

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

| Office Use Only |     |       |   |
|-----------------|-----|-------|---|
| Well ID No.     |     |       |   |
| Inspected by    |     |       |   |
| Tw              | Rge | Sec   |   |
| 1/4             | 1/4 | 1/4   |   |
| Lat:            | :   | Long: | : |

1. WELL TAG NO. D 0033980  
DRILLING PERMIT NO. 818616  
Water Right or Injection Well No. \_\_\_\_\_

2. OWNER:  
Name Tom Olsen  
Address 29715 Silver Meadows Loop  
City Athol State ID Zip 83801

3. LOCATION OF WELL by legal description:

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

Tw. 48 North ☒ or South ☐  
Rge. 4 East ☐ or West ☒  
Sec. 4 1/4 NW 1/4 SE 1/4  
Gov't Lot \_\_\_\_\_ 10 acres \_\_\_\_\_ 10 acres \_\_\_\_\_ 100 acres  
County Kootenai

Lat: : : Long: : :  
Address of Well Site 5284 McLean Road off Lofts Bay

(Give at least name of road - Distance to Road or Landmark)

City \_\_\_\_\_  
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 Material | From | To | Weight / Volume | Seal Placement Method |
|---------------|------|----|-----------------|-----------------------|
| Bentonite     | 0    | 19 | 450#            | dry granular          |

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 271'

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

8. CASING/LINER:

| Diameter | From | To  | Gauge | Material | Casing                              | Liner                               | Welded                              | Threaded                 |
|----------|------|-----|-------|----------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------|
| 6"       | +2   | 271 | 250   | Steel    | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4"       | -5   | 440 | 160   | PVC      | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4"       | 440  | 460 | 200   | PVC      | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Length of Headpipe \_\_\_\_\_ Length of Tailpipe \_\_\_\_\_

Packer ☐ Y ☐ N Type \_\_\_\_\_

9. PERFORATIONS/SCREENS PACKER TYPE

Perforation Method saw cut 1/8"x 6" slot

Screen Type & Method of Installation \_\_\_\_\_

| From | To  | Slot Size | Number | Diameter | Material | Casing                   | Liner                               |
|------|-----|-----------|--------|----------|----------|--------------------------|-------------------------------------|
| 270  | 270 | 1/8       | 2      | 4"       | PVC      | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 440  | 460 | 1/8       | 40     | 4"       | PVC      | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

10. FILTER PACK

| Filter Material | From | To | Weight / Volume | Placement Method |
|-----------------|------|----|-----------------|------------------|
|                 |      |    |                 |                  |

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

158 ft. below ground Artesian pressure \_\_\_\_\_ lb.  
Depth flow encountered \_\_\_\_\_ ft. Describe access port or control devices: \_\_\_\_\_

12. WELL TESTS:

☐ Pump ☐ Bailor ☒ Air ☐ Flowing Artesian

| Yield gal./min. | Drawdown | Pumping Level | Time  |
|-----------------|----------|---------------|-------|
| 8-10            |          |               | 4 hrs |

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

Water Quality test or comments: cold & clear

Depth first Water Encounter 278

13. LITHOLOGIC LOG: (Describe repairs or abandonment)

| Bore Dia. | From | To  | Remarks: Lithology, Water Quality & Temperature | Y | N |
|-----------|------|-----|-------------------------------------------------|---|---|
| 10        | 0    | 3   | Topsoil                                         |   |   |
|           | 3    | 13  | Clay, tan                                       |   |   |
|           | 13   | 19  | Basalt, vesicular, clay                         |   |   |
| 8         | 19   | 21  | Basalt, vesicular, clay                         |   |   |
|           | 21   | 76  | Basalt, hard w/soft spots                       |   |   |
|           | 76   | 85  | Basalt, broken clay; green                      |   |   |
|           | 85   | 126 | Clay, brown                                     |   |   |
|           | 126  | 173 | Clay, tan                                       |   |   |
|           | 173  | 220 | Clay, yellow                                    |   |   |
|           | 220  | 266 | Clay, tan                                       |   |   |
|           | 266  | 273 | Clay, brown                                     |   |   |
|           | 273  | 275 | Basalt, hard                                    |   |   |
|           | 275  | 328 | Clay, gravel 2 gpm                              | x |   |
|           | 328  | 346 | Shale, dec. brown, white                        | x |   |
|           | 346  | 349 | Shale, white, tan                               |   |   |
|           | 349  | 356 | Shale, black                                    |   |   |
|           | 356  | 391 | Shale, black, green                             |   |   |
|           | 391  | 399 | Shale, black, decomposed 2gpm                   | x |   |
|           | 399  | 420 | Shale, blk, green, wht 4 gpm                    |   |   |
|           | 420  | 423 | Shale, black, white                             |   |   |
|           | 423  | 425 | Shale, white, broken 6 gpm                      | x |   |
|           | 425  | 431 | Shale, black, white                             | x |   |
|           | 431  | 451 | Shale, grey, black, white                       |   |   |
|           | 451  | 460 | Shale, grey, black, green                       |   |   |
|           |      |     | Shale trap set at 330'                          |   |   |

RECEIVED

JUL 20 2004

IDWR North

Completed Depth 460' (Measurable)

Date: Started 06/30/04 Completed 07/02/04

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 McCarty Drilling & Pump Inc Firm No. 586

Principal Driller Beard McCarty Date 7-12-04

and Driller or Operator II Mike Minkley Date 7-12-04

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

Principal Driller and Rig Operator Required.

48 ~ 40 ~ 4