

## MEMORANDUM

TO: Transfer No. 73888

FROM: Kay Walker

DATE: April 14, 2008

RE: Evaluation of Sufficiency of Information Submitted

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The transfer proposes to replace two existing wells with two new wells. In review of well logs for this area I noticed that one well had been drilled in March of 2007. This transfer will facilitate the drilling of one additional well and one existing well will be abandoned per conversation with representative, Roxanne Brown.

The site is located on the corner of Star Road and Highway 30 in Canyon County.

**Contact person for this application is Roxanne Brown, SPF Water Engineering, phone number 383-4140.**

### **Deviations from Transfer Policy Standards**

Application form appears to be completed correctly. Proposal intends to replace 2 wells described to 10-acre tracts to 2 new wells in the same 40-acre parcel. The 40-acre parcel description will allow the applicant flexibility in location of the new wells. One of the wells was replaced in March of 2007 (see copy of well log attached). I recommend we allow use of 40 acre tract descriptions for these wells since the application for transfer has specifically requested that be done to allow the applicant flexibility in location.

### **Summary of Information Submitted**

**Authority to File:** Applicant is current water right holder. Applicant owns property pursuant to Canyon County tax lot information in arc view. They are authorized to do business in the State of Idaho under Secretary of State Business Entity No. C133227.

**Water Right Validity:** Right presumed to be valid since it was licensed less than 5 years ago (July 28, 2003).

**Injury to Other Water Rights:** Injury should not occur. Applicant has been utilizing existing wells for uses described under water right. No new uses are proposed, just new wells.

**Enlargement of Use:** An enlargement will not occur with appropriate transfer approval conditions.

**Local Public Interest:** Local public interest is served by allowing property owner to replace existing wells with new wells.

**Beneficial Use/Conservation of Water Resources:** The application proposes beneficial use(s) consistent with conservation of water resources in Idaho.

**Review of the application finds there is no clear inconsistency with criteria of I. C. § 42-222 preventing processing of the application.**

### **Discussion**

**Data entry affected the correct record** which is a recently licensed water right. This right was not included in the Snake River Basin Adjudication since originally filed under Permit 63-11047 and proof was not submitted until July of 1991.

In checking administrative areas of the place of use under this right I found that the property is located in the Sorrento Lactalis Swiss Village and Aluma Glass Industries Inc. water plumes. In discussion with well construction section employee these areas do not present a problem in processing of this application.

Overlapping rights at this property are Right 63-32103 (permit for the use of the same two wells for use of water in cheese making process) and water from Nampa and Meridian Irrigation District for irrigation purposes. This right was licensed for use of year-round dilution and land application of effluent discharged from cheese production facility in addition to irrigating with shares from irrigation district.

### **Summary**

Assuming protests are not filed and/or other information does not contradict the above analysis, the application can be approved as reflected by the draft approval.

Condition 046 would be applicable since a new well is proposed. Also conditions shown on license should be carried forward.

# IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

844821  
Office Use Only  
Well ID No. 414978  
Inspected by \_\_\_\_\_  
Twp \_\_\_\_\_ Rge \_\_\_\_\_ Sec \_\_\_\_\_  
1/4 \_\_\_\_\_ 1/4 \_\_\_\_\_ 1/4 \_\_\_\_\_  
Lat: \_\_\_\_\_ Long: \_\_\_\_\_

1. WELL TAG NO. D 0047787  
DRILLING PERMIT NO. 898094 - 844821  
Water Right or Injection Well No. 63-32103, 63-31628

2. OWNER:  
Name SORRENTO LACTALIS, INC.  
Address P.O. Box 1280  
City NAMPA State ID Zip 83653

## 3. LOCATION OF WELL by legal description:

You must provide address or Lot, Blk, Sub. or Directions to well.

Twp. 3 North ☒ or South ☐  
Rge. 1 East ☐ or West ☒  
Sec. 8 1/4 SW 1/4 SW 1/4  
Gov't Lot \_\_\_\_\_  
County CANYON  
Lat: 43° 36' 19.12" Long: 116° 29' 25.29"  
Address of Well Site APPRX. 100' NORTH OF FRANKLIN RD  
800' EAST OF STAR RD City NAMPA  
(Give at least name of road + distance to road or landmark)

Lt. \_\_\_\_\_ Blk. \_\_\_\_\_ Sub. Name \_\_\_\_\_  
SORRENTO LACTALIS FACTORY

## 4. USE:

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

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

☒ New Well ☐ Modify ☐ Abandonment ☐ Other \_\_\_\_\_

## 6. DRILL METHOD:

☐ Air Rotary ☐ Cable ☐ Mud Rotary ☒ Other REVERSE

## 7. SEALING PROCEDURES

| Seal Material | From | To  | Weight / Volume | Seal Placement Method |
|---------------|------|-----|-----------------|-----------------------|
| BENTONITE     | 0    | 230 | 20,000          | DRY POUR              |
| BENTONITE     | 318  | 324 | 2,000           | DRY POUR              |

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

Was drive shoe seal tested? ☐ Y ☐ N How? \_\_\_\_\_

## 8. CASING/LINER: 12" X 8" REDUCER @ 230'

| Diameter | From | To  | Gauge | Material | Casing                              | Liner                    | Welded                              | Threaded                 |
|----------|------|-----|-------|----------|-------------------------------------|--------------------------|-------------------------------------|--------------------------|
| 12       | +3   | 230 | 3/8   | Steel    | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 8        | 230  | 252 | 3/8   | Steel    | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 8        | 252  | 270 | 3/8   | Steel    | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 8        | 270  | 318 | 3/8   | Steel    | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Length of casing pipe 298 Length of Tampipe \_\_\_\_\_

Packer ☐ Y ☒ N Type \_\_\_\_\_

## 9. PERFORATIONS/SCREENS PACKER TYPE

Perforation Method \_\_\_\_\_

Screen Type & Method of Installation JOHNSON LVL WRAP

| From | To  | Slot Size | Number | Diameter | Material | Casing                              | Liner                    |
|------|-----|-----------|--------|----------|----------|-------------------------------------|--------------------------|
| 252  | 262 | .030      |        | 8        | S.S.     | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 270  | 290 | .030      |        | 8        | S.S.     | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 298  | 318 | .030      |        | 8        | S.S.     | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

## 10. FILTER PACK

| Filter Material | From | To  | Weight / Volume | Placement Method |
|-----------------|------|-----|-----------------|------------------|
| 8-12 SAND       | 230  | 318 | 24,000          | DRY POUR         |

## 11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

0 ft. below ground Artesian pressure \_\_\_\_\_ lb.  
Depth flow encountered \_\_\_\_\_ ft. Describe access port or control devices:  
12" FLANGE w/ 8" FLANGE ONE FOOT  
BELOW UPPER FLANGE

## 12. WELL TESTS:

| Yield gal./min. | Drawdown  | Pumping Level | Time         |
|-----------------|-----------|---------------|--------------|
| <u>1400 gpm</u> | <u>70</u> | <u>70</u>     | <u>7 hrs</u> |

Water Temp. \_\_\_\_\_ Bottom hole temp. \_\_\_\_\_

Water Quality test or comments: \_\_\_\_\_

Depth first Water Encounter \_\_\_\_\_

## 13. LITHOLOGIC LOG: (Describe repairs or abandonment)

| Bore Dia. | From | To  | Remarks: Lithology, Water Quality & Temperature | Y | N |
|-----------|------|-----|-------------------------------------------------|---|---|
| 21"       | 0    | 7   | TOP SOIL                                        |   |   |
|           | 7    | 49  | SAND, RIVER GRAVELS                             |   |   |
|           | 49   | 63  | FINE-MED SAND                                   |   |   |
|           | 63   | 64  | CLAY                                            |   |   |
|           | 64   | 84  | MED-COARSE SAND                                 |   |   |
|           | 84   | 127 | COARSE SAND, FEA GRAVEL                         |   |   |
|           | 127  | 134 | CLAY                                            |   |   |
|           | 134  | 152 | CLAY w/SM SAND STREAK                           |   |   |
|           | 152  | 156 | FINE SAND                                       |   |   |
|           | 156  | 164 | CLAY                                            |   |   |
|           | 164  | 181 | FINE SAND                                       |   |   |
|           | 181  | 214 | CLAY                                            |   |   |
|           | 214  | 217 | SAND                                            |   |   |
|           | 217  | 235 | SANDY CLAY                                      |   |   |
|           | 235  | 238 | MED-COARSE SAND                                 |   |   |
|           | 238  | 252 | STICKY CLAY                                     |   |   |
|           | 252  | 262 | COARSE SAND                                     |   |   |
|           | 262  | 269 | CLAY                                            |   |   |
|           | 269  | 290 | FINE-COARSE SAND                                |   |   |
|           | 290  | 298 | BEN CLAY                                        |   |   |
|           | 298  | 318 | FINE-COARSE SAND                                |   |   |
|           | 318  | 320 | BEN CLAY                                        |   |   |
|           | 320  | 324 | MED-COARSE SAND                                 |   |   |

RECEIVED

MAR 30 2007

WATER RESOURCES  
WESTERN REGION

Completed Depth 318' (Measurable)

Date: Started 1/11/07 Completed 2/26/07

## 14. DRILLER'S CERTIFICATION

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

Company Name RIVERSIDE INC Firm No. 333

Principal Driller Jeff Lauber Date 3/20/07

and Driller or Operator II Jeff Lauber Date 3/20/07

Operator I \_\_\_\_\_ Date \_\_\_\_\_

Principal Driller and Rig Operator Required.  
Operator I must have signature of Driller/Operator II.