

PICABO LIVESTOCK CO., INC.
Box 688
PICABO, IDAHO 83348

Tel 208-788-3530
fax 208-788-0214
npurdy@earthlink.net

February 3, 2006

Shelley W. Keen
Water Rights Supervisor
322 East Front Street, P.O. Box 83720
Boise, Idaho 83720-0098

RECEIVED
FEB 03 2006
DEPARTMENT OF
WATER RESOURCES

Re: Picabo Municipal Water System Water Permit

Dear Ms. Shelley W. Keen:

Please find enclosed a copy of the well drilling and well test reports for the Picabo Water System Well. The well test shows the maximum yield of the well is 500 gpm and notes on the report show the design of the pump for the well as a 25hp with a maximum rate of pumping of 400gpm. Therefore, I am respectfully requesting a waiver for the requirement of installing a water meter since the yield of the well is limited and the expense of a water meter and its maintenance would not accomplish anything. The Picabo Water System is a Private PUC system with very limited revenue and the expense of a water meter would be a burden.

Thanks for your consideration and let me know your decision.

Sincerely,


Nick Purdy
Manager

Form 238-7
11/97 JGEIDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

1. WELL TAG NO. D0016337

DRILLING PERMIT NO. _____

Other IDWR No. _____

2. OWNER:

Name Nick Purdy Picabo LivestockAddress P.O. Box 748City Picabo State ID Zip 83348

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.

N		Twp. <u>1</u>		North ☐	or	South ☒
E		Rge. <u>20</u>		East ☒	or	West ☐
S		Sec. <u>27</u>		1/4 SW 1/4 SW 1/4		
W		Gov't Lot _____		County <u>Blaine</u>		
		Lat. _____		Long. _____		

Address of Well Site Purdy ranch next to town on south side City Picabo

City Picabo

Blk. _____ Sub. Name _____

4. USE:

- ☐ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
- ☐ Thermal ☐ Injection ☒ Other City

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/Filler Pack			AMOUNT Bags or Pounds	METHOD
Material	From	To		
bentonite	0	4	150 lbs.	dry pour
bentonite	4	83	2100 lbs	grout pump

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

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
12"	+2	83	.375	steel	☒	☐	☒	☐

Length of Headpipe 2' Length of Tailpipe _____

9. PERFORATIONS/SCREENS:

☐ Perforations

Method _____

☐ Screens

Screen Type _____

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

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

106 _____ ft. below ground Artesian pressure _____ lb.

Depth flow encountered _____ ft. Describe access port or control

devices: welded steel pipe

Office Use Only		
Inspected by _____		
Twp. _____	Rge. _____	Sec. _____
_____ 1/4	_____ 1/4	_____ 1/4
Lat. _____	Long. _____	

11. WELL TESTS:

Yield gal./min.	Drawdown	Pumping Level	Time
20+			

Water Temp. <85Bottom hole temp. <85

Water Quality test or comments: _____

Depth first Water Encounter _____

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Well Dts.	From	To	Remarks: Lithology, Water Quality & Temperature	Water Y	N
171/2	0	11/2	top soil		
171/2	11/2	56	hard gray basalt		
171/2	56	58	medium hard basalt		
171/2	58	62	cinders		
171/2	62	66	black basalt		
171/2	66		mixed brown clay, ash & cinders		
171/2	80	82	black lava		
171/2	82	83	soft lava		
171/2	83	85	hard black lava		
12	85	92	hard black lava		
12	92	93	broken black lava		
12	93	112	hard black lava		
12	112	114	broken lava		
12	114	119	hard black lava		
12	119	121	cinders		X
12	121	143	cinders & brown silt		X
12	143	152	gravel		
12	152	155	hard lava		
			after developing gravel fills back in to 144'		
			water clean. No sand when blowing from 120 to 140		
			some sand when blowing below 143'		

Completed Depth 144'

(Measurable)

Date: Started 8/7/2001Completed 9/13/2001

13. DRILLER'S CERTIFICATION:

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

Company Name Eaton Drilling & pump Services, Inc.Firm No. 26

Firm Official _____

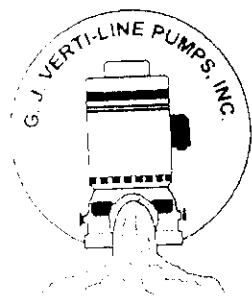
Date 9/28/2001

and

Driller or Operator _____

Date 9/28/2001

(Sign once if Firm Official & Operator)



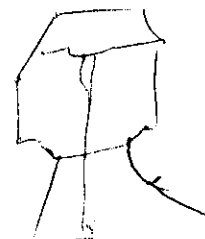
G. J. VERTI-LINE PUMPS, INC.
 1970 HIGHLAND AVE. EAST - P.O. BOX 892
 (208) 733-4278 - Fax (208) 733-5009
TWIN FALLS, IDAHO

WELL TEST

NAME: Picabo Livestock
 LOCATION: Water Tower
 WELL DEPTH: 142 ft.
 WELL SIZE:
 TEST PUMP SETTING: 130 ft. airline 138 ft.
 STATIC WATER LEVEL: 106 ft.

DATE: 8-22-2001
 CASING: 12"
 BOWLS: 10R
 ORIFICE SIZE: 8" std x 6 1/2"
 STARTING TIME: 1:30 pm

TIME	PUMPING LEVEL	ORIFICE READING	GPM	MINERS INCHES	REMARKS
01:40	118 FT.	2.5"	300 GPM	33"	Slight clay, cinders
02:00	123 FT.	3.5"	360 GPM	40"	Slight clay, cinders
02:30	128 FT.	4.5"	420 GPM	47"	Slight clay, cinders
03:00	137 FT.	6.5"	500 GPM	56"	Slight clay, cinders
03:30	Bowls 137 FT.	6.5"	500 GPM	56"	slight clay
04:00	Bowls 137 FT.	6.5"	500 GPM	56"	trace of clay
Surged well 8 times - recovers fast to 109 ft.					
05:00	Bowls 137 FT.	6.5"	500 GPM	56"	light brown color in water
05:15	Bowls 137 FT.	6.5"	500 GPM	56"	clean
05:30	Bowls 137 FT.	6.5"	500 GPM	56"	clean
06:00	Bowls 137 FT.	6.5"	500 GPM	56"	clean
06:30	Bowls 137 FT.	6.5"	500 GPM	56"	clean
Recovery check					
06:30	bowls	6.5"	500 GPM	56"	
06:45	127 FT.	4.5"	420 GPM	47"	
07:00	120 FT.	3.0"	340 GPM	38"	
07:15	114 FT.	1.5"	240 GPM	27"	
Took water samples					
07:30					



25 HP standard panel motor
cut @ 140' ft to bottom of pump
400 GPM @ 128' Lift
30' Above ground
158' Head
press gun shut off
Booster
end suction 1800 RPM 2000
600 GPM @ 60' Head
10 HP
VFD on pump