

MEMORANDUM

Date: December 08, 2011
To: Water Right File 63-31283
From: cpalmer
Re: Licensing Memo

DATES

Application submitted to Dept. August 17, 01
Permit approved October 31, 2001
Proof filed November 1, 2006
Field exam conducted March 13, 2003

DEPARTMENT POLICY

This right was approved after the Municipal Act of 1996 but before the new policy was set forth by the Department in 2009. Pursuant to Admin. Memo-Licensing #1, the license can reflect the systems capacity instead of figuring out the actual additional increment of beneficial use on the license. In this case, the field examiner witnessed a diversion rate of 2.6 cfs when there was lower demand on the system. The field examiner provided justification for a total possible diversion rate of 3.06 cfs when the demand is greater.

POU

The place of use is the service boundary for the city of Caldwell. There is a large POU in the Departments database that I will connect this water rights POU. In addition, I have saved the shapefile out in docs.

PDs (wells) and HISTORY

The city of Caldwell has many wells as part of their municipal system. Unfortunately, there has not been a lot of consistency in identifying the PDs within the Department. Consequently, there are more questions about what actually is taking place on the ground than answers. Since there is so much ambiguity regarding the wells within the municipal system, I will keep well 4B as the only well associated with this right. If the city sorts out all the wells a transfer can be filed to add all wells onto this right.

Originally, well 4B was drilled to replace well 4A that was originally associated with right 63-5051. Right 63-5051 allows 0.02 cfs. Since the field examiner found a diversion capacity of 3.06 cfs, there is no need for a combined limit since 63-31283 and 63-5051 provide 3.02 cfs.

CONDITIONS

The right holder developed their well within the authorized water bearing zone.

Well 4B Tag# D0012675

Form 238(4)-2
9/6/96 (LDT)

ID Number _____

State of Idaho
Department of Water Resources

APPLICATION FOR
REPAIR () OR ABANDONMENT () OF A WELL

RECEIVED

JAN 11 2000

WATER RESOURCES
WESTERN REGION

1. LEGAL CONTACT (Owner or Operator)

Date: January 8, 2000
Name: City of Caldwell, Idaho Phone Number (208) 455-3006
Mailing Address: 621 Cleveland Blvd.
City: Caldwell State ID Zip Code 83605

2. WELL LOCATION

Township 4 N Range 3 W Section 15 SE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$
Gov't Lot No. _____ County Canyon
Street Address of Well Site: east side of Canyon Hill Cemetery - 2024 N. Illinois Avenue City Caldwell
Lot _____ Block # 72 Subdivision Name Canyon Hill Cemetery Plat

3. TYPE OF WELL

☐ DOMESTIC: Water used for homes, organization camps, public campgrounds, livestock (1,000 head or less) and for any other purpose in connection therewith, including irrigation of up to $\frac{1}{2}$ acre of land, if the total use is not in excess of 13,000 gpd; or any other uses, if the total use does not exceed a diversion rate of 0.04 cfs and a diversion volume of 2500 gpd.

NON-DOMESTIC: ☐ Irrigation ☒ Municipal ☐ Industrial
☐ Stock ☐ Test ☐ Other _____
(Over 1,000 head) (Describe)

☐ INJECTION
☐ MONITORING

4) WELL SPECIFICATIONS

Previous Drilling Permit Number _____
Water Right Number 63 - 05051
Well Log on File? () Yes (X) No
Casing Size: 16-inch Material: Steel Temperature: 61.5 ° F
Casing Height Above Ground: one foot above pump house floor
Flowing Artesian? () Yes (X) No
Static Water Level: 64.0 feet bgl (Measured) Well Depth: 370 feet bgl (Measured)
Remarks: Water level and total depth measured on September 19, 1999 during downhole camera survey
No Driller's Report on file at State or Western Regional offices of IDWR. Drilling contractor to effect the
abandonment has not yet been selected. Abandonment to be designed & supervised by registered geologist

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. _____
Other IDWR No. Tag # 0012675

2. OWNER: City of Caldwell
Name _____
Address 6219 CLEVELAND BLVD
City CALDWELL State ID Zip 83605

3. LOCATION OF WELL by legal description:
Sketch map location must agree with written location SEP 18 2000

Department of Water Resources
Twp. 4 North ☒ or South ☐
Rge. 3 East ☐ or West ☒
Sec. 15 SE 1/4 NE 1/4 NE 1/4
Gov't Lot _____ County CANYON
Lat: : : Long: : :
Address of Well Site BLK #72 - EAST SIDE of CANYON
Hill Cemetery - 2024 N. ILLINOIS AVE
(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 REPLACEMENT

6. DRILL METHOD
☐ Air Rotary ☐ Cable ☐ Mud Rotary ☒ Other REVERSE

7. SEALING PROCEDURES

SEAL/FILTER PACK		AMOUNT		METHOD
Material	From	To	Sacks or Pounds	
<u>Bentonite</u>	<u>0</u>	<u>265</u>	<u>20.000</u>	<u>OVER BORE</u>
<u>CSST SAND (10-20)</u>	<u>248</u>	<u>420</u>	<u>15.000</u>	<u>COVER BORE</u>

Was drive shoe used? ☐ Y ☒ N Shoe Depth(s) _____
Was drive shoe seal tested? ☐ Y ☒ N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
<u>16"</u>	<u>42</u>	<u>265</u>	<u>315</u>	<u>Steel</u>	☒	☐	☒	☐
<u>10"</u>	<u>244</u>	<u>265</u>	<u>345</u>	<u>Steel</u>	☒	☐	☐	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS

☐ Perforations Method _____
☒ Screens Screen Type S.S. WIRE WRAP

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
<u>SEE ATTACHED SHEET</u>						☒	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

64 ft. below ground Artesian pressure _____ lb.
Depth flow encountered _____ ft. Describe access port or control devices: CITY OF CALDWELL TO INSTALL ACCESS port with pitless

11. WELL TESTS:

Yield gal./min.	Drawdown	Pumping Level	Time
<u>1250</u>	<u>78'</u>	<u>142</u>	<u>6 hrs</u>

Water Temp. 61° Bottom hole temp. _____
Water Quality test or comments: CS = 122

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
<u>24"</u>	<u>0</u>	<u>8</u>	<u>TOP SOIL</u>		☒
<u>24"</u>	<u>8</u>	<u>44</u>	<u>GRAY + RED BASALT</u>		☒
	<u>44</u>	<u>54</u>	<u>BROWN CLAY</u>		☒
	<u>54</u>	<u>74</u>	<u>SAND GRAVEL, RIVER ROCK</u>		
	<u>74</u>	<u>76</u>	<u>FINE BROWN SAND</u>		
	<u>76</u>	<u>82</u>	<u>LE. BROWN CLAY</u>		☒
	<u>82</u>	<u>120</u>	<u>SAND w/ clay layers</u>		
	<u>120</u>	<u>129</u>	<u>LT BROWN CLAY</u>		☒
	<u>129</u>	<u>140</u>	<u>FINE SAND</u>		
	<u>140</u>	<u>144</u>	<u>LT BROWN CLAY</u>		☒
	<u>144</u>	<u>148</u>	<u>FINE SAND</u>		
	<u>148</u>	<u>164</u>	<u>LT BROWN CLAY</u>		☒
	<u>164</u>	<u>180</u>	<u>FINE SAND w/ clay layers</u>		
	<u>180</u>	<u>184</u>	<u>FINE SAND, GREEN SHALE</u>		
	<u>184</u>	<u>197</u>	<u>FINE-MED SAND</u>		
	<u>24</u>	<u>197</u>	<u>200 BROWN CLAY, SANDSTONE, SHALE</u>		
	<u>24</u>	<u>200</u>	<u>251 LT BROWN - yellow clay (silty)</u>		
	<u>24</u>	<u>251</u>	<u>301 LT BROWN CLAY w/ SAND layers</u>		
	<u>16"</u>	<u>301</u>	<u>311 FINE-MED SAND, SHALE, clay</u>		
	<u>16"</u>	<u>311</u>	<u>316 LT BROWN CLAY</u>		☒
		<u>316</u>	<u>320 FINE-MED SAND</u>		☒
		<u>320</u>	<u>327 BROWN CLAY</u>		☒
		<u>327</u>	<u>372 FINE-MED SAND w/ clay layers</u>		
		<u>372</u>	<u>374 BROWN CLAY</u>		☒
		<u>374</u>	<u>376 BLUE CLAY</u>		☒
		<u>376</u>	<u>393 BLUE-BROWN CLAY</u>		☒
		<u>393</u>	<u>398 FINE-COARSE SAND</u>	☒	
		<u>398</u>	<u>400 BROWN CLAY</u>		☒
		<u>400</u>	<u>405 FINE SAND - BEA GRAVEL</u>	☒	
		<u>405</u>	<u>408 BROWN CLAY</u>		☒
		<u>408</u>	<u>416 FINE-MED BLUE SAND</u>	☒	
	<u>16"</u>	<u>416</u>	<u>420 BLUE CLAY</u>		☒

Completed Depth 414' (Measurable)
Date: Started 7-5-00 Completed 7-25-00

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 RIVERSIDE INC Firm No. 333

Firm Official [Signature] Date 9/15/00
and Supervisor or Operator [Signature] Date 9/15/00
(Sign once if Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES

IDAHO DEPARTMENT OF WATER RESOURCES

Adjudication Recommendation Report 63-5051 V2

WATER RIGHT NUMBER: 63-5051 V2

<u>Owner Type</u>	<u>Name and Address</u>
Current Owner	CITY OF CALDWELL 621 CLEVELAND BLVD CALDWELL, ID 83605 (208)455-3006
Attorney	CHARLES L HONSINGER RINGERT CLARK CHARTERED PO BOX 2773 BOISE, ID 83701-2773 (208)342-4591

Priority Date: 08/05/1901

Basis: Beneficial Use

Status:

<u>Source</u>	<u>Tributary</u>
GROUND WATER	

<u>Beneficial Use</u>	<u>From</u> <u>To</u>	<u>Diversion Rate</u>	<u>Annual Volume</u>
MUNICIPAL	01/01 to 12/31	0.020 CFS	
	<u>Total Diversion:</u>	0.020 CFS	

Conditions of Approval:

1. 125 Place of use is within the service area of Caldwell as provided for under Idaho law. The place of use is generally described as within the city limits of Caldwell and the surrounding service area.
2. C18 This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.
3. 211 To the extent necessary for administration between points of diversion for ground water, and between points of diversion for ground water and hydraulically connected surface sources, ground water was first diverted under this right from the Cemetery Well located in T04N, R03W, S15, NENE; which was replaced by Caldwell Well No. 4 located in T04N, R03W, S15, NENE.
4. C03 Right includes accomplished change in point of diversion pursuant to Section 42-1425, Idaho Code.

Remarks:Comments:

1. cfritsch 4/16/2009 Version 2
Comment: Version 2 created to resolve objection to PODs.

Right for the City of Caldwell

Basin	Sequence	Process	Basin	Status	Priority Date	Diversion Rate	Source List	Water Use List	Current Owner	Total Acres	Acre Limit	Volume
63	5053	Water Right	Decreed	Active	5/12/1930	1.11	GROUND WATER	MUNICIPAL	CITY OF CALDWELL			
63	10316	Water Right	Decreed		8/21/1985	1.78	GROUND WATER	MUNICIPAL	CITY OF CALDWELL			
63	10317	Water Right	Decreed		8/21/1985	1.47	GROUND WATER	MUNICIPAL	CITY OF CALDWELL			
63	12144	Water Right	License	Active	9/21/1994	2.20	GROUND WATER	MUNICIPAL	CITY OF CALDWELL			
63	31283	Water Right	License	Active	8/17/2001	3.00	GROUND WATER	MUNICIPAL	CITY OF CALDWELL			
63	32027	Water Right	Decreed	Active	6/30/1911	0.67	GROUND WATER	MUNICIPAL	CITY OF CALDWELL			
63	3441	Recommendation	License		4/12/1965	2.03	GROUND WATER	MUNICIPAL	CITY OF CALDWELL			
63	3484	Recommendation	License	Active	1/5/1966	1.00	GROUND WATER	MUNICIPAL	CITY OF CALDWELL		100.0	
63	5051	Recommendation	Beneficial Use		8/5/1901	0.02	GROUND WATER	MUNICIPAL	CITY OF CALDWELL			
63	5054	Recommendation	Beneficial Use		7/1/1955	1.34	GROUND WATER	MUNICIPAL	CITY OF CALDWELL			
63	5055	Recommendation	Beneficial Use		6/1/1945	0.89	GROUND WATER	MUNICIPAL	CITY OF CALDWELL			
63	7158	Recommendation	License		10/18/1968	2.45	GROUND WATER	MUNICIPAL	CITY OF CALDWELL			
63	7900	Recommendation	License		12/4/1973	0.74	GROUND WATER	MUNICIPAL	CITY OF CALDWELL			166.5
63	7910	Recommendation	License		1/10/1974	2.23	GROUND WATER	MUNICIPAL	CITY OF CALDWELL			
63	8008	Recommendation	License		7/15/1974	2.45	GROUND WATER	MUNICIPAL	CITY OF CALDWELL			
63	8299	Recommendation	License		4/1/1976	1.76	GROUND WATER	MUNICIPAL	CITY OF CALDWELL			
63	8986	Recommendation	License		7/19/1977	1.56	GROUND WATER	MUNICIPAL	CITY OF CALDWELL			
63	8987	Recommendation	License		7/19/1977	1.45	GROUND WATER	MUNICIPAL	CITY OF CALDWELL			
63	9358	Recommendation	License		3/14/1980	2.00	GROUND WATER	MUNICIPAL	CITY OF CALDWELL			
63	10674	Recommendation	License	Active	7/27/1988	0.07	GROUND WATER	MUNICIPAL	CITY OF CALDWELL			
63	32024	Recommendation	Beneficial Use	Active	10/6/1902	5.20	GROUND WATER	MUNICIPAL	CITY OF CALDWELL			
63	32025	Recommendation	Beneficial Use	Active	12/31/1908	2.60	GROUND WATER	MUNICIPAL	CITY OF CALDWELL			
63	32026	Recommendation	Beneficial Use	Active	6/1/1909	0.53	GROUND WATER	MUNICIPAL	CITY OF CALDWELL			
63	32028	Recommendation	Beneficial Use		5/31/1921	0.11	GROUND WATER	MUNICIPAL	CITY OF CALDWELL			
63	32029	Recommendation	Beneficial Use		3/1/1937	0.45	GROUND WATER	MUNICIPAL	CITY OF CALDWELL			
63	32030	Recommendation	Beneficial Use		7/31/1949	0.16	GROUND WATER	MUNICIPAL	CITY OF CALDWELL			
63	32031	Recommendation	Beneficial Use		7/31/1949	0.05	GROUND WATER	MUNICIPAL	CITY OF CALDWELL			
63	32032	Recommendation	Beneficial Use		7/1/1955	0.45	GROUND WATER	MUNICIPAL	CITY OF CALDWELL			
63	32033	Recommendation	Beneficial Use	Active	7/1/1955	0.53	GROUND WATER	MUNICIPAL	CITY OF CALDWELL			
63	32038	Recommendation	Beneficial Use		7/31/1949	0.36	GROUND WATER	MUNICIPAL	CITY OF CALDWELL			
						40.66						