Box 83720
Boise, ID 83720-0098

Subject: Condition No 10 - Permit No 65-13933

OK *cjh*

Dear Cindy.

Enclosed for the Department's files is the test pumping report for water right permit 65-13933. This report is submitted in compliance with Condition No. 10 of the permit.

If you need additional information, please do not hesitate to contact me. If you have any questions regarding the permit, you can contact Dan Nelson at the Western Region Office.

Sincerely,

Terry M Scanlan

Terry M. Scanlan, P.E., P.G.

Cc: Dan Hansen

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DEC 19 2000

SCANLAN ENGINEERING

Groundwater and Environmental Engineering

December 13, 2000

Mr. Daniel Hansen
8393 Cherry Lane
Nampa, ID 83867

Subject: Pumping Test of New Irrigation Well

Dear Dan:

The new irrigation well at your ranch near Sand Hollow was test pumped on December 12, 2000 for eight hours at an approximate rate of 1825 gpm. Analysis of the test data suggests that the well should be capable of producing a sustainable production in excess of 2000 gpm. Anticipated pumping water level following continuous pumping for 6 months at 2000 gpm will be approximately 300 feet below ground surface. Details of testing are provided below

Test Equipment. Testing was conducted using a diesel-driven line-shaft turbine test pump furnished and operated by Riverside, Inc.. The pump was set at approximately 295 feet. Water levels were measured with an electric line well sounder. Flow rates were measured using an 8-inch circular orifice attached to a 10-inch discharge pipe. Pumped water was discharged into a temporary ditch that flowed southeasterly over the hill away from the well site.

Development and Testing. Well development consisted of pumping and surging the well using the test pump on December 10 and 11. The well was allowed to recover overnight before beginning the constant-rate pumping test on December 12. Static water level at the beginning of the constant rate test was approximately 205 feet below ground surface. The constant rate test began at approximately 8:40 am and was completed at 4:40 pm, for a total testing time of 8 hours. Pumping rate throughout the test was approximately 1825 gpm. The water discharged from the well was clear and sand free, with a temperature of 65 degrees F and a pH of 7.6. Pumping water level at the end of the test was approximately 263 feet below ground surface, indicating a total drawdown of 58 feet. Test data are provided in Table 1.

Analysis of Test Data. Semilogarithmic plots of drawdown versus elapsed time are enclosed. Extension of the test-period drawdown trend suggests 82 feet of drawdown following 6 months of continuous pumping at 1825 gpm, resulting in a long-term specific capacity of 22 gpm per foot of drawdown under sustained pumping condition. Analysis of test data also suggests that the transmissivity of the aquifer tapped by the well is approximately 55,000 gpd/ft.

To avoid problems with cascading water, I recommend that pumping water levels be maintained above the top of the uppermost well screen (324 feet) Based on the long-term specific capacity

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of 22 gpm/ft, estimates of pumping levels, TDH, and horsepower requirements are provided in Table 2 for various pumping rates. Table 2 indicates that the well may be capable of sustained pumping at rates of up to 2400 gpm. However, a target pumping rate of 2,000 gpm is recommended to allow for (1) eventual decline in well efficiency, (2) potential well interference from existing and future irrigation wells, (3) hydraulic boundaries not detected during the 8-hour test period, and/or (4) potential long-term aquifer water-level declines. The 2,000-gpm pumping rate will probably require a 300-hp pump. A pump setting depth of approximately 350 feet is recommended. The 350-foot setting will place the intake of the pump between the first and second well screen sections.

Observation Well Monitoring. During the constant rate test, water levels in two local domestic wells were monitored. The two wells are located approximately ½ mile west and south of the irrigation well. The west well is at the home of Don Helsley. The south well is at a mobile home rented by Bill Shippy. Although some fluctuations in water levels were observed during the test period, the monitoring suggests no significant impact at either well from pumping of the Hansen irrigation well during the 8-hour test. Observed fluctuations may have been associated with barometric effects or pump cycling. Observation well data are provided in Table 3.

Please contact me with any questions concerning this analysis.

Sincerely,



Terry M. Scanlan, P.E., P.G.

Enclosures

Cc: Terry Daugherty – Riverside
Idaho Department of Water Resources (file 65-13933)

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JUN 03 2003

Table 1
Dan Hansen Irrigation Well
Constant-Rate Pumping Test - 12/12/00

diesel-drive lineshaft-turbine pump; setting depth 300 feet

measuring point is 2 feet above ground level

flow measurement with 10x8 inch orifice; manometer reading ranged from 34 to 35 inches throughout test

Time	Elapsed Time (minutes)	Depth to Water (feet)	Drawdown (feet)	Pumping Rate (gpm)	Remarks
8:35		206.58			Static
8:40		240.00	33.42	1825 +/-	Start Pump
8:42	2	242.08	35.50	1825 +/-	murky
8:43	3	243.67	37.09	1825 +/-	
8:44	4	244.58	38.00	1825 +/-	
8:45	5	245.92	39.34	1825 +/-	
8:46	6	246.58	40.00	1825 +/-	
8:47	7	247.25	40.67	1825 +/-	clearing
8:48	8	247.92	41.34	1825 +/-	
8:49	9	248.33	41.75	1825 +/-	
8:50	10	249.00	42.42	1825 +/-	
8:52	12	249.67	43.09	1825 +/-	
8:54	14	250.50	43.92	1825 +/-	clear
8:56	16	251.16	44.58	1825 +/-	
8:58	18	251.92	45.34	1825 +/-	
9:00	20	252.25	45.67	1825 +/-	
9:05	25	253.16	46.58	1825 +/-	
9:10	30	254.00	47.42	1825 +/-	
9:15	35	254.67	48.09	1825 +/-	
9:20	40	255.16	48.58	1825 +/-	
9:25	45	256.42	49.84	1825 +/-	
9:30	50	256.67	50.09	1825 +/-	
9:45	65	257.58	51.00	1825 +/-	
10:00	80	258.33	51.75	1825 +/-	
10:15	95	259.42	52.84	1825 +/-	
10:30	110	260.00	53.42	1825 +/-	
10:45	125	260.33	53.75	1825 +/-	
11:00	140	260.92	54.34	1825 +/-	
11:15	155	261.08	54.50	1825 +/-	
11:30	170	261.42	54.84	1825 +/-	
11:45	185	261.67	55.09	1825 +/-	
12:00	200	261.75	55.17	1825 +/-	
12:30	230	262.42	55.84	1825 +/-	
13:00	260	262.58	56.00	1825 +/-	
13:30	290	264.67	58.09	1825 +/-	
14:00	320	263.18	56.60	1825 +/-	
14:30	350	263.67	57.09	1825 +/-	
15:00	380	264.42	57.84	1825 +/-	
15:30	410	264.00	57.42	1825 +/-	
16:00	440	264.50	57.92	1825 +/-	T= 65 deg F, pH = 7.6, no sand, no odor
16:40	480	264.68	58.10	1825 +/-	Shut down

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Table 2
Hansen Irrigation Well - TDH Estimates

Flow Rate	Static*	Drawdown	Pumping Water Level After 180 Days	45 psi System Pressure (feet)	Estimated Friction Losses			Total Dynamic Head (feet)	Horsepower Requirement @ 75% efficiency (does not include shaft losses)
					Column (feet)	Misc (feet)	Total (feet)		
1000	215	45	260	104	2	1	3	367	124
1200	215	55	270	104	3	1.5	4.5	378	153
1400	215	64	279	104	4	2	6	389	183
1600	215	73	288	104	5	2.5	7.5	399	215
1800	215	82	297	104	7	3.5	10.5	411	249
2000	215	91	306	104	9	4.5	13.5	423	285
2200	215	100	315	104	11	5.5	16.5	436	323
2400	215	109	324	104	14	7	21	449	363

*To account for water level decline, the assumed static is approximately 10 feet lower than measured during test period.

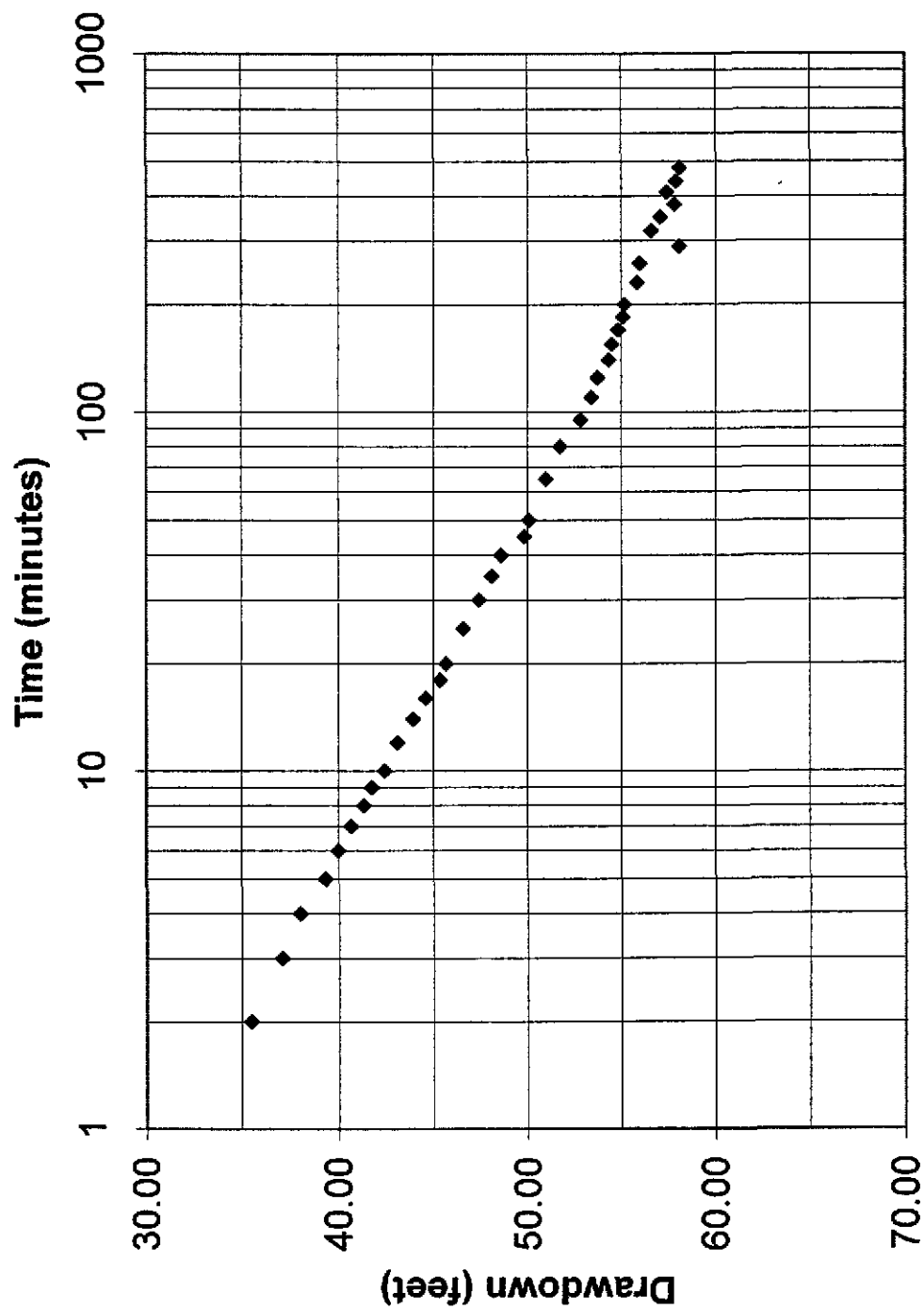
Table 3
Dan Hansen Irrigation Well
Constant-Rate Pumping Test - 12/12/00
Observation Well Water Levels

Date	Time	Helsley Domestic Well Depth to Water (feet)	Shippy Domestic Well Depth to Water (feet)	Remarks
12/08/2000	12:50	148.19		
	13:20		76.24	
12/12/2000	8:12		76.21	
	8:26	148.30		
	8:40			Start Hansen Test
	9:59		76.26	
	10:06	148.29		
	15:34		76.35	
	15:40	148.46		
	16:40			End Hansen Test
	16:54	148.45		
	17:10		76.25	

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JUN 04 2001

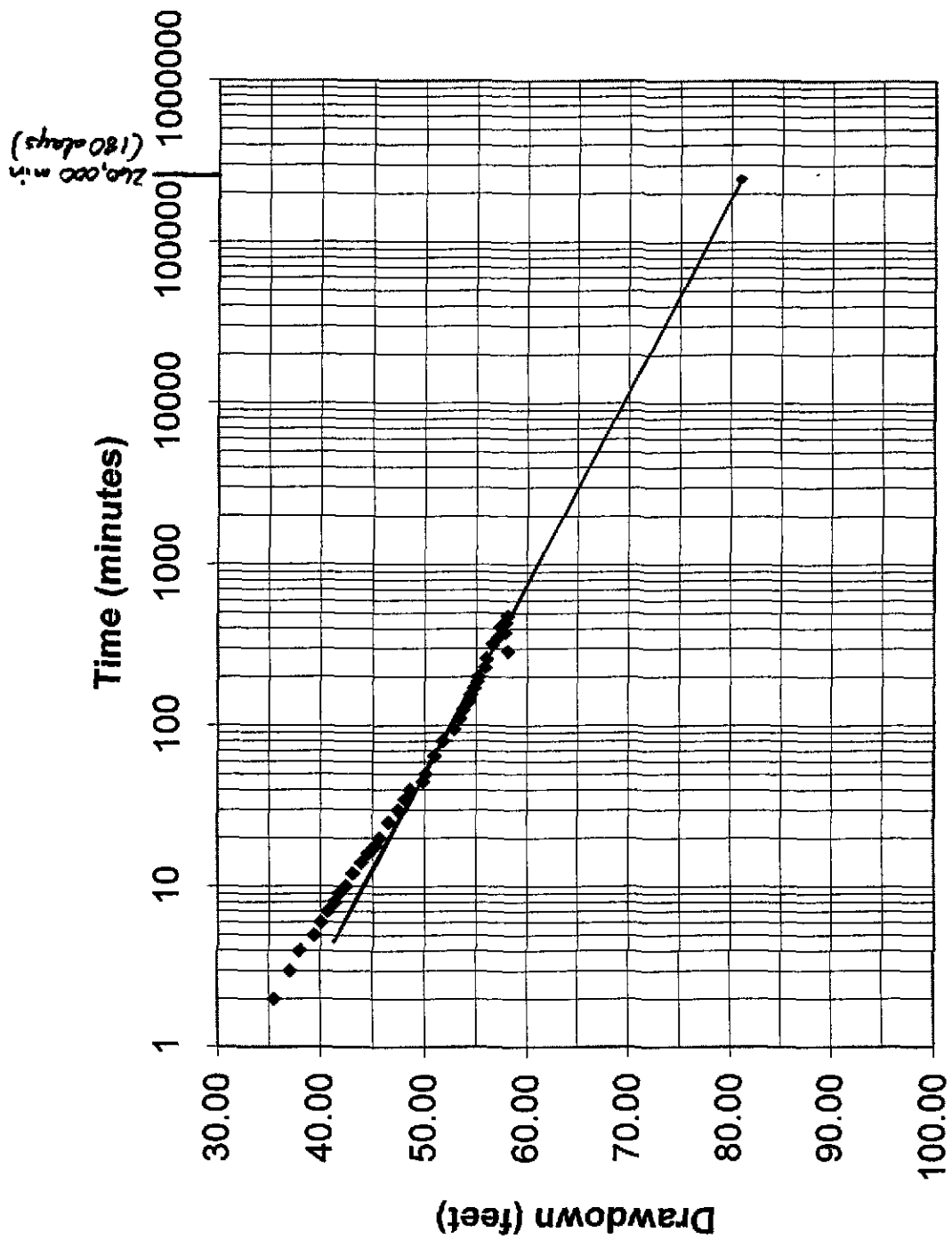
Hansen Irrigation Well Constant Rate Test 12/12/00



MICRO-LOG

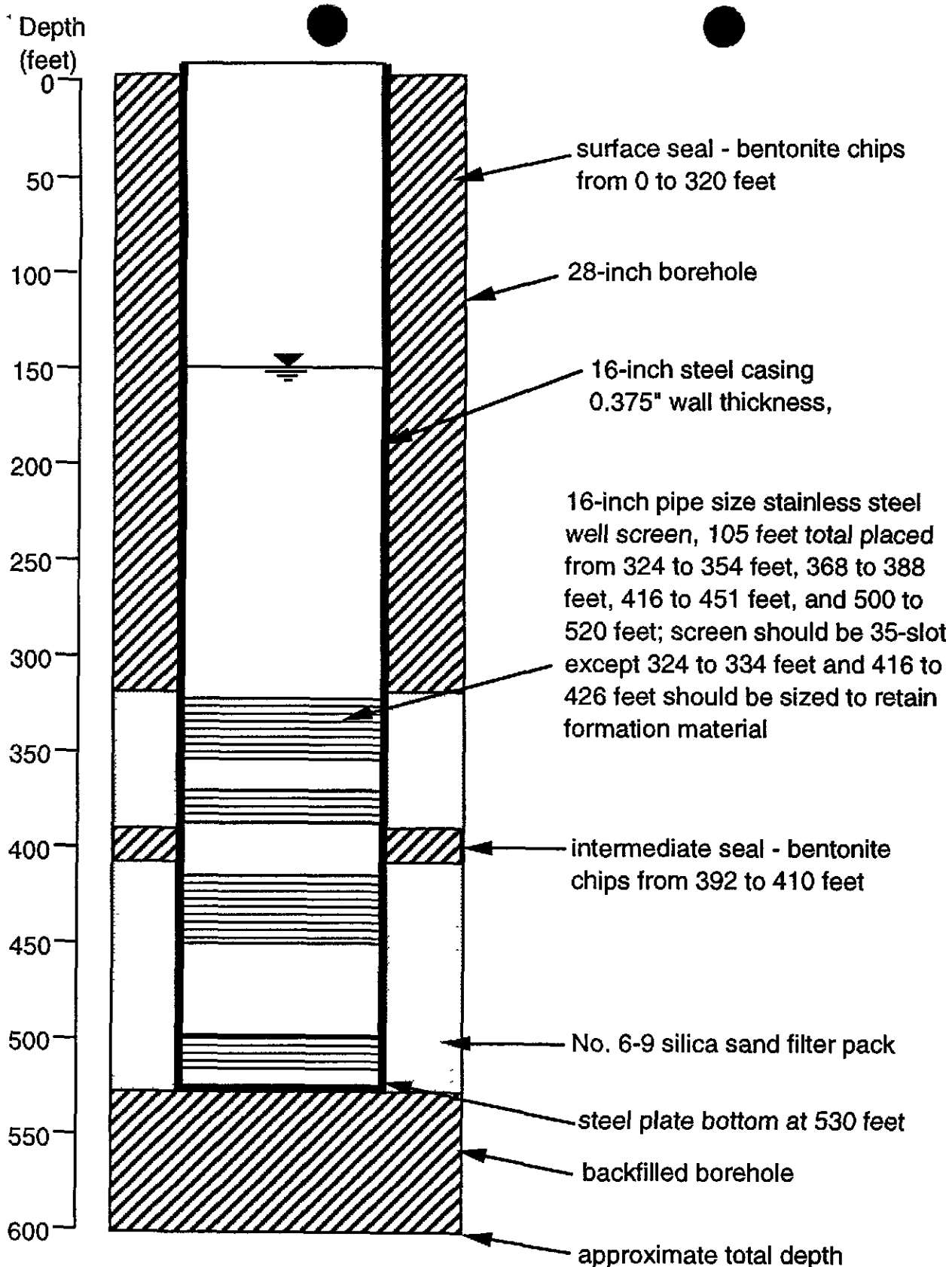
DATE: 12/12/00

Hansen Irrigation Well Constant Rate Test 12/12/00



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0002 12 12 2000



PROPOSED FINAL DESIGN FOR DAN HANSEN IRRIGATION WELL

MICHAEL B. LEE

JUNE 9 5 2003



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, P.O. Box 83720, Boise, Idaho 83720-0098

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

DIRK KEMPTHORNE
GOVERNOR

KARL J. DREHER
DIRECTOR

August 11, 2000

DANIEL B HANSEN
KAREN L HANSEN
8393 CHERRY LN
NAMPA ID 83687

PERMIT APPROVAL NOTICE

RE: PERMIT NO. 65-13933

Dear Permit Holder:

The Department of Water Resources (IDWR) has issued the enclosed permit authorizing you to establish a new water right. Please be sure to thoroughly review the conditions of approval and remarks listed on your permit.

The permit is a preliminary order issued by IDWR pursuant to section 67-5243, Idaho Code. It can and will become a final order without further action by IDWR unless a party petitions for reconsideration or files an exception and/or brief as described in the enclosed information sheet.

As a permit owner you must commence the excavation or construction of the diverting works within one year of the date the permit was issued, and you must proceed diligently until the project is completed. The date shown under condition no. 1 is the date when the project must be completed.

The Department will send you a "Proof Due Notice" approximately 60 days prior to the above referenced date requesting you to file either a Proof of Beneficial Use form or a Request for Extension of Time form.

The right to drill a well is not a part of this permit to appropriate water. Beginning in July of 1987, a statute was enacted which requires a drilling permit for new well construction and deepening of existing wells. If the well(s) proposed for use under this right were drilled or deepened after July 1, 1987, a separate drilling permit must be obtained from this Department. Please contact the Groundwater Protection Section located here at this office or our regional office nearest you.

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AUG 23 2000

Also, please note that water right owners are required to report any change of water right ownership and/or change of mailing address to the department within 120 days of the change. Failure to report these changes could result in a \$100 late filing fee. Contact any office of the department or visit the department's homepage on the Internet to obtain the proper reporting form.

If you have any questions, please call me at 208-327-7946.

Sincerely,



Shelley W. Keen
Water Rights Supervisor

SK:klt

Enclosures

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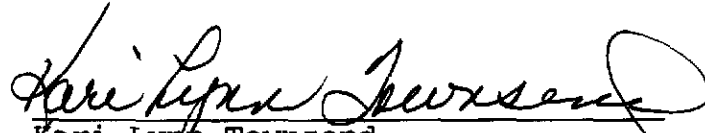
JUN 28 2000

CERTIFICATE OF MAILING

I hereby certify that on the 11th day of **August, 2000**, I mailed a true and correct copy, postage prepaid, of the foregoing **PRELIMINARY ORDER (Approved Permit)** to the person(s) listed below:

Water Right No. 65-13933

DANIEL B HANSEN
KAREN L HANSEN
8393 CHERRY LN
NAMPA ID 83687


Kari Lynn Townsend
Secretary

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**EXPLANATORY INFORMATION
TO ACCOMPANY A
PRELIMINARY ORDER**

The accompanying order or approved document is a "Preliminary Order" issued by the department pursuant to section 67-5243, Idaho Code. It can and will become a final order without further action of the Department of Water Resources (department) unless a party petitions for reconsideration, files an exception and brief, or requests a hearing as further described below:

PETITION FOR RECONSIDERATION

Any party may file a petition for reconsideration of a preliminary order with the department within fourteen (14) days of the service date of this order. The department will act on a petition for reconsideration within twenty-one (21) days of its receipt, or the petition will be considered denied by operation of law. See Section 67-5243(3) Idaho Code.

EXCEPTIONS AND BRIEFS

Within fourteen (14) days after (a) the service date of a preliminary order, (b) the service date of a denial of a petition for reconsideration from this preliminary order, or (c) the failure within twenty-one (21) days to grant or deny a petition for reconsideration from this preliminary order, any party may in writing support or take exceptions to any part of a preliminary order and may file briefs in support of the party's position on any issue in the proceeding with the Director. Otherwise, this preliminary order will become a final order of the agency.

REQUEST FOR HEARING

Unless a right to a hearing before the department or the Idaho Water Resource Board (Board) is otherwise provided by statute, any person aggrieved by any final decision, determination, order or action of the Director of the department and who has not previously been afforded an opportunity for a hearing on the matter may request a hearing pursuant to section 42-1701A(3), Idaho Code. A written petition contesting the action of the Director and requesting a hearing shall be filed within fifteen (15) days after receipt of the denial or conditional approval.

ORAL ARGUMENT

If the Director grants a petition to review the preliminary order, the Director shall allow all parties an opportunity to file briefs in support of or taking exceptions to the preliminary order and may schedule oral argument in the matter before issuing a final order. If oral arguments are to be heard, the Director will within a reasonable time period notify each party of the place, date and hour for the argument of the case. Unless the Director orders otherwise, all oral arguments will be heard in Boise, Idaho.

CERTIFICATE OF SERVICE

All exceptions, briefs, requests for oral argument and any other matters filed with the Director in connection with the preliminary order shall be served on all other parties to the proceedings in accordance with IDAPA Rules 37.01.01302 and 37.01.01303 (Rules of Procedure 302 and 303).

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FINAL ORDER

The Director will issue a final order within fifty-six (56) days of receipt of the written briefs, oral argument or response to briefs, whichever is later, unless waived by the parties or for good cause shown. The Director may remand the matter for further evidentiary hearings if further factual development of the record is necessary before issuing a final order. The department will serve a copy of the final order on all parties of record.

Section 67-5246(5), Idaho Code, provides as follows:

Unless a different date is stated in a final order, the order is effective fourteen (14) days after its issuance if a party has not filed a petition for reconsideration. If a party has filed a petition for reconsideration with the agency head, the final order becomes effective when:

- (a) the petition for reconsideration is disposed of; or
- (b) the petition is deemed denied because the agency head did not dispose of the petition within twenty-one (21) days.

APPEAL OF FINAL ORDER TO DISTRICT COURT

Pursuant to sections 67-5270 and 67-5272, Idaho Code, if this preliminary order becomes final, any party aggrieved by the final order or orders previously issued in this case may appeal the final order and all previously issued orders in this case to district court by filing a petition in the district court of the county in which:

- i. A hearing was held,
- ii. The final agency action was taken,
- iii. The party seeking review of the order resides, or
- iv. The real property or personal property that was the subject of the agency action is located.

The appeal must be filed within twenty-eight (28) days of this preliminary order becoming final. See section 67-5273, Idaho Code. The filing of an appeal to district court does not itself stay the effectiveness or enforcement of the order under appeal.

APPLICATION FOR PERMIT
STATE OFFICE ANALYSIS

Reviewed by Sharla Curtis on 7/28/00

No. 65-13933 Name: Hansen Corp. Officers N/A Ad ok ☒ Govt Lots _____

AREA OF CONCERN: No/Yes _____ Moratorium _____ GWMA _____ TRUST/NON-TRUST _____

GROUNDWATER: (✓Flow Chart)

DRILLING PERMIT

All wells - 046 (P23)
Basin 34 - 084 (if necessary)
Irr w/in WD - P05
WMD - North/East/West
≤ 0.24 cfs/5 acres - No MD
> 0.24 cfs/5 acres - 067
~~WMD~~
Supp irr (irr = only use) - 065-104
Supp irr (+ other uses) - 100-105
≤ 0.24 cfs/5 acres - No MD
> 0.24 cfs/5 acres - 01M

LOCATION:

Boise Front LoGeo - 058 (<85 GW)
Mitigation - 121
42-248 Area - P84 (20s-70s, 81-86)
Swan Falls Flag
Trust - 051 (P74) (consumptive uses)
Non-Trust - 048-049 (consumptive uses or non-cons > 10 cfs)

USES:

~~STORAGE~~ - 18A-01H(P01), 01P-18B(P09)-NA
IRR ≤ 5 ac - R66/R67/R68/R69 (0.03 cfs/ac)
> 5 ac - R62/R63/R64/R65 (0.02 cfs/ac)
STOCKWATER - R37 (BLM/USFS)
MINING - 054-081(P10)
FISH PROP - 029(70'S only)-007-042-081(P10)
HEAT/COOL - R07(injection well)
FIRE PROT. - 077

BENEFICIAL USE DUE: 8/01/2005

MISC CONDITIONS/REMARKS:

~~Protected~~ - 020-W19
Development Period
~~≤ 1 yr~~ - P16
> 1 yr - 26A(P17)
Ownership - 004
Non-consumptive - 027
Water Quality - 081-R07

SURFACE WATER: (✓Flow Chart)

F&G contacted - Yes/No Response _____
In/Above MSF - WB9
PLANNING REVIEW/RESPONSE _____
In-stream development - P52
WD - R04 (WD# _____)
≤ 0.20 cfs/others - 01H(P01), 01P or No MD
> 0.20 cfs - 01J(P08)

SPRINGS/SINK, INACTIVE WD & REST OF STATE

≤ 0.24 cfs/5 acres - No MD
> 0.24 cfs/5 acres - 01M or No MD

RIVER BASINS: (SW special considerations)

SNAKE R (01) - W22(P04), N/A
(02,03) - 007 (w/ remark WB9 if above Weiser)
Payette R (65) - 047(P04) (Payette Lake)
Salmon R (70's) - 029 (fish screens)
Weiser R (67) - 086-087

USES:

POWER - 17H-17K (+uses)-08A-025(P18)-01N-081(P10)
MUNICIPAL
Restricted area - 022,075
Irr, GW supp to SW - 102
DOMESTIC
Surface water - WB5 (Big Wood or Boise above Star Bridge)
27A (Payette R)
> 1 in restricted area - 070-071-075 (no parks/common areas, etc)
Irr use listed separate - WB5
Moratorium approvable - W03 (2500 gpd - meets domestic definition
i.e D/convenience store)

Multiple pd's per ¼¼ - W32
Subd lot desc (pd) - W59
Subd lot desc (pu) - W60
Use definitions - W02 example - S/50 range
Pre-1987 development - 068-074 (allow 120 days for proof due)
Single p/d intended - 076

IRRIGATION SEASON 3/1 - 11/15 (Per updated map)

IRR VOLUME/ACRE 4.5

OTHER CONDITIONS/REMARKS special cond as outlined in Dan Nelson's memo

COMMENTS _____

MEMORANDUM

TO: ~~GARY SPACKMAN~~ File
FROM: DANIEL A NELSON DAW
DATE: 7/26/2000
SUBJECT: CONDITIONS FOR HANSEN APPLICATION FOR PERMIT 65-13933

You asked that I rewrite the measurement condition for Hansen application for permit. The following is my understanding of what is needed:

The applicant is required to monitor water levels in two local wells and the irrigation well at static and pumping conditions and report their results during the initial pump test to the Idaho Dept. of Water Resources.

The applicant shall measure the static water level in the irrigation well and one (1) of the local wells using a method of measurement acceptable to the department, on a yearly basis prior to the irrigation season during the 5-year development period. The applicant will then report the results of the tests to IDWR each year before using the irrigation well.

The department retains jurisdiction to require monitoring of the water levels in the irrigation well and other local wells in the future.

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MEMORANDUM

TO: FILE

FROM: DANIEL A NELSON *DAN*

DATE: 6/20/00

SUBJECT: LARGE DIVERSION REQUIREMENTS FOR 65-13933

Daniel B. and Karen L. Hansen filed application for permit 65-13933. They were required to supply the information for the Large Diversion Requirements. I have received all of their information and it looks as though this information is satisfactory. The following is my review of the information supplied.

- c) **Effect on existing water rights:** Terry Scanlan, of Scanlan Engineering, performed a well search in the area of the permit. It looks as though the only wells truly effected by this permit will be wells owned by the applicant.
- d) **Sufficiency of water supply:** Mr. Scanlan, reviewed the well logs and geologic area of this well and determined that it may be difficult to attain the full diversion rate requested by the applicant. Mr. Scanlan suggested that monitoring be done after the well has been completed to determine the effects of the well on the aquifer. I agree with Mr. Scanlan's suggestion that the well be monitored since it is on the borderline between basin 65 and basin 63.
- e) **Good faith, delay, or speculation:** The applicant has sent us a letter showing the development costs of the project and has consulted with his bank and county planning and zoning committee. The applicant has put a great deal of effort into this permit and I am confident that this area has been satisfied.
- f) **Financial resources:** The applicant has supplied a letter from Jeffery W. Hancock of Key Bank. This letter states that the applicant has the financial ability to cover the estimated \$ 260,000.00 to completed the project.
- g) **Local public interest:** The applicant has supplied a letter from the Payette Planning and Zoning committee. This letter supports the applicant's project.

In conclusion, I would say that the applicant has met all of the criteria for the Large Diversion Requirements. The only questionable section of the information is the availability of water supply, which can be dealt with by monitoring the well.

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SCANLAN ENGINEERING

Groundwater and Environmental Engineering

RECEIVED

JUN 05 2000

WATER RESOURCES
WESTERN REGION

May 27, 2000

Mr. Dan Nelson
Idaho Department of Water Resources
2705 Airport Way
Boise, ID 83705

Subject: Application for Permit No. 65-13933

Dear Mr. Nelson,

On behalf of Daniel and Karen Hansen, Scanlan Engineering has conducted an investigation of groundwater conditions related to Application for Permit No. 65-13933. This work has been conducted to meet the requirement of IDAPA 37.03.08.040.05, parts c and d, and has included the following:

- (1) A search for wells located within a one-half mile radius of the well sites proposed under application for permit No. 65-13933
- (2) Review of the sufficiency of the water supply for the intended purpose, including evaluations of project water requirements and water availability
- (3) Evaluation of design, construction, or operation techniques to reduce the impact on other water rights

WELL SEARCH

The application for permit proposes a well site located in the NWNWNW of Section 18.

The well search was conducted using the following steps. First, a water right search was conducted to determine the existence of groundwater rights and associated wells within the search area. Second, Idaho Department of Water Resources (IDWR) well log files and computer database were searched to locate recorded wells within the four sections listed above. Third, a ground search was conducted to locate any other existing wells within a one-half mile radius of the NWNWNW Section 18.

The well log and computer database search was conducted for the following sections: T6N, R3W, Sections 7 and 18, and T6N, R4W, Sections 12 and 13. Note that portions of these sections are outside of the ½-mile search radius. Results are provided below.

MAY 27 2000

Water Right Search. A water right search (by point of diversion) of the four sections listed above found the following groundwater rights

- Water right license 63-07096 (Estate of Edna L. McVey) lists a point of diversion in the SESE Section 13, which is outside the one-half mile search radius. This water right has a diversion rate of 0.12 cfs for irrigation of 2.6 acres
- Water right license 63-08094 (Al Taylor and Esther H. Taylor) lists a point of diversion in the SENE Section 13. This water right has a diversion rate of 0.92 cfs for irrigation of 55 acres.
- The applicants, Daniel Hansen and Karen Hansen, own water right permit 63-12569. This permit lists a point of diversion in the NWSE Section 7, with a diversion rate of 0.22 cfs for stockwater and domestic uses
- Decreed water right 65-06458 (Russell Meroney and Leora Meroney) is thought to be associated with the applicants' ranch house. This water right authorizes diversion of 0.05 cfs for domestic and stockwater uses from a well located in the NWSE of Section 7. Actual well location would be the SWSE of Section 7

Well Log Search. Well logs (Well Driller's Reports) on file with IDWR were located to determine the potential presence of wells in the vicinity of the ½-mile search area

The well log search included both an on-line search of the IDWR database and a search of the IDWR paper well log files. The searches found 11 recorded wells. Ten logs were found in the well log files. A table of the search results and copies of the well logs are provided as Appendix A. Based on legal descriptions, the only one of these logs located within ½ mile of the NWNWNW Section 18 would be associated with Permit No. 764489. This permit is for a domestic well reportedly completed on May 18, 2000 with a listed location of the NENE Section 13. The owner's name is not listed in the database and a copy of the well log had not yet reached the paper file on the day that the search was conducted. The ground search suggests that this well log is actually located at a new home site in the NWNE of Section 13, rather than in the NENE of the section

One additional well log was located that was not in the IDWR well log files or database. This log was found in the IDWR water right files for license No. 63-08094, and is associated with a 350-foot deep irrigation well (Al Taylor) in the SENE Section 13.

Ground Search. The proposed well site vicinity was visited to locate additional wells that might not be recorded in the well log files or database. Within the ½-mile search radius of the NWNWNW Section 18, the ground search found the following well sites

1. A domestic well (depth unknown) is located at a mobile home in the NWNWSW Section 18.
2. A domestic well (depth unknown) is located at the applicant's ranch house in SWSWSE Section 7.

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3. An irrigation well (350 feet deep) is located in the NESENE Section 13. This is the well associated with license No. 63-08094 (see previous discussion)
4. A domestic well (248 feet deep) is located at a home site in the NWNE Section 13. This is the well associated with Permit 764489 (see previous discussion).

There are no other obvious existing well sites located within a ½-mile radius of the NWNWNW Section 18.

Well Search Results

Based on the IDWR water right and well log database searches, well log file search, and ground search, there appears to be four wells located within one-half mile of the NWNWNW Section 18. The applicant owns one of these wells

SUFFICIENCY OF THE WATER SUPPLY

Project Water Requirements

The application for permit proposes a diversion rate of up to 8.0 cfs for irrigation of 400 acres. In most years, water use will likely begin in mid April and end in mid October. Peak diversion rates will occur during the months of June, July, and August.

Assuming a typical crop mix (alfalfa, pasture, corn, grain, and sugar beets), peak period consumptive use (evapotranspiration) will be approximately 0.35 inches. Given an average irrigation efficiency of 75 percent for mixed center-pivot, hand-line, and wheel-line sprinklers, the peak period irrigation diversion rate requirement would be approximately 0.47 inches, or 8.8 gpm per acre. Thus, for a 400-acre place of use, peak period diversion requirement would be approximately 3,520 gpm (7.84 cfs)

According to the Allen and Brockway study (1983), the annual consumptive irrigation requirement at Caldwell ranges from 642 mm (2.11 acre feet per acre) for spring grain to 936 mm (3.07 acre feet per acre) for alfalfa. Therefore, the annual consumptive use for a 400 acre irrigated area might range from about 844 acre feet to 1,228 acre feet, depending on crop type. Annual diversion volume (assuming 75 percent efficiency), will range from 1,125 acre feet to 1,637 acre feet.

Aquifer Conditions and Production Potential

Hydrogeology. The proposed well site is underlain by sediment of the Idaho Group. The Idaho Group sediments consist of clay, ash, silt, sand, and fine gravel. Within the project area, the Idaho Group sediments likely extend to depths in excess of 1000 feet. Well logs for the surrounding area indicate that these sediments consist of layers of brown clay, sand, and mixed sand and clay. The sand layers are the potential aquifer zones within the project area. Locating sufficient thickness of these permeable materials will be a key to developing a successful water supply. Depth to water at the well site is anticipated to be 150 feet.

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Yields to Existing Wells. Well logs from the surrounding area provide the best indications of production potential. Of particular interest is the Mike Goodell irrigation well, located approximately one mile east of the proposed well site. This well was constructed to a depth of 410 feet, and taps aquifers between 230 and 410 feet. Estimated static water level at this site is 140 feet. According to data in the license file for water right 63-12576, a pump efficiency test at this well site in 1989 measured a discharge rate of 3.46 cfs (1,553 gpm) with a pumping level of 224 feet. Therefore, the well produces 1,553 gpm with approximately 84 feet of drawdown for an estimated specific capacity of 13.7 gpm/ft.

Production Potential at the Proposed Well Site. If aquifer hydraulic characteristics at the proposed well site are identical to conditions at the Goodell site, drawdown to achieve the 8.0 cfs maximum diversion rate would be about 194 feet. This amount of drawdown is excessive. Therefore, an 8.0 cfs diversion rate appears to be somewhat ambitious at the proposed well site unless aquifer conditions there are slightly better than at the Goodell well site. If aquifer conditions are identical to those at the Goodell site, a potential well yield in the range of 4 to 6 cfs is more reasonable.

Well Construction. The proposed well will be drilled to an approximately depth of 500 feet. Construction of the proposed well will likely consist of 16-inch casing and stainless steel well screen, installed in a nominal 28-inch diameter reverse-rotary borehole. If aquifer conditions appear favorable in the lower portion of the borehole, the well will be screened below 300 feet. This would provide 150 feet of available drawdown. The annular space between the well screen and the borehole will be filled with gravel pack. A bentonite well seal will extend above the gravel pack.

DESIGN, CONSTRUCTION, OR OPERATION TECHNIQUES TO REDUCE THE IMPACT ON OTHER WATER RIGHTS

The potential for the proposed well to impact existing wells depends on the following:

- (1) the hydraulic characteristics (transmissivity and storativity) of the aquifers tapped by the wells,
- (2) the pumping rate of the proposed well,
- (3) depths of existing and proposed wells
- (4) the distance between the proposed well and existing wells, and
- (5) the degree of hydraulic connection between the aquifer zones tapped by the proposed well and the existing wells.

Since the proposed well has not been constructed, determination of impacts to existing wells is speculative at this time. However, some items to consider are listed below.

- (1) There are very few nearby wells that could be impacted.

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- (2) Domestic wells in the area are typically completed at shallower depths than the target depth for the proposed well. The proposed well will probably be sealed through the uppermost aquifer zones. This construction technique should lessen the potential for direct well-to-well interference with domestic wells.
- (3) The groundwater level at the Al Taylor irrigation well, located approximately ¼-mile to the south of the proposed well site, has the most potential to be impacted by the proposed well. The Taylor well taps aquifer zones between 247 feet and 335 feet. The proximity and depth of Taylor well suggests some potential for interference with the proposed well. Somewhat less potential exists for interference with the Goodell irrigation well (one mile to the east of the proposed well site).
- (4) We are not aware of any reported long-term water-level declines in the project area. There are no nearby observation wells. The closest USGS-monitored observation well (7N3W34ABD) is located about four miles northeast of the proposed well site. There has been no significant water level decline at that well site since monitoring began in 1968. Although well 7N3W34ABD is too far away to provide significant data for the proposed well site, the lack of nearby monitoring wells might be an indication that significant water-level decline problems have not occurred in the project vicinity. Furthermore, the water right application was not protested by local well owners, suggesting that water level decline is not currently a significant local concern.

As with any new groundwater development, a water-level monitoring program is recommended to document water-level trends. This program might include (1) annual monitoring of water levels in one or more local wells, and (2) monitoring of water levels in nearby wells during test pumping of the proposed production well. The annual monitoring is useful for determining long-term water-level trends (both pre-development and post-development), while the test pumping monitoring is useful to measure direct well interference.

SUMMARY

- 1 Approximately 4 operating wells are located within ½-mile of the proposed well site, including one domestic/stock well (owned by the applicant), one irrigation well, and two domestic wells.
2. The proposed water right may require a peak diversion rate of nearly 8 cfs for irrigation use. Maximum annual diversion volume is estimated to be approximately 1,200 acre feet. Annual diversion volume and consumptive use will depend on crop type and the number of acres ultimately irrigated.
- 3 Aquifer conditions in the vicinity of the proposed well site appear to be conducive to construction of high capacity wells. It is not known, however, if the full 8 cfs proposed by application 65-13933 can be obtained from a single well.

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4. Water-level monitoring is recommended to document water-level trends and to assess well interference impacts.

Please contact me with any questions or comments concerning this investigation.

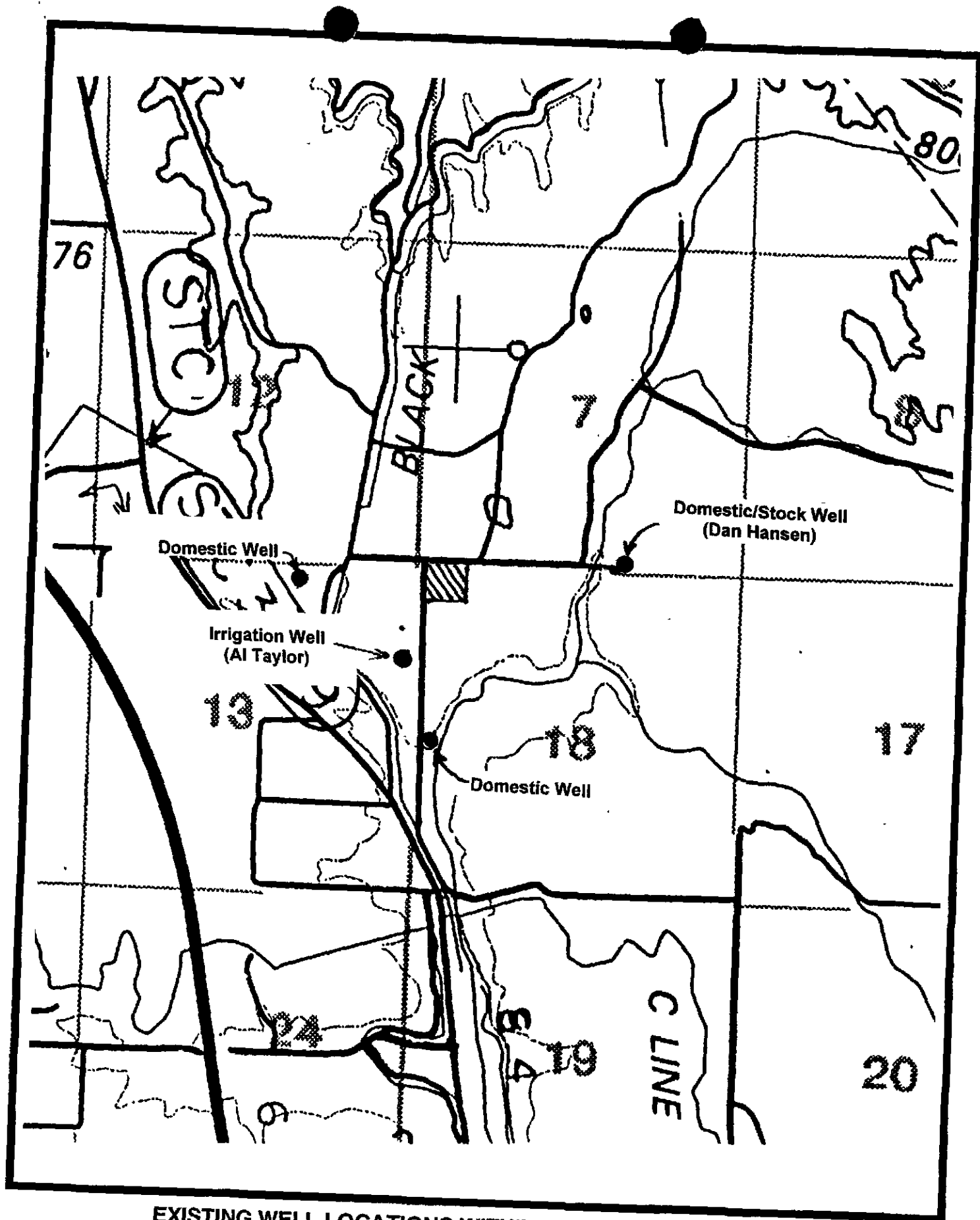
Sincerely,

A handwritten signature in cursive script, reading "Terry M. Scanlan".

Terry M. Scanlan, P.E., P.G.

Cc: Dan Hansen

MICROFILMED
NOV 28 2000



EXISTING WELL LOCATIONS WITHIN 1/2-MILE OF PROPOSED
WELL SITE (NWNWNW SECTION 18)

9/27/2000

IDAHO DEPARTMENT OF WATER RESOURCES
APPROPRIATION APPLICATION ANALYSIS SHEET

Data Entered

INITIAL REVIEW BY: DAN DATE: 2-23-2000 APPLICATION: 65-13933

REQUIRED INFORMATION

- ☒ Name: (If applicant is a corporation or partnership, names and addresses for the director, officers, and other partners must be included.)
- ☒ Address:
- ☒ Source: (See USGS Quad for names of water sources)
- ☒ Point of Diversion: (10 acres for spring, lot & block descriptions for Subdivisions, local name)
- ☒ County:
- ☒ Quantity: (flow and/or volume)
- ☒ Period of use:
- ☒ Nature of proposed use: (Include description of use)
- ☒ Description of diverting works:
- ☒ Time required for beneficial use of water:
- ☒ Place of use or acres irrigated:
- ☒ Map: (show T, R, S, QQ &/or QQQ)
- ☒ Subdivision plat: (for > 1 home in restricted area. $\geq$ 5 homes in non-restricted area)
- ☒ Signature: (If applicant is corp., partnership, or municipality, title of signatory is required)
- ☒ Correct fee paid

Gov't. Lots:

yes P/D
yes P/U

RECEIVED

JUL 28 2000

Department of Water Resources

ADDITIONAL INFORMATION

yes ADVERTISE REMARK(S)

(Reviewer identify which remarks)

☒

T FLAG CHANGED TO P FLAG

YES NO

- ☒ ☐ Overlapping place of use: (Describe source & relationship to present application on next page.)
- ☐ ☒ Overlapping point of diversion.
- ☐ ☒ Critical groundwater area:
- ☐ ☒ Groundwater management area:
- ☐ ☒ 1992 moratorium:
- ☐ ☒ Surface water source, IDFG letter needed.
- ☐ ☒ Protected river or minimum flow reach, notify water planning bureau.
- ☐ ☒ E-mail to SCA staff: (perennial stream, non-pump diversion &/or any mining).
- ☐ ☒ E-mail to Dam Safety staff: (for any storage)
- ☒ ☐ Mitigation plan: Check any that apply.
- ☐ ☐ immediate = acceptable plan required and submitted.
- ☒ ☐ future = open areas, acceptance of condition of approval is in file.
- ☐ ☒ Send power requirement letter &/or fish farm requirement letter.
- ☐ ☒ Power residency affidavit:
- ☒ ☐ Diversion greater than 5 cfs or 500 af or irrigation greater than 200 acres: (If yes, attach Large Diversion supplementary analysis sheet.)
- ☐ ☒ *REQUEST ADDITIONAL INFORMATION FROM THE APPLICANT

Large Diversion Require permits

Date Requested 2-23-2000 Date Response Received _____

PROCESSING

APP. NO.

25-13933

YES NO

☒ ☐ In form for advertising:
☒ ☐ Statewide advertising: (> 10 cfs &/or 1000 af)
☒ ☐ Fee amount, receipt number and date recorded on application:

SEND COPIES TO: NOTE IF E-MAIL COMMENT LETTER USED.

YES NO

☐ ☒ I.D. Health & Welfare
☐ ☒ I.D. District Health
☐ ☒ I.D. Fish & Game
☐ ☒ I.D. Lands

YES NO

☐ ☒ U.S. BLM
☐ ☒ U.S. Forest Service
☐ ☒ Water Dist. # _____
☐ ☒ Water Planning Bureau
☐ ☒ Other _____

FINAL REGIONAL PROCESSING REVIEW:

YES NO

☒ ☐ Affidavit of publication received:
☒ ☐ Application published correctly: If not, record action taken.

☒ ☐ Publication dates and paper recorded on application:
☐ ☒ Final date for protest 4-3-00
☐ ☒ Protests received.
☐ ☒ Recommendations attached:
☐ ☒ Measuring device required:
☐ ☒ Water delivered by water master? District # _____
☐ ☐ Special conditions of approval or cover letter: 046, 121, See also Dan Nelson
memo dated 7/26/00

See below for additional information

Recommended Date or Priority 2/22/00

Recommended by: Dan S Date: 7/26/00

ADDITIONAL INFORMATION:

District.

Black Canyon Irrigation Water is used
on 120 acres of this 520 acre farm.
This permit is for the lands not
covered by Black Canyon water. ~~Basin 63~~
and most of lands are south of the
Ridge that divide Basin 63 and Basin 65. The
Point of Diversion will be located on the north side
of the Ridge in Basin 65.

REQUEST TO PROCESS

COMPLETE REQUEST IF YOU WANT YOUR APPLICATION TO BE PROCESSED USING ONE OF THE
THREE ALTERNATIVES BELOW

Name of Applicant Daniel B. & Karen L. Hansen
Mailing Address 8393 Cherry Ln.
Nampa, Idaho 83687
Application No. _____
(if known)

 IN LOCAL PUBLIC INTEREST

Yes, I want my application processed and before it is advertised, I will amend my application to demonstrate that the proposed appropriation is in the local public interest including the need to preserve flows in the Snake River during the migration periods of anadromous fish.

 PROPOSE MITIGATION NOW

Yes, I want my application processed and before it is advertised, I will amend my application to include proposed mitigation to offset anticipated depletions in the Snake River during periods of anadromous fish migration.

X WILL AGREE TO MITIGATION IN THE FUTURE IF NECESSARY

Yes, I want my application processed at this time, and I will accept a condition of approval that will require mitigation should the Director of the Idaho Department of Water Resources determine that mitigation is necessary to offset depletions from this appropriation to flows in the Snake River during periods of anadromous fish migration. I understand that mitigation is not required now but may be needed in the future. I also understand that the Director will not require mitigation until I have an opportunity to review the process by which the need for mitigation is established and the amount of water required is quantified.

Signature

Daniel B. Hansen

Date

1/31/00

Please return this form to:

Idaho Dept. of Water Resources
Western Regional Office
2735 Airport Way
Boise, ID 83705-5082

MICROFILMED

NOV 28 2000

APPENDIX A

WELL LOGS FROM SEARCH AREA

MICROFILM

1970-1971

IDWR Data Base and Well Log File Search Results
(T6N, R3W, Section 7 and 18, T6N, R4W, Section 12 and 13)

Owner	Use	Yield				Static		Total Casing			Const. Date	Permit No.
		Twp	Rng	Sec	Tract	gpm	Water (ft)	Depth (ft)	Depth (ft)	Diam. (in)		
Trithart, Don*	Domestic-Single Residence	06N	03W	18	NESE	75	90	180	157	6	03/25/1999	733091
Gray, Lisa	Domestic-Single Residence	06N	04W	12	NWSW	20	35	90	85	6	04/12/1995	728938
Grey, Darin	Domestic-Single Residence	06N	04W	12	NWSW	50	150	255	245	6	05/19/1995	736631
Gray, Darin	Domestic-Single Residence	06N	04W	12	SWSW	30	265	285	275	6	06/19/1995	736653
Hayden, Leonard	Domestic-Single Residence	06N	04W	12	SW		115	145	145	6	02/04/1978	
	Domestic-Single Residence	06N	04W	13	NENE	50	146	248	-236	6	05/18/2000	764489
Albisu, Rich	Domestic-Single Residence	06N	04W	13	NWNW	50	140	208	208	6	08/27/1999	733557
Warfield, Chuck, Warfield, Tracy	Domestic-Single Residence	06N	04W	13	SWSW	25	80	228	228	6	12/30/1993	726663
Allen, Arthur	Domestic-Single Residence	06N	04W	13	NENW		100	185	170	6	07/12/1988	
Cline, Ruth	Domestic-Single Residence	06N	04W	13	SENW	23	105	249	249	6	06/16/1984	722138
Kersey, Clifford	Domestic-Single Residence	06N	04W	13	NW	20	130	238	238	6	06/16/1984	722138
Taylor, Al**	Irrigation	06N	04W	13	SENE		150	350	340	16	04/26/1975	

*wrong legal description suspected, address given for well site is in Emmett, Gem County

**well log found in water right files rather than well log files

MICROFILM

2011 11 01

IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

Use Typewriter or Ballpoint Pen

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

1. DRILLING PERMIT NO. 63-95-L-0199-000
Other IDWR No _____

2. OWNER:
Name Lisa Gray
Address 2615 Sand Hollow
City Caldwell State ID Zip 83605

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.

N							
W		E		S			
Twp <u> 06 </u>		North ☒ or South ☐		Rge <u> 04 </u>		East ☐ or West ☒	
Sec. <u> 12 </u>		1/4 NW 1/4 SW 1/4		Gov't Lot _____		County <u> Payette </u>	
Lat: _____		Long: _____		Address of Well Site <u> 2682 </u>		City <u> Caldwell </u>	
Sand Hollow Rd		(Give at least name of road + Distance to Road or Landmark)					

Lt _____ Blk. _____ Sub. Name _____

4. USE:

☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other _____

5. TYPE OF WORK check all that apply (Replacement etc.)

☒ New Well ☐ Modify ☐ Abandonment ☐ Other _____

6. DRILL METHOD

☐ Air Rotary ☒ Cable ☐ Mud Rotary ☐ Other _____

7. SEALING PROCEDURES

SEAL/FILTER PACK			AMOUNT		METHOD
Material	From	To	Sacks or Pounds		
INVIRO PLUG	0	30	12		CONDT PLUG

Was drive shoe used? ☒ N Shoe Depth(s) 85

Was drive shoe seal tested? ☒ N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6	~1	85	250	STEEL	☒	☐	☒	☐

Length of Headpipe 10' Length of Tailpipe 0

9. PERFORATIONS/SCREENS

☐ Perforations Method _____
☒ Screens Screen Type Johnson

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
85	90	020	1	5"	STAINLESS	☐	☒

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE

35 ft. below ground Artesian pressure _____ lb.

Depth flow encountered _____ ft. Describe access port or control devices: CAP

11. WELL TESTS:

☒ Pump ☐ Bailor ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Pumping Level	Time
20	10'	90	4-14

Water Temp. 68 Bottom hole temp. _____

Water Quality test or comments: Good

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
9	0	9	Top Soil		
8	9	26	Sandy Clay		
8	26	35	clay BROWN		
6	35	69	SOFTENED GRASS		
6	69	85	clay BROWN		
6	85	90	COATS SAND		

RECEIVED

FEB 29 1996

WATER RESOURCES
WESTERN REGION

RECEIVED

JAN 26 1996

Department of Water Resources

Completed Depth 4-12-95 (Measurable)

Date: Started 3-20-95 Completed 4-12-95

13. DRILLER'S CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name Rock Martin Drilling Firm No. 211

Firm Official Ron C Drilling Date 4-2-95

Supervisor or Operator _____ Date _____

(Sign once if Firm Official & Operator)

IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

Use Typewriter or Ballpoint Pen

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

1. DRILLING PERMIT NO. 65-95-W-0090-000

Other IDWR No. _____

2. OWNER:

Name Darin Gray

Address 2615 Sand Hollow Rd.

City Caldwell State Id Zip 83605

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.

N					
W		E			
S					

Twp. 6N North ☒ or South ☐
Rge. 4W East ☐ or West ☒
Sec. 12 1/4 NW 1/4 SW 1/4
Gov't Lot _____ County _____
Lat: _____ Long: _____
Address of Well Site 2682 Sand Hollow Rd
Ext 13 ON T-84 Turn East City Caldwell
(Give at least name of road + Distance to Road or Landmark)
1/2 mile to stop sign cross over road lower house
Lt. _____ Bk. _____ Sub. Name on hill.

4. USE:

- ☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other _____

5. TYPE OF WORK check all that apply (Replacement etc)

- ☒ New Well ☐ Modify ☐ Abandonment ☐ Other _____

6. DRILL METHOD

- ☐ Air Rotary ☒ Cable ☐ Mud Rotary ☐ Other _____

7. SEALING PROCEDURES

SEAL/FILTER PACK			AMOUNT		METHOD
Material	From	To	Sacks or Pounds		
Bentonite	0	35	200		powdered

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 245

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

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6"	+2	245	250		☒	☐	☒	☐

Length of Headpipe 5' Length of Tailpipe 0

9. PERFORATIONS/SCREENS

- ☐ Perforations Method _____

- ☒ Screens Screen Type Johnson Screen

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
240	245			5"		☒	☐
245	255	25		5"		☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

150 ft. below ground Artesian pressure MICROFILM

Depth flow encountered 245 ft. Describe access port or

control devices: NOV 28 2000

11. WELL TESTS:

- ☐ Pump ☐ Bailor

- ☒ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Pumping Level	Time
50	220		4 hrs.

Water Temp. _____ Bottom hole temp. _____

Water Quality test or comments: _____

Depth first Water Encountered 150

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
10"	0	2	Top Soil		X
10"	2	35	Brown Sandy Clay		X
6"	35	50	Brown Sand		X
6"	50	130	Brown Sandy Clay		X
6"	130	145	Brown Clay		X
6"	145	160	Brown Sand	X	
6"	160	215	Brown Sandy Clay		X
6"	215	245	Brown Clay		X
6"	245	255	Brown Sand	X	

RECEIVED

JUN 05 1995

WATER RESOURCES
WESTERN REGION

Completed Depth 255 (Measurable)
Date Started 5/8/95 Completed 5/19/95

13. DRILLER'S CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name A-7 Drilling Company Firm No. 563

Firm Official George Redt Date 5/30/95

and

Supervisor or Operator _____ Date _____

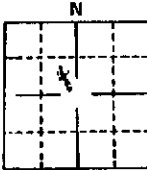
(Sign once if Firm Official & Operator)

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

USE TYPEWRITER OR BALLPOINT

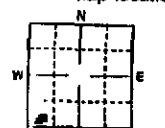
State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

JUN 20 1984

1. WELL OWNER Name <u>Ruth Cline</u> Address <u>Rt 5 Box 167A Caldwell, IDA</u> Owner's Permit No. <u>63-84-C-0084-000</u>	7. WATER LEVEL Department of Water Resources Static water level <u>10.5</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>64</u> °F. Quality <u>10 g.p.a.</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 ☐ Bailer ☐ Air ☐ Other _____ <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Discharge G.P.M.</th> <th>Pumping Level</th> <th>Hours Pumped</th> </tr> </thead> <tbody> <tr> <td><u>10</u></td> <td><u>16.4</u></td> <td><u>1</u></td> </tr> <tr> <td><u>18</u></td> <td><u>12.3</u></td> <td><u>1</u></td> </tr> <tr> <td><u>23</u></td> <td><u>15.4</u></td> <td><u>1</u></td> </tr> </tbody> </table>	Discharge G.P.M.	Pumping Level	Hours Pumped	<u>10</u>	<u>16.4</u>	<u>1</u>	<u>18</u>	<u>12.3</u>	<u>1</u>	<u>23</u>	<u>15.4</u>	<u>1</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" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Bore Diam.</th> <th colspan="2">Depth</th> <th rowspan="2">Material</th> <th rowspan="2">Water Yes/No</th> </tr> <tr> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>8"</td> <td>0</td> <td>2</td> <td>Top Soil</td> <td></td> </tr> <tr> <td>8"</td> <td>2</td> <td>13</td> <td>clayey clay</td> <td></td> </tr> <tr> <td>8"</td> <td>13</td> <td>18</td> <td>mucky sand</td> <td></td> </tr> <tr> <td>8"</td> <td>18</td> <td>28</td> <td>light brown sandy clay</td> <td></td> </tr> <tr> <td>6"</td> <td>28</td> <td>103</td> <td>light brown sandy clay</td> <td></td> </tr> <tr> <td></td> <td>103</td> <td>107</td> <td>hard compacted clay</td> <td></td> </tr> <tr> <td></td> <td>107</td> <td>167</td> <td>light brown sandy clay</td> <td></td> </tr> <tr> <td></td> <td>167</td> <td>171</td> <td>blow sand - fine</td> <td></td> </tr> <tr> <td></td> <td>171</td> <td>181</td> <td>clay - brown</td> <td></td> </tr> <tr> <td></td> <td>181</td> <td>191</td> <td>coarse sand</td> <td></td> </tr> <tr> <td></td> <td>191</td> <td>203</td> <td>sandy clay - brown</td> <td></td> </tr> <tr> <td></td> <td>203</td> <td>217</td> <td>sticky clay</td> <td></td> </tr> <tr> <td></td> <td>217</td> <td>223</td> <td>rotten brown clay</td> <td></td> </tr> <tr> <td></td> <td>223</td> <td>234</td> <td>fine brown sand</td> <td></td> </tr> <tr> <td>6"</td> <td>234</td> <td>249</td> <td>coarse sand</td> <td></td> </tr> </tbody> </table>	Bore Diam.	Depth		Material	Water Yes/No	From	To	8"	0	2	Top Soil		8"	2	13	clayey clay		8"	13	18	mucky sand		8"	18	28	light brown sandy clay		6"	28	103	light brown sandy clay			103	107	hard compacted clay			107	167	light brown sandy clay			167	171	blow sand - fine			171	181	clay - brown			181	191	coarse sand			191	203	sandy clay - brown			203	217	sticky clay			217	223	rotten brown clay			223	234	fine brown sand		6"	234	249	coarse sand	
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4. METHOD DRILLED ☐ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary ☒ Cable ☐ Dug ☐ Other _____	10. Work started <u>June 8-84</u> finished <u>June 16-84</u>																																																																																		
5. WELL CONSTRUCTION Casing schedule ☒ Steel ☐ Concrete ☐ Other _____ <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Thickness</th> <th>Diameter</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td><u>250</u> inches</td> <td><u>6</u> inches</td> <td><u>1.6</u> feet</td> <td><u>240</u> feet</td> </tr> <tr> <td><u>258</u> inches</td> <td><u>5</u> inches</td> <td><u>244</u> feet</td> <td><u>249</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 _____ inches by _____ inches Number _____ From _____ To _____ _____ perforations _____ feet _____ feet _____ perforations _____ feet _____ feet _____ perforations _____ feet _____ feet Well screen installed? ☒ Yes ☐ No Manufacturer's name <u>Johanson</u> Type <u>304 stainless</u> Model No. _____ Diameter <u>5</u> Slot size <u>36</u> Set from <u>240</u> feet to <u>244</u> 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>28</u> Material used in seal. ☐ Cement grout ☐ Bentonite ☒ Puddling 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>Top of casing</u>	Thickness	Diameter	From	To	<u>250</u> inches	<u>6</u> inches	<u>1.6</u> feet	<u>240</u> feet	<u>258</u> inches	<u>5</u> inches	<u>244</u> feet	<u>249</u> feet	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>Asac Well Drilling</u> Firm No. <u>399</u> Address <u>937 West town</u> Date <u>June 16-84</u> Signed by (Firm Official) <u>[Signature]</u> and (Operator) <u>same</u>																																																																						
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6. LOCATION OF WELL Sketch map location must agree with written location. N W  E Subdivision Name _____ Lot No. <u>MICRO</u> Block No. _____ County <u>Payette</u> SE 1/4 NW 1/4 Sec 13 T 6 N 4 E 4	10. Work started <u>June 8-84</u> finished <u>June 16-84</u>																																																																																		

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>Tracy Warfield</u> Address <u>2390 Sandhollow Rd</u> Drilling Permit No. <u>63-C-1206-000</u> Water Right Permit No. <u>(63-93-C-1206-000)</u>		7. WATER LEVEL Static water level <u>80</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 _____ °F Quality _____ Describe artesian or temperature zones below _____																																																													
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement ☐ Well diameter increase ☐ Modification ☐ Abandoned (describe abandonment or modification procedures such as liners, screen, materials, plug depths, etc. in lithologic log, section 9)		8. WELL TEST DATA ☒ Pump ☐ Bailor ☐ 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>35</u></td><td><u>8057</u></td><td><u>3</u></td></tr></tbody></table>		Discharge G.P.M.	Pumping Level	Hours Pumped	<u>35</u>	<u>8057</u>	<u>3</u>																																																						
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4. METHOD DRILLED ☐ Rotary ☐ Air ☐ Auger ☐ Reverse rotary ☒ Cable ☐ Mud ☐ Other _____ (backhoe, hydraulic, etc.)		10. Work started <u>12-4-92</u> finished <u>12-30-92</u>																																																													
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6. LOCATION OF WELL Sketch map location must agree with written location  Subdivision Name _____ Lot No. _____ Block No. _____ County <u>Payette</u> Address of Well Site <u>2390 Sandhollow Rd</u> (give at least name of road) <u>Sub 13</u> T. <u>06</u> N. ☒ or S. ☐ R. <u>04</u> E. ☐ or W. ☒		RECEIVED FEB 03 1994 WATER RESOURCES WESTERN REGION																																																													

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.

[illegible]

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>Arthur Allen</u> Address _____ Owner's Permit No. <u>63-08-2-067</u>	7. WATER LEVEL Static water level <u>100'</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 _____ of Quality _____ 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 _____ <table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th>Discharge G.P.M.</th><th>Pumping Level</th><th>Hours Pumped</th></tr></thead><tbody><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></tbody></table>	Discharge G.P.M.	Pumping Level	Hours Pumped																																							
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6. LOCATION OF WELL Sketch map location <u>must</u> agree with written location. N W X E S Subdivision Name _____ Lot No. _____ Block No. _____ County _____ <u>NE 1/4 NW 1/4 Sec 13, T. 6, R. 4, E. 10</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 _____ Firm No. _____ Address _____ Date _____ Signed by (Firm Official) _____ and _____ (Operator) <u>Mike Paul</u>																																										

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

1. WELL OWNER Name <u>Clifford Kersey</u> Address <u>Rt. 7 - Caldwell</u> Owner's Permit No. _____	7. WATER LEVEL Static water level <u>130</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) _____	8. WELL TEST DATA ☐ Pump ☒ Bailor ☐ Other Discharge G.P.M. <u>20</u> Draw Down <u>130</u> Hours Pumped <u>1</u>																																															
3. PROPOSED USE ☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal ☐ Industrial ☐ Stock	9. LITHOLOGIC LOG <table border="1"><thead><tr><th rowspan="2">Hole Diam.</th><th colspan="2">Depth</th><th rowspan="2">Material</th><th rowspan="2">Water Yes ☐ No ☐</th></tr><tr><th>From</th><th>To</th></tr></thead><tbody><tr><td>6</td><td>0</td><td>10</td><td>Soil</td><td></td></tr><tr><td></td><td>10</td><td>18</td><td>Gravel</td><td></td></tr><tr><td></td><td>18</td><td>70</td><td>Clay</td><td></td></tr><tr><td></td><td>70</td><td>114</td><td>Sandy clay</td><td></td></tr><tr><td></td><td>114</td><td>117</td><td>Sand</td><td></td></tr><tr><td></td><td>117</td><td>224</td><td>Sandy clay</td><td></td></tr><tr><td></td><td>224</td><td>231</td><td>Clay</td><td></td></tr><tr><td></td><td>231</td><td>238</td><td>Sand</td><td></td></tr></tbody></table>	Hole Diam.	Depth		Material	Water Yes ☐ No ☐	From	To	6	0	10	Soil			10	18	Gravel			18	70	Clay			70	114	Sandy clay			114	117	Sand			117	224	Sandy clay			224	231	Clay			231	238	Sand	
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4. METHOD DRILLED ☒ Cable ☐ Rotary ☐ Dug ☐ Other																																																
5. WELL CONSTRUCTION Diameter of hole <u>6</u> inches Total depth <u>238</u> feet Casing schedule: ☒ Steel ☐ Concrete Thickness <u>250</u> inches Diameter <u>6</u> inches From <u>1</u> feet To <u>238</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 <u>Johnson</u> Type _____ Model No. _____ Diameter <u>5</u> Slot size <u>18</u> Set from <u>232</u> feet to <u>238</u> 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 <u>70</u> feet Material used in seal ☐ Cement grout ☒ Puddling clay																																																
6. LOCATION OF WELL Sketch map location must agree with written location.  County <u>Payette</u> <u>111</u> <u>11</u> <u>SW</u> <u>1/4</u> Sec. <u>13</u> T. <u>6</u> N. R. <u>4</u> W.	10. Work started <u>7-18-71</u> finished <u>7-27-71</u> 11. DRILLER'S CERTIFICATION This well was drilled under my supervision and this report is true to the best of my knowledge. <u>H. C. Nicholson</u> 54 Driller's or Firm's Name Number <u>921. Orth and So Payette</u> Address <u>H. C. Nicholson 8-10-71</u> Signed By Date																																															

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.

WELL OWNER

Name Al Taylor

Address Route #7 @ Caldwell, Idaho

Owner's Permit No 63-8211

NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement

☐ Abandoned (describe method of abandoning)

PROPOSED USE

☐ Domestic ☒ Irrigation ☐ Test ☐ Other (specify type)

☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection

METHOD DRILLED

Reverse

☐ Cable ☒ Rotary ☐ Dug ☐ Other

WELL CONSTRUCTION

Diameter of hole 28 inches Total depth 350 feet
(using schedule) ☒ Steel ☐ Concrete

Thickness	Diameter	From	To
250 inches	16 inches	+ 2 feet	247 feet
250 inches	16 inches	277 feet	305 feet
250 inches	16 inches	335 feet	340 feet
inches	inches	feet	feet
inches	inches	feet	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 Johnson Irrigator

Type _____ Model No. _____

Diameter 1 1/2 Slot size 100 Set from 247 feet to 277 feet

Diameter 1 1/2 Slot size 100 Set from 305 feet to 335 feet

Gravel packed? ☒ Yes ☐ No Size of gravel 3/8-

Placed from -70 feet to 350 feet

Surface seal depth 70' Material used in seal ☐ Cement grout

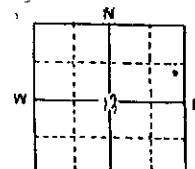
☒ Pudding clay ☐ Well cuttings

Sealing procedure used ☐ Sherry pit ☐ Temporary surface casing

☒ Overbore to seal depth

LOCATION OF WELL

Sketch map location must agree with written location.



Subdivision Name _____

Lot No _____ Block No _____

County Payette

1/4 Sec. 13 T. 11 N/S, R. 10 E/W

7. WATER LEVEL

Static water level 150 feet below land surface

Flowing? ☐ Yes ☐ No GPM flow _____

Temperature _____ ° F. Quality _____

Artesian closed in pressure _____ psi

Controlled by ☐ Valve ☐ Cap ☐ Plug

8. WELL TEST DATA

☐ Pump ☐ Bailer ☐ Other

Discharge G.P.M.	Draw Down	Hours Pumped

9. LITHOLOGIC LOG

Hole Diam	Depth		Material	Water	
	From	To		Yes	No
	1	33	sand		
	33	38	brown clay		
	38	48	brown sand		
	48	53	brown clay		
	53	60	course brown sand		
	60	62	brown clay		
	62	92	brown sand		
	92	96	gray clay		
	96	105	brown sand		
	105	110	brown clay		
	110	127	brown sand		
	127	136	brown clay		
	136	147	course gray sand		
	147	150	gray clay		
	150	162	gray sand		
	162	167	brown clay		
	167	198	course gray sand		
	198	203	brown clay		
	203	207	brown sand		
	207	215	brown clay		
	215	226	brown sand		
	226	238	brown clay		
	238	248	brown sand		
	248	250	brown clay		
	250	264	course brown sand		
	264	268	brown clay		
	268	272	course brown sand/pea gravel		
	272	273	brown clay		
	273	277	brown sand		
	277	307	brown clay		
	307	335	brown sand		
	335	342	brown clay		
	342	346	gray sand		
	346	350	brown clay		

10.

Work started 4/23/75 finished 4/26/75

11. DRILLERS CERTIFICATION

Firm Name Pete Cope Drilling Co., Inc. Firm No. 213

Address P.O. Box 561-Meridian Date 4/28/75

Signed by (Firm Official) _____

and

(Operator) James E. Jones

MICROFILMED

NOV 28 2000

**APPENDIX B
LOG FOR MIKE GOODELL
(LEONARD HAYDEN) WELL, ONE
MILE EAST OF THE PROJECT SITE**

MICROFILMED

2000

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.

RECEIVED

MAY 28 1988

WELL OWNER

Name

Leonard Hayden (Hayden Farms)

Address

Rt. #5 - Box 173A - Caldwell, ID 83605

Owner's Permit No.

7. WATER LEVEL

Static water level

feet below land surface

Flowing?

☐ Yes ☒ No

Artesian closed in pressure

p.s.i.

Controlled by

☐ Valve ☐ Cap ☐ Plug

Temperature

OF

Quality

2. NATURE OF WORK

☒ New well

☐ Deepened

☐ Replacement

☐ Abandoned (describe method of abandoning)

3. PROPOSED USE

☐ Domestic

☐ Irrigation

☐ Test

☐ Municipal

☐ Industrial

☐ Stock

☐ Waste Disposal or Injection

☐ Other (specify type)

1. METHOD DRILLED

☐ Rotary

☐ Air

☐ Hydraulic

☒ Reverse rotary

☐ Cable

☐ Dug

☐ Other

4. WELL CONSTRUCTION

Casing schedule

☒ Steel ☐ Concrete ☐ Other

Thickness	Diameter	From	To
250 inches	16 inches	2	232 feet
250 inches	16 inches	280	312 feet
250 inches	16 inches	332	350 feet
250 inches	16 inches	410	420 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

Roscoe Loss

Type

Model No

Regular

Diameter

Slot size

Set from

feet to

feet

Diameter

Slot size

Set from

feet to

feet

Gravel packed?

☒ Yes ☐ No

Size of gravel

3/8

Flared from

feet to

feet

Surface seal depth

82 feet

Material used in seal

☐ Cement grout

☒ Pudding clay

☐ Well cuttings

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

2"

5. LOCATION OF WELL

Sketch map location must agree with written location

N

W

E

S

Payette

Subdivision Name

Lot No

Block No.

6. WELL TEST DATA

☐ Pump

☐ Baller

☐ Air

☐ Other

Discharge G.P.M.	Pumping Level	Hours Pumped

9. LITHOLOGIC LOG

Hole Diam.	Depth	Material	Water
From	To		Yes No
28"	0	3	
	3	7	
	7	11	
	11	14	
	14	24	
	24	34	
	34	36	
	36	41	
	41	54	
	54	64	
	64	74	
	74	84	
	84	94	
	94	109	
	109	114	
	114	124	
	124	128	
	128	130	
	130	154	
	154	156	
	156	160	
	160	164	
	164	189	
	189	204	
	204	214	
	214	219	
	219	222	
	222	224	
	224	229	
	229	234	
	234	241	
	241	244	

10

Work started

4-29-81

finished

5-1-81

11. DRILLERS CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

PLTL COPE DRILLING CO.

Firm Name

P.O. Box 501

Address

Caldidian, ID 83642

Date

5-2-81

Signed by (Firm Official)

and

(Operator)

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.

Page 2

Page 2

WELL OWNER

Name Leonard Hayden (Hayden Farms)

Address _____

Owner's Permit No. _____

NATURE OF WORK

- ☐ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe method of abandoning) _____

PROPOSED USE

- ☐ Domestic ☐ Irrigation ☐ Test ☐ Municipal
☐ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other _____ (specify type)

METHOD DRILLED

- ☐ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary
☐ Cable ☐ Dug ☐ Other _____

WELL CONSTRUCTION

Casing schedule. ☐ Steel ☐ Concrete ☐ Other _____

Thickness	Diameter	From	To
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet

Was casing drive shoe used? ☐ Yes ☐ NoWas a packer or seal used? ☐ Yes ☐ NoPerforated? ☐ Yes ☐ NoHow 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 depth _____ Material used in seal: ☐ Cement grout☐ Puddling clay ☐ Well cuttingsSealing procedure used: ☐ Slurry pit ☐ Temp. surface casing☐ Overbore to seal depthMethod of joining casing: ☐ Threaded ☐ Welded ☐ Solvent

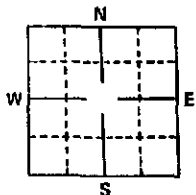
Weld

☐ Cemented between strata

Describe access port _____

LOCATION OF WELL

Sketch map location must agree with written location.



Subdivision Name _____

Lot No. _____

County _____

_____% ____% Sec. _____, T _____, N/S, R _____ E/W

7. WATER LEVEL

Static water level _____ feet below land surface

Flowing? ☐ Yes ☐ No G.P.M. flow _____

Artesian closed in pressure _____ psi

Controlled by: ☐ Valve ☐ Cap ☐ Plug

Temperature _____ OF Quality _____

8. WELL TEST DATA

- ☐ Pump ☐ Bailer ☐ Air ☐ Other _____

Discharge G.P.M.	Pumping Level	Hours Pumped

9 LITHOLOGIC LOG

Hole Diam.	Depth		Material	Water	
	From	To		Yes	No
28"	244	247	Fine to Med Sand w/ Silty Clay		
	247	254	Fine to Crse. Sand w/ sm. At. Pea Gravel		
	254	260	Fine to Coarse sand & pea gravel		
	260	262	Brn. Silty Clay w/ sm. Amt. Fine Sand		
	262	270	Fine to coarse sand		
	270	279	Brn. Silty Clay		
	279	281	Fine to coarse sand		
	281	284	Lt. Brn. Silty Clay		
	284	294	Brn. Silty Clay		
	294	304	Blue Silty Clay		
	304	312	Lt. Brn. Silty Clay		
	312	320	Fine to coarse Sand w/ Sma. Amt. Pea Gravel		
	320	324	Lt. Brn. Silty Clay		
	324	331	Fine to coarse Sand		
	331	349	Lt. Brn. Silty Clay w/ sma. amt. Fine to Coarse Sand		
	349	353	Fine to crse. sand w/ sm. at. pea grvl.		
	353	359	" " " " w/ small gravel		
	359	364	Fine to Med. Sand		
	364	382	Fine to crse. sand w/ sm. amt. Pea Gravel		
	382	384	Fine to crse. Sand w/ Silty Clay		
	384	388	Lt. Brn. Silty Clay		
	388	390	" " " " w/ Sm. Amt. Fine to coarse sand		
	390	394	Fine to coarse Sand & Silty Clay mixed		
	394	412	Fine to coarse sand		
	412	414	" " " clay mixed		

10.

Work started _____ finished _____

11. DRILLERS CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name _____ Firm No. _____

Address _____ Date _____

Signed by (Firm Official) _____

and
(Operator)

June 7, 2000

Daniel B. and Karen L. Hansen
8393 Cherry Lane
Nampa, Idaho 83687

RECEIVED

JUN 09 2000

WATER RESOURCES
WESTERN REGION

Mr. Daniel A. Nelson
10 WR Western Region
2735 Airport Way
Boise, Idaho 83705-5082

Subject: Irrigation Development Costs for Application #65-13933.

Dear Mr. Nelson:

Regarding the above referenced application, I have researched the associated development costs. We stand ready and financially able to complete this project.

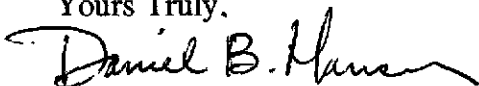
Following is a budget for the general components of this project:

1)	WELL, PUMP AND ELECTRICAL WORK	\$50,000.00
2)	UNDERGROUND PIPING	\$50,000.00
3)	IMPROVEMENT TO EXISTING POND	\$20,000.00
4)	SPRINKLER IRRIGATION EQUIPMENT	<u>\$140,000.00</u>
	TOTAL	\$260,000.00

The above costs would accommodate another 400 acres under sprinkler irrigation and compliment the existing irrigated agricultural land on this farm.

Please call if you have any further questions or requirements.

Yours Truly,



Daniel B. Hansen

MICROFILMED

NOV 28 2000



PrivateBank

June 10, 2000

RECEIVED

JUN 15 2000

WATER RESOURCES
WESTERN REGION

State of Idaho
Department of Water Resources
Western Region
2735 Airport Way
Boise, ID 83705

KeyBank
Mailcode ID-56-KF-1201
702 W. Idaho, 12th Floor
Boise, ID 83702

(208) 364-8760
(800) 777-5391
(208) 364-8757 Fax

ATTN: Daniel A. Nelson

Dear Mr. Nelson:

Daniel Hansen has asked me to write you a letter regarding his application for an irrigation well on his Sand Hollow Ranch at 6300 S.E. 7th St. in Caldwell. Specifically, I would like to address Dan's financial strength and ability to pay for the \$260,000 (est.) cost of the well pump, underground piping, sprinkler system and improvements to the existing pond.

I am confident that Dan has the ability through either his own resources or bank borrowing arrangements to finance this irrigation well. If he were to ask KeyBank for assistance in financing the well, I would anticipate that we would look very favorably upon such a loan request. His banking relationship is valuable to us and we have enjoyed working with him.

If you should have any other questions or need further information us regarding this matter, please do not hesitate to call me at 364-8762.

Sincerely,

Jeffrey W. Hancock
Vice President

Jeffrey W. Hancock, CFP
Vice President
Relationship Manager
Private Banking and Investing



PrivateBank

(208) 383-0214 Home
E-Mail
jeff_hancock@keybank.com

KeyBank
702 W Idaho Street, 12th Floor
Boise, ID 83702
(208) 364-8762
(800) 777-5391 Ext 8762
(208) 364-8757 Fax
(208) 890-1194 Cellular

MICROFILMED

JUN 23 2000

RECEIVED

JUN 02 2000

WATER RESOURCES
WESTERN REGION

PAYETTE COUNTY
PLANNING AND ZONING

PAYETTE COUNTY COURTHOUSE
P.O. BOX DRAWER D
PAYETTE, IDAHO 83661
208-642-6018

June 1, 2000

Daniel Nelson
State of Idaho
Dept. of Water Resources W. Reg.
2735 Airport Way
Boise, Id. 83705-5082

Dear Mr. Nelson;

Daniel Hanson contacted our office concerning an application for an irrigation well in Payette County (Ref. Application 65-13933). An objective of the Payette County Comprehensive Plan, is to encourage development of additional irrigated land in the county when and where it is economically feasible.

Based upon County's overall agricultural plan, additional agricultural land would be welcomed.



Donald L. Dressen
Planning and Zoning Administrator

Cc: Daniel Hanson
8393 Cherry lane
Nampa, Idaho 83687

MICROFILMED

JUN 28 2000

Affidavit of Publication

RECEIVED

STATE OF IDAHO,
COUNTY OF PAYETTE

ss.

MAR 23 2000

WATER RESOURCES
WESTERN REGION

Notice of Application for Water Right
TITLE OF PUBLICATION

SPONSOR OF PLAINTIFF

Dept. of Water Resources
PLAINTIFF OR LEGAL AGENT

I, Lisa M Hawkins being
duly sworn, deposes and says:

That *She is the principal clerk* of

THE INDEPENDENT-ENTERPRISE, a weekly newspaper published at Payette, in the County of Payette and State of Idaho; that said paper has been and is in general circulation in the county aforesaid, and in the vicinity of Payette; that the advertisement, a copy of which is attached hereto, was published in said newspaper once a week for *two* consecutive weeks in the regular and entire issue of said paper during the period and time of publication, and was published in the newspaper proper and not a supplement; that said paper has been established and regularly published for more than seventy-eight consecutive weeks prior to the date of first publication of said advertisement.

Such notice was published in the issue beginning with *March 15, 2000*, and ending with the issue of *March 22, 2000*.

STATE OF IDAHO
COUNTY OF

On this *23rd* day of *March* in the year of *2000*, before me, a Notary Public, personally appeared *Lisa Hawkins* known or identified to me to be the person whose name subscribed to the within instrument, and being by me first duly sworn, declared that the statements therein are true, and acknowledged to me that he executed the same.

Margaret J. Rhinehart
Notary Public for Idaho
Residing at *Payette, Idaho*
My commission expires: *12-1-04*

STATEMENT

Independent-Enterprise

PAYETTE, IDAHO

Number of Lines *64*

Number of Insertions *two (2)*

64 Lines @ *1.21* ... \$ *77.44*

64 Lines @ *1.02* ... \$ *65.28*

TOTAL COST
WILL BE \$ *142.72*

Copy of Notice (First Copy)

NOTICE OF APPLICATION FOR WATER RIGHT

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

63-12569

HANSEN, DANIEL B.
HANSEN, KAREN
8393 CHERRY LANE
NAMPA, ID 83687
Source: GROUNDWATER
Diversification Pt: NWSE Sec. 7 T 06N R 03W in Payette County.
Use: DOMESTIC (0.080 CFS)
STOCKWATER (0.140 CFS)
Total Diversion: (0.220 CFS)

Date Filed: 2/22/2000
In: PAYETTE County
T06N R03W S07 SENE NWSE
Applicant agrees to mitigate consumptive use in the future as needed to divert groundwater from the 50 to 500 ft water bearing zone.

65-13932

STOUNE, J L
609 SW 5TH ST
ONTARIO, OR 97914
Source: GROUNDWATER
Diversification Pt: NWSW Sec 35 T 08 N R 04 W in PAYETTE County.
Use: AESTHETIC STORAGE (36.80 AF)
Total Diversion: (36.80 AF)
Date Filed: 1/24/2000
In: PAYETTE County
T08N R04W S35 NWSW
Applicant agrees to mitigate consumptive use in the future as needed.

65-13933

HANSEN, DANIEL B
HANSEN, KAREN L
8393 CHERRY LN
NAMPA, ID 83687
Source: GROUNDWATER
Diversification Pt: LOT 1 (NWNW) Sec 18 T 06N R 03W in PAYETTE County.
Use: IRRIGATION (8.000 CFS)
Total Diversion: (8.000 CFS)
Date Filed: 2/22/2000
In: PAYETTE County
T06N R03W S06 SESE
S07 NENE SWNE SENE NWSE SWSE
S18 NENW Lot 1(NWNW) Lot 2(SWNW) SENW
400.0 ACRES TOTAL
Applicant agrees to mitigate consumptive use in the future as needed.

Permits will be subject to all prior water rights. Protests may be submitted based on the criteria of Sec. 42-203A, Idaho Code. Any protest against the approval of this application must be filed with the Director, Dept. of Water Resources, Western Region, 2735 Airport Way, Boise, Idaho 83705 together with a protest fee of \$25.00 for each application on or before APRIL 3, 2000. The protestant must also send a copy of the protest to the applicant.

KARL J. DREHER, Director

No. 20

March 15, 22

MICROFILM



State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region, 2735 Airport Way, Boise, Idaho 83705-5082 - (208) 334-2190

FAX (208) 334-2348

DIRK KEMPTHORNE
GOVERNOR

KARL J. DREHER
DIRECTOR

5/3/2000

DANIEL B OR KAREN L HANSEN
8393 CHERRYLANE
NAMPA ID 83687

COPY

RE: APPLICATION FOR PERMIT 65-13933

Dear Mr. and Ms. Hansen:

Your application for permit for irrigation, 65-13933, has completed advertising without being protested. We can now continue with the processing of this permit once we receive the information requested in the letter I sent you on 2/23/2000. Once we receive this information, it should only take a few weeks for the department to make a determination whether to approve or disallow this application. I have enclosed a copy of the 2/23/2000 letter for your records.

In order to process all of the applications in our office as efficiently as possible, I am required by Idaho Code § 42-204 to ask that this information be returned to my office within 30 days. Our office will be required to void the application for permit if this information is not returned. **Therefore, if the above information is not received by 6/5/2000 your applications for permit will be voided.** You will be able to re-file this application, but it will have a later priority date.

If you have any questions or concerns please contact Dan Nelson at the above address.

Respectfully,

Daniel A. Nelson
Sr. Water Right Agent

enclosure

MICROFILMED

NOV 28 2000

**IDAHO DEPT OF
WATER RESOURCES**

Fax

COPY

To:	DANIEL B HANSEN	From:	DANIEL A. NELSON
Fax:	(208) 465-0272	Pages:	3 PAGES PLUS COVER PAGE
Phone:		Date:	2/23/2000
Re:	APPLICATION FOR PERMIT	CC:	

Urgent ☒ **Review** **Please Comment** ☒ **Please Reply**

● **Comments:**

Enclosed you will find the letter that we discussed during the our meeting on 2/22/2000. This information is required for the irrigation permit only. We will be able to advertise the irrigation permit without this information, but we will not be able to approve the permit until we receive this information.

I was not able to get the domestic permit in for advertising for this adverttising round, but I will try to get both of your applications in for the next round of advertising. If I can get them done, they will be advertised on the third and fourth week of March.

If you have any further questions please contact us at the address below.

IDAHO DEPARTMENT OF WATER RESOURCES

2735 AIRPORT WAY

BOISE, ID 83705-5082

Thank you for your patience and cooperation.

I also mailed this letter.

MICROFILMED



State of Idaho
DEPARTMENT OF WATER RESOURCES

Western Region, 2735 Airport Way, Boise, Idaho 83705-5082 - (208) 334-2190
FAX (208) 334-2348

DIRK KEMPTHORNE
GOVERNOR

KARL J. DREHER
DIRECTOR

2/23/2000

DANIEL B. AND/OR KAREN L HANSEN
8393 CHERRY LANE
NAMPA, ID 83687

COPY

RE: Application for Permit's Large Diversion Requirements

Dear Applicants:

Your Application for Permit for irrigation was received on 2/23/2000 and will be advertised and processed, but cannot be approved until additional information is submitted. I was not able to advertise either of your 2 applications on this round of advertising, but I will make every effort to have both of these applications in for advertising on the last to weeks in March.

Pursuant to Idaho Code 42-203A(5)(a-e) and 42-203C(2), additional information is needed for applications for permit involving irrigation of more than 200 acres and/or diversions exceeding 5.00 cfs or 500 acre-feet of storage. Required information relating to the proposed water right, as outlined in the attached copy of Water Appropriation Rules 37.03.08.040.05.c through g, covers the following items:

- c) Effect on existing water rights,
- d) Sufficiency of water supply,
- e) Good faith, delay, or speculative purposes,
- f) Financial resources, and
- g) Local public interest.

The local public interest criteria may be met by soliciting comment letters from the Payette County Board of Commissioners. Comment should address the effect of the construction and operation of the project within the local area.

You may summarize any of the answers with a brief statement where appropriate.

To avoid further delays, please submit the above information as soon as possible to our Western Region office, at the above address. Let me know if I can be of any assistance.

Sincerely,

Daniel A. Nelson
Sr. Water Resource Agent

Enclosures

MICROFILMED

NOV 28 2000

criterion (e) of Section 42-203A(5), Idaho Code, as to any factor affecting local public interest of which he is knowledgeable or reasonably can be expected to be knowledgeable. The protestant shall bear the initial burden of coming forward with evidence for those factors relevant to criterion (e) of Section 42-203A(5), Idaho Code, of which the protestant can reasonably be expected to be more cognizant than the applicant. (7-1-93)

iii. The protestant shall bear the initial burden of coming forward with evidence for the evaluation of the public interest criteria of Section 42-203C(2), Idaho Code, and of demonstrating a significant reduction, except that the applicant shall provide details of the proposed design, construction, and operation of the project and directly associated operations to allow the impact of the project to be evaluated. (7-1-93)

c. The applicant has the ultimate burden of persuasion for the criteria of Section 42-203A, Idaho Code, and the protestant has the ultimate burden of persuasion for the criteria of Section 42-203C, Idaho Code. (7-1-93)

d. For unprotested applications or permits to be reprocessed, the director will evaluate the application, information submitted pursuant to Rule Subsection 040.05.c. and information in the files and records of the department, and the results of any studies the department may conduct to determine compliance with the appropriate criteria. (7-1-93)

e. In protested matters the director will take official notice of information as described in the department's adopted Rules of Procedure, and will, prior to considering, circulate to the parties information from department studies and field examinations concerning the protested application or permit being reprocessed, if such information has not otherwise been made a part of the hearing record. (7-1-93)

05. Additional Information Requirements. (7-1-93)

a. For unprotested applications and permits being reprocessed, the additional information required by Rule Subsection 040.05.c. shall be submitted within thirty (30) days after the director notifies the applicant that the application or permit is being reviewed for decision. The director may extend the time within which to submit the information upon request by the applicant and upon a showing of good cause. Failure to submit the required information within the time period allowed will be cause for the director to void an application or to advance the priority of a permit being reprocessed by the number of days that the information submittal is late. The director will provide opportunity for hearing as provided in Section 42-1701A, Idaho Code. (7-1-93)

b. For protested applications or protested permits being reprocessed, the information required by Rule Subsection 040.05.c. may be requested by the director to be submitted within thirty (30) days after notification by the director, may be made a part of the record of the hearing held to consider the protest, or may be made available in accordance with any pre-hearing discovery procedures. Failure to submit the required information within the time period allowed will be cause for the director to void an application or to advance the priority of a permit being reprocessed by the number of days that the information submittal is late. (7-1-93)

c. The following information shall be submitted for applications to appropriate unappropriated water or trust water and for permits being reprocessed for trust water. The additional information submittal requirements of this rule are waived for filings which seek to appropriate five (5) cfs or less or storage of five hundred acre-feet (500 AF) or less and for filings seeking reallocation of trust water which the director determines will reduce the flow of the Snake River measured at Murphy Gauge by not more than two (2) acre-feet per day. For filings proposing irrigation as a purpose of use, the additional information is required if more than two hundred (200) acres will be irrigated. However, the director may specifically request submittal of any of the following information for any filing, as he determines necessary. Information relative to the effect on existing water rights, Section 42-203A(5)(a), Idaho Code, shall be submitted as follows: (7-1-93)

i. For applications appropriating springs or surface streams with five (5) or fewer existing users, either the identification number, or the name and address of the user, and the location of the point of diversion and nature of use for each existing water right shall be submitted. (7-1-93)

ii. For applications appropriating groundwater, a plat shall be submitted locating the proposed well relative to all existing wells and springs and permitted wells within a one-half mile radius of the proposed well.

Outline of Necessary Information

(7-1-93)

iii. Information shall be submitted concerning any design, construction, or operation techniques which will be employed to eliminate or reduce the impact on other water rights. (7-1-93)

d. Information relative to sufficiency of water supply, Section 42-203A(5)(b), Idaho Code, shall be submitted as follows: (7-1-93)

i. Information shall be submitted on the water requirements of the proposed project, including, but not limited to, the required diversion rate during the peak use period and the average use period, the volume to be diverted per year, the period of year that water is required, and the volume of water that will be consumptively used per year. (7-1-93)

ii. Information shall be submitted on the quantity of water available from the source applied for, including, but not limited to, information concerning flow rates for surface water sources available during periods of peak and average project water demand, information concerning the properties of the aquifers that water is to be taken from for groundwater sources, and information on other sources of supply that may be used to supplement the applied for water source. (7-1-93)

e. Information relative to good faith, delay, or speculative purposes of the applicant, Section 42-203A(5)(c), Idaho Code, shall be submitted as follows: (7-1-93)

i. The applicant shall submit copies of deeds, leases, easements or applications for rights-of-way from federal or state agencies documenting a possessory interest in the lands necessary for all project facilities and the place of use or if such interest can be obtained by eminent domain proceedings the applicant must show that appropriate actions are being taken to obtain the interest. Applicants for hydropower uses shall also submit information required to demonstrate compliance with Sections 42-205 and 42-206, Idaho Code. (7-1-93)

ii. The applicant shall submit copies of applications for other needed permits, licenses and approvals, and must keep the department apprised of the status of the applications and any subsequent approvals or denials. (7-1-93)

f. Information Relative to Financial Resources, Section 42-203A(5)(d), Idaho Code, shall be submitted as follows: (7-1-93)

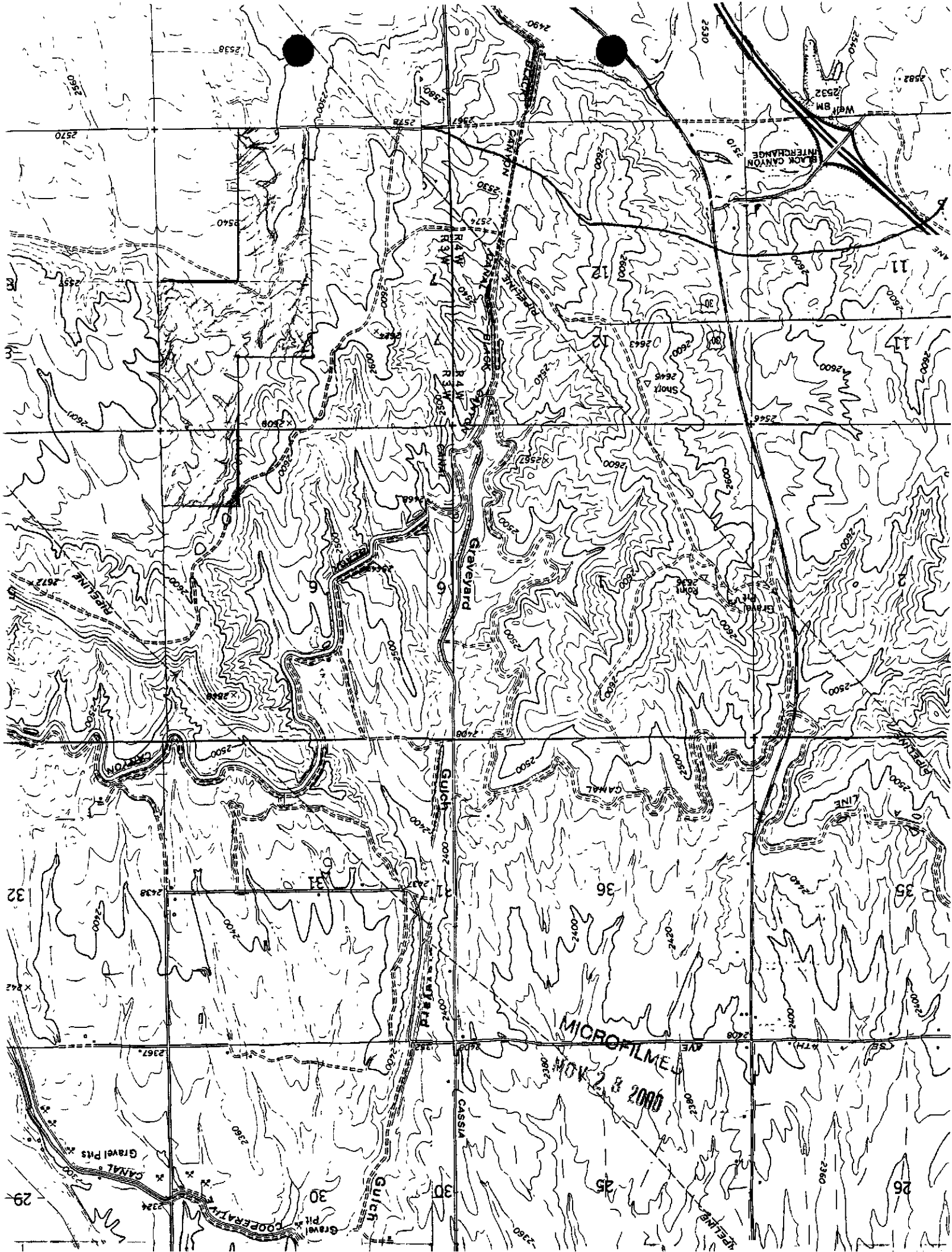
i. The applicant shall submit a current financial statement certified to show the accuracy of the information contained therein, or a financial commitment letter along with the financial statement of the lender or other evidence to show that it is reasonably probable that financing will be available to appropriate the water and apply it to the beneficial use proposed. (7-1-93)

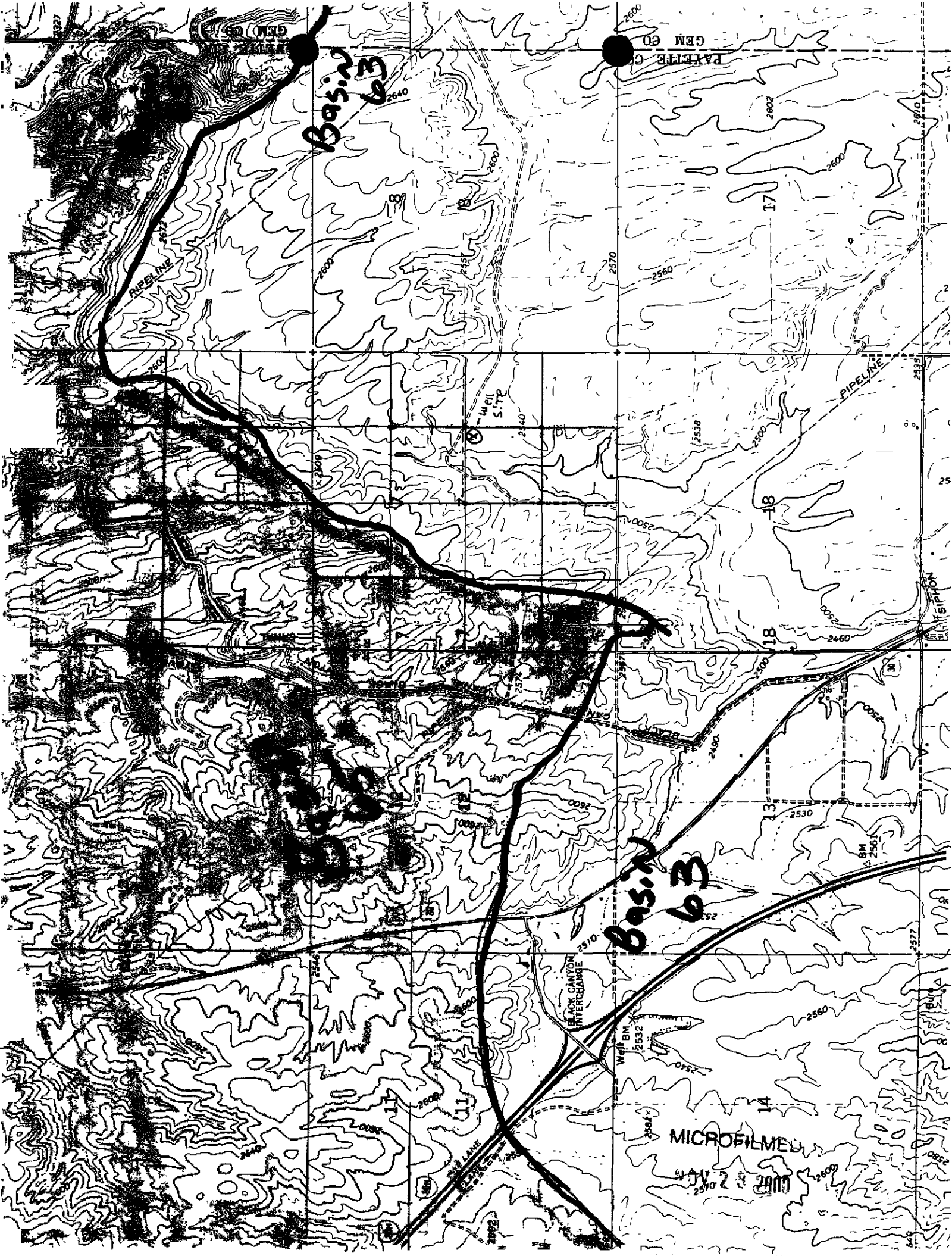
ii. The applicant shall submit plans and specifications along with estimated construction costs for the project works. The plans shall be definite enough to allow for determination of project impacts and implications. (7-1-93)

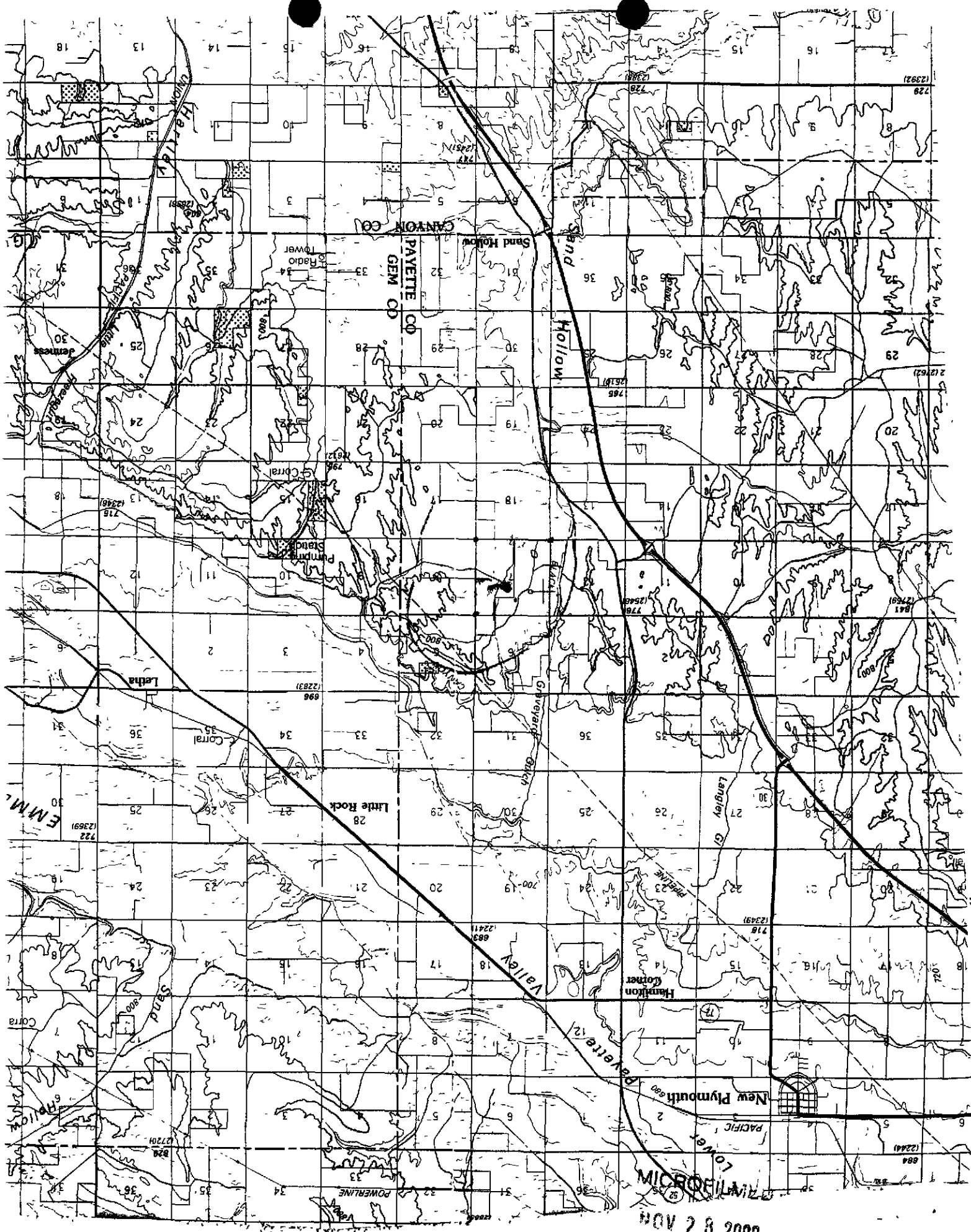
g. Information Relative to Conflict with the Local Public Interest, Section 42-203A(5)(e), Idaho Code, shall be submitted as follows: The applicant shall seek comment and shall submit all letters of comment on the effects of the construction and operation of the proposed project from the governing body of the city and/or county and tribal reservation within which the point of diversion and place of use are located, the Idaho Department of Fish and Game, the Idaho Department of Health and Welfare, Division of Environment, and any irrigation district or canal company within which the proposed project is located and from other entities as determined by the director. (7-1-93)

h. The following information Relative to the Public Interest Criteria of Section 42-203C(2), Idaho Code, shall be submitted by an applicant seeking reallocation of trust water for a project which the director determines will reduce the flow of the Snake River by more than two (2) acre-feet per day. For filings proposing irrigation as a purpose of use, the additional information is required if more than two hundred (200) acres will be irrigated. The director may request any or all of the following information for any filing seeking the reallocation of trust water. (7-1-93)

OUTLINE OF NECESSARY INFORMATION







0002 8 2 NOV
MICROFILM

Called
2-10-2000 @ 1:10
Hansen Permit LEFT
message.

Call Applicant

- 1.) IT LOOKS LIKE THIS IS 2 SYSTEMS.
IF SO THEY WILL NEED TO
FILE 2 WATER RIGHTS.
Domestic yard irrigation would need
irrigation component if in Basin 63.
- 2.) The Maps Shows That The
POINTS OF DIVERSIONS ARE IN
Basin 63. IF NOT MOVED
WE WILL NEED TO PUT THE
APPLICATION ON HOLD.

NOTE: I HAVE SPOKEN TO ROB
WHITNEY & LORI GRAVES. BOTH SAID
THAT THEY DID NOT ~~IF~~ LOOK UP
PLACE OF USE OR POINT OF DIVERSION
TO DETERMINE PLACE OF USE.

MICROFILMED

NOV 28 2000

65-13933

HANSEN, DANIEL B
HANSEN, KAREN L
8393 CHERRY LN
NAMPA, ID 83687

Source: GROUNDWATER

Diversion Pt: LOT 1 (NWNW) Sec 18 T 06N R 03W in PAYETTE County.

Use: IRRIGATION (8.000 CFS)
Total Diversion: (8.000 CFS)

Date Filed: 2/22/2000

In: PAYETTE County

T06N R03W S06	SESE			
S07	NENE	SWNE	SENE	NWSE
	SWSE			
S18	NENW	Lot 1(NWNW)	Lot 2(SWNW)	SENW

400.0 ACRES TOTAL

Applicant agrees to mitigate consumptive use in the future as needed.

MICROFILMED

NOV 28 2000