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A Company of Professional Engineers

January 18, 2005

Debbie Gibson
Idaho Department of Water Resources
P. O. Box 83720
Boise, ID 83720-0098

RECEIVED
JAN 24 2005
DEPARTMENT OF
WATER RESOURCES

RE: City of McCammon Water Right #29-08226

Mrs. Gibson:

This letter is being submitted to you along with the Proof of Beneficial Use form and license fee for the purpose of reinstatement of Water Right #29-08226 which lapsed in July 2001.

The stated water right was originally filed in May 1998 for the amount of 1 cfs for the construction of a new municipal well for the City of McCammon located in southeastern Idaho. The point of diversion was changed in February 2000 and well construction was started in July 2000 for Well #3 (also known as the Bitton Well). Drilling of this well was completed September 21, 2000 and the well was pump tested on October 18, 2000 (see attachment).

On July 1, 2000, the IDWR requested proof of beneficial use from the City. Because the well was still in construction at this time, the City filed for an extension of time which was granted until July 1, 2001. According to IDWR, no proof of beneficial use for this water right was provided.

Since the construction of Well #3, the City of McCammon has been using the well as a municipal water source without a valid water right, unbeknownst to City personnel. It was the understanding of the City that all necessary paper work had been submitted to establish a valid water right to allow use of Well #3.

Recently, Keller Associates, Inc. was contracted by the City of McCammon to design a new well for the City. As part of the new well design, Keller Associates researched the City's water rights to identify all water holdings of the City. It was at this time that Keller Associates and the City of McCammon discovered that the water right for Well #3 had lapsed.

In investigating the reason for this water rights lapse, Keller Associates has concluded that there are several reasons that collectively contribute to the proper paperwork not being submitted to the IDWR. First, the design and construction of Well #3 was controlled by a third party developer as part of a development agreement with the City

to provide a municipal water source by constructing a new well. Furthermore, during the time that Well #3 was being completed, the City Public Works Superintendent had to take medical leave for several months. After returning to work in the early part of 2001, the Public Works Superintendent resumed his many duties including operating the City water system. At this time, the Public Works Superintendent was under the understanding that all necessary paperwork for Well #3 was complete. Shortly after the summer of 2001, the City appointed a new City Clerk and shortly thereafter a new Mayor took office. These numerous factors compounded to cause the IDWR's request for proof of beneficial use to go unanswered by the July 1, 2001 deadline.

We are requesting, in behalf of the City of McCammon, that the IDWR consider the attached proof of beneficial use and reinstate the City's referenced water right as originally granted on June 29, 1998. Thank you for your consideration of this matter. If we can be of further assistance, please feel free to contact us.

Sincerely,
KELLER ASSOCIATES, INC.



Bryan Phinney, P.E.
Project Manager



Michael Bundy, E.I.T.
Project Engineer

Attachments

cc: Mayor Bullock
File



IDAHO DEPARTMENT OF WATER RESOURCES

WELL DRILLER'S REPORT

1. WELL TAG NO. D 0011183DRILLING PERMIT NO. 29-99-E-0060-200

Other IDWR No. _____

2. OWNER:

Name City of McCammonAddress P.O. Box 9City McCammon State Id Zip 83250-0009

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.

N		Twp. <u>9</u>		North ☐ or South ☒	
W		Rge. <u>36</u>		East ☒ or West ☐	
E		Sec. <u>73</u>		1/4 <u>NE</u> 1/4 <u>SW</u> 1/4	
S		Gov't Lot _____		County _____	
		Lat: _____		Long: _____	

Address of Well Site Cemetery Rd. City McCammon
(Give at least name of 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	
<u>Benotc</u>	<u>0</u> <u>70</u> <u>68 bags</u>	

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 180 / 403Was drive shoe seal tested? ☐ Y ☒ N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
<u>14</u>	<u>0</u>	<u>180</u>	<u>250</u>	<u>Steel</u>	☒	☐	☒	☐
<u>12</u>	<u>0</u>	<u>403</u>	<u>375</u>	<u>Steel</u>	☒	☐	☒	☐

Length of Headpipe 14" Length of Tailpipe _____

9. PERFORATIONS/SCREENS

Perforations Method None
Screens Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
						☐	☐
						☐	☐
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

60 ft. below ground Artesian pressure _____ lb.Depth flow encountered 78 ft. Describe access port or control devices: _____

11. WELL TESTS:

☒ Pump ☐ Bailor ☐ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
<u>100</u>	<u>300</u>	<u>370</u>	<u>78 hrs</u>

Water Temp. 54 Bottom hole temp. _____

Water Quality test or comments: _____

Depth first Water Encounter 78

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
<u>16</u>	<u>0</u>	<u>8</u>	<u>Clay Sandy</u>		☒
<u>16</u>	<u>8</u>	<u>77</u>	<u>Green Clay</u>		☒
<u>16</u>	<u>77</u>	<u>78</u>	<u>Gravel Clay Water</u>	☒	
<u>16</u>	<u>78</u>	<u>85</u>	<u>Hard Clay Gravel Sandy</u>	☒	
<u>14</u>	<u>85</u>	<u>120</u>	<u>" " "</u>	☒	
<u>14</u>	<u>120</u>	<u>130</u>	<u>White Sticky Clay</u>	☒	
<u>14</u>	<u>130</u>	<u>140</u>	<u>Clay gravel</u>	☒	
<u>14</u>	<u>140</u>	<u>170</u>	<u>Sand gravel Clay</u>	☒	
<u>14</u>	<u>170</u>	<u>180</u>	<u>Hard Sandstone Rock</u>	☒	
<u>12</u>	<u>180</u>	<u>200</u>	<u>Hard White Clay</u>	☒	
<u>12</u>	<u>200</u>	<u>240</u>	<u>Gray Clay</u>	☒	
<u>12</u>	<u>240</u>	<u>330</u>	<u>Gray & Green Sticky Clay</u>	☒	
<u>12</u>	<u>330</u>	<u>360</u>	<u>Blue Clay</u>	☒	
<u>12</u>	<u>360</u>	<u>365</u>	<u>Blue Clay Sandy</u>	☒	
<u>12</u>	<u>365</u>	<u>370</u>	<u>Blue Clay</u>	☒	
<u>12</u>	<u>370</u>	<u>380</u>	<u>Hard pan small gravel</u>	☒	
<u>12</u>	<u>380</u>	<u>385</u>	<u>Sandstone gray clay</u>	☒	
<u>12</u>	<u>385</u>	<u>390</u>	<u>Sticky Blue Clay</u>	☒	
<u>12</u>	<u>390</u>	<u>400</u>	<u>Soft green Sandstone shale</u>	☒	
<u>12</u>	<u>400</u>	<u>410</u>	<u>Green shale white sandstone</u>	☒	
<u>12</u>	<u>410</u>	<u>425</u>	<u>Soft sandstone little gravel</u>	☒	

RECEIVED

OCT 26 2000 NOV - 7 2000

Department of Water Resources
Bureau District Office

(385) 1st

Completed Depth Filled Washed Gravel (Measurable)
Date Started July 3, 2000 Completed Sept 24, 00

13. DRILLER'S CERTIFICATION

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

Company Name American Well Drilling Firm No. 538Firm Official David L. Rose Date 10/21/00and Driller or Operator David L. Rose Date 10/21/00
(Sign once if Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES

WELL TEST

PUMPCO
2756 NEU RD
PO BOX 729
AMERICAN FALLS, ID 83211

PUMPCO
2756 NEU RD
PO BOX 729
AMERICAN FALLS, ID 83211

Post-It Fax Note 7671 Date 11/7/00 # of pages 3
To RME From Pumpco
Cc: Dept. m. tch Co.
Phone 226 5054 Fax 234 0111

CUSTOMER: City of McCammon

DATE: 10-17-00

JOB LOCATION: New well by Cemetery

DRILLER:

WELL DATA

ENGINEER

TEST DATA

DEPT: _____ COLUMN SIZE: _____ CO
S.W.L.: 60 DISC PIPE SIZE: _____ DISC
CASING ID: _____ ORFICE SIZE: _____ OR
MAX ROYL CAP: _____ MAX

TIME	WATER DEPT	RPM	GPM	ORFICE	WATER CONDITIONS	MAX
11:20	60		215			
11:25	115					
11:30	60		215			
11:34	60		215			
11:45	277	50	135			
11:50	275		<100		Pump significant Grey sand	Pu
12:00	251	49	<100		CLEANING UP A LITTLE	Ch
12:12	272		145		cleaned up some increased flow	cle
12:26	290	52	133		Stabilizing	St
1:17	290	52	133		Picked up more sand	Pi
STOP @ 2:12 PM			TO	lower well 600ft		lower well
3:22	100'					
3:30	249	92	160		Very Dirty water	
3:52	300	54.2	160			
4:00	346.9	60	185		346.9	
4:30	354	60	172			
5:30	355	59	155		Cleaned up	C
6:00	355	59	155		Clearing	C
STOP For day						
10:00						
9:45	60'	STATIC 24.8ft				
9:47	232	59	300		37 Clear	
9:55	300	59	225		Picked up more sand	Pi
10:13		58	172		Slightly clearing	Sl

WELL TEST

PUMPCO
2766 NEU RD
PO BOX 729
AMERICAN FALLS, ID 83211

CUSTOMER: City of McConner

DATE: 10-18-00

JOB LOCATION:

DRILLER:

ENGINE:

WELL DATA

TEST DATA

DEPT:

COLUMN SIZE:

B.W.L.:

DISC PIPE SIZE:

CASING ID:

ORFICE SIZE:

CASING DEPT:

MAX ROWL CAP:

TIME

WATER LEVEL

RPM

GPH

ORFICE

WATER CONDITIONS

10:35	319	57	170		CLEAR w/ slight sand
10:45	314	56	140		clear w/ slight sand
11:15	Drop to 55 Hz				"
11:23	307	55	140		clear w/ very light sand
11:30	Drop to 54 Hz				"
11:50	Drop to 53 Hz				"
12:05	Picked up to 54 Hz				Picked up slight sand
12:15	349	59.5	160		clearing
12:45	351	59.5	160		clear w/ light sand
1:15	351	59.5	153		clear w/ very light sand
1:20	Dropped to 57.5 Hz				clear
1:25	Dropped to 52 Hz				clear
1:30	" to 51 Hz				"
1:40	Dropped to 50 Hz				"
1:48	↑ to 59.5 Hz				"
1:58	347	59.5	160		Picked up light sand
2:02	Dropped to 33 Hz				nothing
2:15	↑ to 38 Hz				
2:17	178	38	<100		clear w/ very light sand
2:30	Shut Down to sound bottom				
4:30	Start @ 54.5 Hz				
4:45	353	59.5	145		clear w/ slight sand
5:30	Turned Down to 57.5 Hz				"
5:35	344	57.5	140		"
6:00	Dropped to 56 Hz				clear w/ minimal sand

WELL TEST

PUMPCO
2766 NEU RD
PO BOX 729
AMERICAN FALLS, ID 83211

CUSTOMER: *City of McCommer*
JOB LOCATION: *New Well*

DATE: *10-19-00*

DRILLER:

ENGINE:

WELL DATA

TEST DATA

Ann Line
372'

DEPT:

COLUMN SIZE:

S.V.L.:

DISC PIPE SIZE:

CASING ID:

ORFICE SIZE:

CASING DEPT:

MAX ROWL CAP:

DEPTH	RPM	GPM	ORFICE	WATER CONDITIONS
10'		145		
11'	360	125		dirty water with some sand
12'	360	125		cleaning up
13'	360	135		water looks good but very little sand
14'	360	135		got more sand
15'	360	135	✓	still very little sand
16'	360	135	✓	not much sand
17'	360	135	✓	still very little sand
18'	360	135	✓	not much sand
19'	360	135	✓	not much sand
20'	360	135	✓	not much sand
21'	360	135	✓	not much sand
22'	360	135	✓	not much sand
23'	360	135	✓	not much sand
24'	360	135	✓	not much sand
25'	360	135	✓	not much sand
26'	360	135	✓	not much sand
27'	360	135	✓	not much sand
28'	360	135	✓	not much sand
29'	360	135	✓	not much sand
30'	360	135	✓	not much sand
31'	360	135	✓	not much sand
32'	360	135	✓	not much sand
33'	360	135	✓	not much sand
34'	360	135	✓	not much sand
35'	360	135	✓	not much sand
36'	360	135	✓	not much sand
37'	360	135	✓	not much sand
38'	360	135	✓	not much sand
39'	360	135	✓	not much sand
40'	360	135	✓	not much sand
41'	360	135	✓	not much sand
42'	360	135	✓	not much sand
43'	360	135	✓	not much sand
44'	360	135	✓	not much sand
45'	360	135	✓	not much sand
46'	360	135	✓	not much sand
47'	360	135	✓	not much sand
48'	360	135	✓	not much sand
49'	360	135	✓	not much sand
50'	360	135	✓	not much sand
51'	360	135	✓	not much sand
52'	360	135	✓	not much sand
53'	360	135	✓	not much sand
54'	360	135	✓	not much sand
55'	360	135	✓	not much sand
56'	360	135	✓	not much sand
57'	360	135	✓	not much sand
58'	360	135	✓	not much sand
59'	360	135	✓	not much sand
60'	360	135	✓	not much sand
61'	360	135	✓	not much sand
62'	360	135	✓	not much sand
63'	360	135	✓	not much sand
64'	360	135	✓	not much sand
65'	360	135	✓	not much sand
66'	360	135	✓	not much sand
67'	360	135	✓	not much sand
68'	360	135	✓	not much sand
69'	360	135	✓	not much sand
70'	360	135	✓	not much sand
71'	360	135	✓	not much sand
72'	360	135	✓	not much sand
73'	360	135	✓	not much sand
74'	360	135	✓	not much sand
75'	360	135	✓	not much sand
76'	360	135	✓	not much sand
77'	360	135	✓	not much sand
78'	360	135	✓	not much sand
79'	360	135	✓	not much sand
80'	360	135	✓	not much sand
81'	360	135	✓	not much sand
82'	360	135	✓	not much sand
83'	360	135	✓	not much sand
84'	360	135	✓	not much sand
85'	360	135	✓	not much sand
86'	360	135	✓	not much sand
87'	360	135	✓	not much sand
88'	360	135	✓	not much sand
89'	360	135	✓	not much sand
90'	360	135	✓	not much sand
91'	360	135	✓	not much sand
92'	360	135	✓	not much sand
93'	360	135	✓	not much sand
94'	360	135	✓	not much sand
95'	360	135	✓	not much sand
96'	360	135	✓	not much sand
97'	360	135	✓	not much sand
98'	360	135	✓	not much sand
99'	360	135	✓	not much sand
100'	360	135	✓	not much sand

*It appears that well is good for 135 GPM
at 360 ft. Pumping level*

*10/20/00
J. S. [signature]*