



State of Idaho

DEPARTMENT OF WATER RESOURCES

Northern Region, 7600 Mineral Drive, Suite 100, Coeur d'Alene, Idaho 83815

Phone: (208) 762-2800 FAX: (208) 762-2819 www.idwr.idaho.gov

C.L. "BUTCH" OTTER
Governor

DAVID R. TUTHILL, JR
Director

October 29, 2007

PILOT ROCK DEVELOPMENT ASSN INC
C/O JACK FLUME
5608 S HELENA LN
SPOKANE WA 99223

Re: Application For Water License to Appropriate the Public Waters of the State of Idaho:
Water Right Number 95-09208.

After reviewing the water permit and well driller's reports for this license we have discovered that fee for two wells need an upgrade. I have enclosed copies of both well driller reports that indicate domestic use only in line #4. This means the driller bought one permit for \$ 35.00 in 1995 and one for \$75.00 in 2003 for domestic use (not municipal). Each municipal well is \$200.00 each, for wells that supply water to more than one home. The first well is upgrade is \$165.00 and the next well is \$125.00 well upgrade. The total cost will be \$ 290.00 for the upgrades of both wells.

Once the department receives these additional fees, processing of the water license can continue. If you have any questions, please call me at 208-762-2800 or email me at eric.davis@idwr.idaho.gov Please respond with in 30 days.

Sincerely,

A handwritten signature in black ink, appearing to read 'Eric Davis', with a long horizontal line extending to the right.

Eric Davis
Water Resource Agent
Northern Region

NOF

DAIRY DEPARTMENT OF WATER RESOURCES

Use Typewriter or Ballpoint Pen

☒ Air ☐ Flowing Artesian

City Spokane State WA Zip 99206

(Sign once if Firm Official & Operator)

95-9208

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. WELL TAG NO. **D0033347**

DRILLING PERMIT NO 808061
Other IDWR No. _____

2. OWNER:

Name **Jack Flume**

Address **Pilot Rock Association / 5608 South Helena Lane**

City **Spokane** State **WA** Zip **99223**

3. LOCATION OF WELL by legal description:

N		Twp 48N		North ☒ or South ☐	
W		Rge 03W		East ☐ or West ☒	
E		Sec 03		1/4 SE 1/4 NW 1/4	
S				10 Ac 40 Ac 160 Ac	
		Gov't Lot _____		County Kootenai	
		Lat _____		Long _____	

Address of Well Site: (see next line)

Pilot Rock Road _____ City _____
Lot _____ Blk _____ Sub. Name (see next line) _____

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/Lbs	
Bentonite Grans	0	19	9 Sacks	Dry pour

Drive Shoe Used? ☒ Y ☐ N Shoe Depth(s) **19 feet**
Drive Shoe Seal Tested? ☐ Y ☒ N How? _____

8. CASING/LINER

Diam	From	To	Gauge	Material	Casng	Liner	Weld	Thrded
6"	+1	19	0.280	Steel	☒	☐	☒	☐
4"	+1	366	0.200	PVC	☐	☒	☒	☐
					☐	☐	☐	☐

Length Headpipe _____ Length Tailpipe _____

9. PERFORATIONS/SCREENS

☐ Perforations? Method _____
☒ Screens? Screen Type **PVC Johnson**

From	To	Slot	Nmbr	Diam	Material	Casng	Liner
326	366	.40		4	PVC	☐	☒
						☐	☐
						☐	☐

10. STATIC WATER LEVEL or ARTESIAN PRESSURE

75 ft. below ground. Artesian pressure _____ lb.
Depth flow encountered **152** ft. Describe access port or control devices: **Steel Cap Welded**

11. WELL TESTS:

☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pump Level	Time
60	100%	450	2.5 hrs

Water Temp. _____ Cold Bottom hole temp. _____ Cold
Water Quality test or comments: (below) Depth first Water Encountered **152**
Clear

12. LITHOLOGIC LOG (Describe repairs or abandonment)

Bore Diam	From	To	Remarks: Lithology, Water Quality and Temperature	Water	
				Y	N
10	0	2	Granite: Decomposed with sand cobbles	☐	☒
10	2	8	Granite: Decomposed broken	☐	☒
10	8	19	Granite: Gray with white	☐	☒
6	19	87	Granite: Gray with rose seams	☐	☒
6	87	145	Granite: Gray with white seams	☐	☒
6	145	152	Granite: Green with gray and rose 4GPM	☒	☐
6	152	227	Granite: Gray with rose seams	☐	☒
6	227	239	Granite: Gray with white broken 2 GPM	☒	☐
6	239	362	Granite: Gray with rose and green seams	☐	☒
6	362	387	Granite: Gray w/white very broken 9GPM	☒	☐
6	387	439	Granite: Grey hard	☐	☒
6	439	440	Granite: Green broken 45 GPM	☒	☐
6	440	450	Granite: Gray hard	☐	☒

RECEIVED

NOV 2 1 2003

IDWR North

Completed Depth **450** (Measurable)
Date: Started **10/23/03** Completed **10/27/03**

13. DRILLERS CERTIFICATION

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

Firm Name **United Drilling Inc.** Firm No **414**

Firm Official *Tim M. Valley* Date **10/27/03**

Supervisor or Operator **Mark A. Penick** Date **10/27/03**

48N 3W 3

95-9208

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. WELL TAG NO. D0033780DRILLING PERMIT NO 816294
Other IDWR No. _____**2. OWNER:**Name Jack FlumeAddress Pilot Rock Association / 5608 South Helena LaneCity Spokane State WA Zip 99223**3. LOCATION OF WELL by legal description:**

N		Twp <u>48N</u>	North ☒ or South ☐
Rge <u>03W</u>		East ☐ or West ☒	
Sec <u>03</u>		1/4 SE 1/4 NW 1/4	
10 Ac 40 Ac 160 Ac			
Gov't Lot _____		County <u>Kootenai</u>	
Lat _____		Long _____	
Address of Well Site: (see next line)			

W X E

S

Pilot Rock Road _____ City Coeur d'Alene
Lot _____ Blk _____ Sub. Name (see next line) _____
Pilot Rock _____**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/Lbs	
Bentonite Grans	0	60	27 sacks	Dry pour

Drive Shoe Used? ☒ Y ☐ N Shoe Depth(s) 400
Drive Shoe Seal Tested? ☐ Y ☒ N How? _____**8. CASING/LINER**

Diam	From	To	Gauge	Material	Casng	Liner	Weld	Thrded
8	+1	30	0.250	Steel	☒	☐	☒	☐
6	20	400	0.280	Steel	☒	☐	☒	☐
					☐	☐	☐	☐

Length Headpipe 31 Length Tailpipe 380**9. PERFORATIONS/SCREENS**☐ Perforations? Method _____
☐ Screens? Screen Type _____

From	To	Slot	Nmbr	Diam	Material	Casng	Liner
						☐	☐
						☐	☐
						☐	☐

10. STATIC WATER LEVEL or ARTESIAN PRESSURE100 ft. below ground. Artesian pressure _____ lb.
Depth flow encountered 439 ft. Describe access port or control devices: Steel Cap Welded
48 N 2W 3**11. WELL TESTS:**☐ Pump ☐ Bailor ☒ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pump Level	Time
60	100%	445	2 hours

Water Temp. _____ Cold Bottom hole temp. _____ Cold
Water Quality test or comments: (below) Depth first Water Encountered 152
Cold, Clear, and No Smell**12. LITHOLOGIC LOG (Describe repairs or abandonment)**

Bore Diam	From	To	Remarks: Lithology, Water Quality and Temperature	Water
12	0	8	Granite: Decomposed	☐ Y ☒ N
10	8	20	Granite: Gray with White	☐ Y ☒ N
10	20	60	Granite: Gray with Rose Seams	☐ Y ☒ N
8	60	87	Granite: Gray with Rose Seams	☐ Y ☒ N
8	87	145	Granite: Gray with White Seams	☐ Y ☒ N
8	145	152	Granite: Green with Gray to Rose (4GPM)	☒ Y ☐ N
8	152	206	Granite: Gray with Rose Seams	☐ Y ☒ N
8	206	211	Granite: Gray with Rose Seams Broken	☐ Y ☒ N
8	211	227	Granite: Gray with Rose Seams	☐ Y ☒ N
8	227	239	Granite: Gray with White Broken (2GPM)	☒ Y ☐ N
8	239	362	Granite: Gray with Rose and Green	☐ Y ☒ N
8	362	387	Granite: Gray w/white very broken (9GPM)	☒ Y ☐ N
8	387	400	Granite: Gray Hard	☐ Y ☒ N
6	400	439	Granite: Gray Hard	☐ Y ☒ N
6	439	440	Granite: Gray Broken (60GPM)	☒ Y ☐ N
6	440	450	Granite: Gray Hard	☐ Y ☒ N
				☐ Y ☐ N
				☐ Y ☐ N
			Sealed off upper water zones due to iron counts.	☐ Y ☐ N
				☐ Y ☐ N

RECEIVED
JUL 29 2004
IDWR NorthCompleted Depth 450 (Measurable)
Date: Started 6/9/04 Completed 6/24/04**13. DRILLERS CERTIFICATION**

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

Firm Name United Drilling Inc. Firm No 414
Firm Official [Signature] Date 6/29/04
and _____
Supervisor or Operator Curtis S. Hammond Date 6/29/04

95-9208