

# IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

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

1. DRILLING PERMIT NO. 849.569

Other IDWR No. D 0053841

2. OWNER:

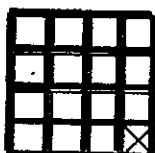
Name Al Durant

Address 24649 Rimrock Road

City Hayden State ID Zip 83835

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location



Twp. 52 North ☒ or South ☐

Rge. 3 East ☐ or West ☒

Sec. 8 1/4 10 acres SE 1/4 40 acres SE 1/4 160 acres

Gov't lot \_\_\_\_\_ County Kootenai

Lat: 47: 51: 739 Long: 116: 43: 550

Address of Well Site adjacent & to the north of

21877 N. Rimrock Rd City Hayden

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

Lt. 2 Blk. 1 Sub. Name Chilco Meadow  
Estates

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    | 19     | 350 #           | Drv granular |
|                  |      |        |                 |              |
|                  |      |        |                 |              |

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 50'

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

8. CASING/LINER:

| Diameter | From | To  | Gauge | Material | Casing                              | Liner                               | Welded                              | Threaded                 |
|----------|------|-----|-------|----------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------|
| 6"       | +2   | 50  | .250  | Steel    | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4"       | 20   | 360 | .540  | PVC      | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
|          |      |     |       |          | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |

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

9. PERFORATIONS/SCREENS

☐ Perforations Method \_\_\_\_\_

☐ Screens Screen Type \_\_\_\_\_

| From | To  | Slot Size | Number | Diameter | Material | Casing                   | Liner                               |
|------|-----|-----------|--------|----------|----------|--------------------------|-------------------------------------|
| 340  | 360 | 1/8"      | 33     | 4"       | PVC      | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|      |     |           |        |          |          | <input type="checkbox"/> | <input type="checkbox"/>            |
|      |     |           |        |          |          | <input type="checkbox"/> | <input type="checkbox"/>            |

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

22 ft. below ground Artesian Pressure \_\_\_\_\_ lb

Depth flow encountered \_\_\_\_\_ ft. Describe access port or control devices: \_\_\_\_\_

11. WELL TESTS:

☐ Pump ☐ Bailor ☒ Air ☐ Flowing Artesian

| Yield gal/min. | Drawdown | Pumping Level | Time  |
|----------------|----------|---------------|-------|
| 4-5            |          |               | 4 hrs |
|                |          |               |       |
|                |          |               |       |

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

Water Quality test or comments: Cold and Clear

Depth first Water Encountered 116'

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Water

| Bore Dia | From | To  | Remarks: Lithology, Water Quality & Temp. | Y | N |
|----------|------|-----|-------------------------------------------|---|---|
| 10"      | 0    | 19  | Clay, tan                                 |   |   |
| 8"       | 19   | 28  | Clay, tan, shale, broken                  |   |   |
|          | 28   | 35  | Shale, decomposed, tan, clay, tan         |   |   |
|          | 35   | 47  | Shale, decomposed, broken                 |   |   |
|          | 47   | 50  | Shale, decomposed                         |   |   |
| 6"       | 50   | 68  | Shale, medium, tan, green                 |   |   |
|          | 68   | 86  | Shale, green, dark brown                  |   |   |
|          | 86   | 88  | Shale, white, soft                        |   |   |
|          | 88   | 116 | Shale, green, dark brown 2 gpm            |   |   |
|          | 116  | 140 | Shale, dark brown, green, hard            |   |   |
|          | 140  | 158 | Shale, green, brown                       |   |   |
|          | 158  | 164 | Shale, dark brown, hard                   |   |   |
|          | 164  | 176 | Shale, green, brown                       |   |   |
|          | 176  | 180 | Shale, green                              |   |   |
|          | 180  | 195 | Shale, brown, green, grey                 |   |   |
|          | 195  | 227 | Shale, brown, green, broken               |   |   |
|          | 227  | 262 | Shale, green, brown                       |   |   |
|          | 262  | 280 | Shale, green, brown, very broken          |   |   |
|          | 280  | 304 | Shale, green, brown, broken               |   |   |
|          | 304  | 321 | Shale, green, medium                      |   |   |
|          | 321  | 322 | Shale, green, brown, soft                 |   |   |
|          | 322  | 336 | Shale, green, brown, medium               |   |   |
|          | 336  | 338 | Shale, green, grey, medium                |   |   |
|          | 338  | 346 | Shale, green, grey, soft                  |   |   |
|          | 346  | 357 | Shale, green, brown, medium               |   |   |
|          | 357  | 360 | Shale, green, soft, broken                |   |   |
|          |      |     | RECEIVED                                  |   |   |
|          |      |     | SEP 14 2007                               |   |   |

Completed Depth: 360 IDWR/Note (Measurable)

Date: Started 08/21/07

Completed 08/22/07

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 McCarty Drilling & Pump Inc

Firm No. 586

Firm Official [Signature]

Date 8/23/07

Supervisor or Operator \_\_\_\_\_

Date \_\_\_\_\_

(Sign once if Firm Official & Operator)

Date: 8/23/2007 Time: 10:13:02 AM

52N 3W 8