

PUMP INSTALLATION AND TEST REPORT STATE OF COLORADO, OFFICE OF THE STATE ENGINEER

For Office Use only

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AUG 23 1999

WATER RESOURCES STATE ENGINEER COLO.

1. WELL PERMIT NUMBER #210191

2. OWNER NAME(S) JOHN ASTA Mailing Address P.O. Box 776278 City, St. Zip Steamboat Springs, CO 80477 Phone (970) 870-3060

3. WELL LOCATION AS DRILLED: NE 1/4 SE 1/4, Sec. 34 Twp. 7 N, Range 85 W DISTANCES FROM SEC. LINES: 2200 ft. from South Sec. line. and 1250 ft. from East Sec. line. SUBDIVISION: VISTA VALLEY RANCH LOT 3 BLOCK FILING(UNIT) STREET ADDRESS AT WELL LOCATION:

4. PUMP DATA: Type SUBMERSIBLE Installation Completed 7-20-99 Pump Manufacturer GOULDS Pump Model No. 12SB0512 Design GPM 12 at RPM 3450, HP 1, Volts 230, Full Load Amps 6.0 Pump Intake Depth 110 Feet, Drop/Column Pipe Size 1 Inches, Kind Sch. 80 - PVC ADDITIONAL INFORMATION FOR PUMPS GREATER THAN 50 GPM: TURBINE DRIVER TYPE: Electric Engine Other Design Head feet, Number of Stages Shaft size inches.

5. OTHER EQUIPMENT: Airline Installed Yes No, Orifice Depth ft. Monitor Tube Installed Yes No, Depth ft. Flow Meter Mfg. Meter Serial No. Meter Readout Gallons, Thousand Gallons, Acre feet, Beginning Reading

6. TEST DATA: Check box if Test data is submitted on Supplemental Form. Date 7-20-99 Total Well Depth 117' Time 1 hr. Static Level 25 Rate (GPM) 15 Date Measured 7-20-99 Pumping Lvl. 87'

7. DISINFECTION: Type CALCIUM HYPOCHLORITE Amt. Used 3 oz.

8. Water Quality analysis available. Yes No

9. Remarks

10. I have read the statements made herein and know the contents thereof, and that they are true to my knowledge. [Pursuant to Section 24-4-104 (13)(a) C.R.S., the making of false statements herein constitutes perjury in the second degree and is punishable as a class 1 misdemeanor.]

CONTRACTOR HOWARD'S AQUA SYSTEMS Phone (970) 824-7053 Lic. No. 1093 Mailing Address 351 School Street Craig, CO 81625

Name/Title (Please type or print) Signature Date HOWARD W. RITCHIE, OWNER Howard W. Ritchie 8/20/99

INSTRUCTIONS FOR PUMP INSTALLATION REPORT

The report must be typed or printed in BLACK INK. All changes on the form must be initialed and dated. Attach additional sheets if more space is required. Each additional sheet must be identified at the top by the well owner's name, the permit number, form name/number and a sequential page number. Report depths in feet below ground surface.

This form may be reproduced by photocopy methods, or by computer generation with prior approval by the State Engineer. Photocopy reproductions must retain margins and print quality of the original form.

The original form must be submitted to the State Engineer's Office within 60 days after completing the well or 7 days after the permit expiration date, whichever is earlier.

A copy of the form must be provided to the well owner.

If this form is submitted in conjunction with the Well Completion and Test Report, form number GWS-31, ONLY THE PERMIT NUMBER AND OWNER NAME NEED TO BE COMPLETED in items 1 and 2.

1. Complete the Permit Number in full.
2. Fill in Name and Mailing Address of Well Owner where correspondence should be sent.
3. Complete the blocks for the actual location of the well. For wells located in subdivisions the lot, block and subdivision information must also be provided.
4. Indicate the type of pump installed and complete the requested information. When installing pumps greater than 50 gpm, complete the additional information in this area.
5. Provide the information on other equipment which may be installed in the well.
6. Report test data as required by Rule 13.9. Spaces are provided to report all measurements made during the test. The report should show that the test complied with the provisions of the rules. If a test was not performed explain when it will be done. If available, report clock time when measurements were taken.
7. Record the type and the amount of disinfection used, how placed and the length of time left in the hole.
8. Indicate if a water quality analysis was performed and submit a copy of the report if available.
9. Use the remarks area to note any additional information including additional equipment installed, water supply construction problems.
10. Fill in Company Name and Address of Contractor who installed pumping equipment. The report must be signed by the licensed contractor responsible for the installation of pumping equipment.

WELL CONSTRUCTION AND TEST REPORT
STATE OF COLORADO, OFFICE OF THE STATE ENGINEER

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NOV 16 1998

WATER RESOURCES
STATE ENGINEER
COLO.

1. **WELL PERMIT NUMBER** 210191

2. **OWNER NAME(S)** John Asta
Mailing Address P.O. Box 776278
City, St. Zip Steamboat Springs, CO 80477
Phone () 970-879-8647

3. **WELL LOCATION AS DRILLED:** NE 1/4 SE 1/4, Sec. 34 Twp. 7 N, Range 85 W
DISTANCES FROM SEC. LINES:
 ft. from Sec. line. and ft. from Sec. line. OR
(north or south) (east or west)
SUBDIVISION: Vista Valley Ranch **LOT** 3 **BLOCK** **FILING(UNIT)**
STREET ADDRESS AT WELL LOCATION:

4. **GROUND SURFACE ELEVATION** ft. **DRILLING METHOD** rotary
DATE COMPLETED July 6, 1998 **TOTAL DEPTH** 117 ft. **DEPTH COMPLETED** 117 ft.

5. **GEOLOGIC LOG:**

Depth	Description of Material (Type, Size, Color, Water Location)
0 to 31 feet	fill
31 to 117 feet	black shale
water at 78 feet	
REMARKS:	

6. **HOLE DIAM. (in.)**

From (ft)	To (ft)
0	34
34	117

7. **PLAIN CASING**

OD (in)	Kind	Wall Size	From(ft)	To(ft)
7	steel	.231	0	34
5 1/2	pvc	sch 40	30	62
PERF. CASING: Screen Slot Size:				
5 1/2	pvc	sch 40	62	117

8. **FILTER PACK:**
Material
Size
Interval

9. **PACKER PLACEMENT:**
Type
Depth

10. **GROUTING RECORD:**

Material	Amount	Density	Interval	Placement
cement	2 sacks	15#	10 to 20	poured

11. **DISINFECTION: Type** clorox **Amt. Used** 1/2 cup

12. **WELL TEST DATA:** Check box if Test Data is submitted on Form No. GWS 39 Supplemental Well Test.
TESTING METHOD air
Static Level 35 ft. **Date/Time measured** July 6, 1998, **Production Rate** 15 gpm.
Pumping level ft. **Date/Time measured** , **Test length (hrs.)** 2
Remarks

13. I have read the statements made herein and know the contents thereof, and that they are true to my knowledge. [Pursuant to Section 24-4-104 (13)(a) C.R.S., the making of false statements herein constitutes perjury in the second degree and is punishable as a class 1 misdemeanor.]

CONTRACTOR Golden Eagle Drilling Corp. **Phone ()** 970-668-3564 **Lic. No.** 388.
Mailing Address P.O. Box 475, Frisco, CO 80443

Name/Title (Please type or print) Joe W. Shelton, President	Signature <i>Joe W. Shelton</i>	Date 8-16-98
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The report must be typed or printed in **BLACK INK**. All changes on the form must be initialed and dated. Attach additional sheets if more space is required. Each additional sheet must be identified at the top by the well owner's name, the permit number, form name/number and a sequential page number. Report depths in feet below ground surface.

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The original form must be submitted to the State Engineer's Office within 60 days after completing the well or 7 days after the permit expiration date, whichever is earlier.

A copy of the form must be provided to the well owner.

1. Complete the **Well Permit Number** in full.
2. Fill in **Name and Mailing Address of Well Owner** where correspondence should be sent.
3. Complete the blocks for the **actual** location of the well where drilled. If the owner has more than one well serving this property, provide the identification (**Owner's Designation**) for this well. **DO NOT USE THE OWNER SUPPLIED LOCATION** unless a survey has been provided. For wells located in subdivisions the lot, block and subdivision information must also be provided.
4. Report the ground surface elevation in feet above sea level if available. This value may be obtained from a topographic map. Describe the drilling method used to construct the well and the date completed. Indicate the total depth drilled and the actual completed depth of the well.
5. Fully describe the materials encountered in drilling. Do not use formation names unless they are in conjunction with a description of materials.
Examples of descriptive terms include:
Grain size—Boulders, gravel, sand, silt, clay.
Hardness—Loose, soft, tight, hard, very hard.
Color—All materials. Most critical in sedimentary rock.
Depth when water is encountered (if it can be determined).
6. Provide the diameters of the drilled bore hole.
7. The outside diameter, kind, wall thickness and interval of casing lengths must be indicated.
8. Indicate the type and size of filter (gravel) pack and the interval where placed.
9. Indicate the type and setting depth for any packers installed.
10. The density of the grout slurry must be reported and may be indicated as pounds per gallon, gallons of water per sack, total gallons of water and number of sacks used, etc. Specify the grout placement method, i.e. tremie pipe or positive displacement. The percentage of additives mixed with the grout should be reported under remarks.
11. Record the type and the amount of disinfection used, how placed and the length of time left in the hole.
12. Report well test data as required by Rule 10.7. Spaces are provided to report all measurements made during the test. The report should show that the test complied with the provisions of the rules. If a test was not performed explain when it will be done. If available, report clock time when measurements were taken.
13. Fill in **Company Name and Address of Contractor** who constructed the well. The report must be signed by the licensed contractor responsible for the construction of the well.

OFFICE OF THE STATE ENGINEER
COLORADO DIVISION OF WATER RESOURCES

818 Centennial Bldg., 1313 Sherman St., Denver, Colorado 80203
(303) 866-3581

388B

WELL PERMIT NUMBER	210191
DIV. 6	CNTY. 54 WD 58 DES. BASIN MD

APPLICANT

JOHN ASTA
P O BOX 776278
STEAMBOAT SPRINGS CO 80477

(970)879-8647

PERMIT TO CONSTRUCT A WELL

APPROVED WELL LOCATION
ROUTT COUNTY

NE 1/4 SE 1/4 Section 34
Twp 7N Rng 85W 6TH P.M.

DISTANCES FROM SECTION LINES

2200 Ft. from South Section Line
1250 Ft. from East Section Line

ISSUANCE OF THIS PERMIT DOES NOT CONFER A WATER RIGHT
CONDITIONS OF APPROVAL

- 1) This well shall be used in such a way as to cause no material injury to existing water rights. The issuance of the permit does not assure the applicant that no injury will occur to another vested water right or preclude another owner of a vested water right from seeking relief in a civil court action.
- 2) The construction of this well shall be in compliance with the Water Well Construction Rules 2 CCR 402-2, unless approval of a variance has been granted by the State Board of Examiners of Water Well Construction and Pump Installation Contractors in accordance with Rule 18.
- 3) Approved pursuant to CRS 37-92-602(3)(b)(I).
- 4) The use of ground water from this well is limited to fire protection, ordinary household purposes inside one (1) single family dwelling, the irrigation of not more than one (1) acre of home lawns and gardens and the watering of domestic animals. This well is to be located on a 35.01 acre tract.
- 5) The maximum pumping rate shall not exceed 15 GPM.
- 6) The average annual amount of ground water to be appropriated shall not exceed 1.5 acre-feet.
- 7) This well shall be constructed not more than 200 feet from the location specified on this permit.

lcp
6/24/98

APPROVED
lcp

Neil A. Simpson
State Engineer

Lynne C. Peters
By

Receipt No. 432312

DATE ISSUED JUN 25 1998

EXPIRATION DATE JUN 25 2000

COLORADO DIVISION OF WATER RESOURCES
 DEPARTMENT OF NATURAL RESOURCES
 1313 SHERMAN ST., RM. 818, DENVER CO 80203
 phone - info: (303) 866-3587 main: (303) 866-3581

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JUN 29 1998


210191

WATER RESOURCES
 STATE ENGINEER

Water Well Permit Application
 Must be completed in black ink or typed

NEW 35+ ACRE RESIDENTIAL
 Review instructions prior to completing form

1. APPLICANT INFORMATION			
Name of applicant <u>John Asta</u>			
Mailing Address <u>P.O. Box 776278</u>			
City <u>Steamboat Springs</u>	State <u>CO</u>	Zip code <u>80477</u>	
Telephone Number (include area code) <u>970-879-8647</u>			
2. TYPE OF APPLICATION			
CONSTRUCT A NEW WELL ON A TRACT OF LAND OF 35 ACRES OR MORE			
3. REFER TO (if applicable):			
Monitoring hole acknowledgment # MH-			
4. LOCATION OF WELL			
County <u>Probst</u>	Quarter/quarter <u>NW</u> 1/4	Quarter <u>SE</u> 1/4	
Section <u>34</u>	Township N or S <u>7</u> <input checked="" type="checkbox"/> N <input type="checkbox"/> S	Range E or W <u>85</u> <input type="checkbox"/> E <input checked="" type="checkbox"/> W	Principal Meridian <u>6TH</u>
Distance of well from section lines <u>2200</u> ft. from <input type="checkbox"/> N <input checked="" type="checkbox"/> S <u>1250</u> ft. from <input checked="" type="checkbox"/> E <input type="checkbox"/> W			
Well location address, if different from applicant address (if applicable)			
5. TRACT ON WHICH WELL WILL BE LOCATED			
A. ATTACH LEGAL DESCRIPTION FOR 35+ ACRE TRACT			
<input checked="" type="checkbox"/> Development			
Name <u>Vista Valley Ranch</u>			
Lot no. <u>3</u> Unit # _____			
<input type="checkbox"/> Other			
B. STATE PARCEL			
ID# (optional): _____			
C. # acres in tract <u>35.01 ACRES, 1,525,019 SQ. FT.</u>			
D. THIS WILL BE THE ONLY WELL ON THIS TRACT			

6. USE OF WELL (check appropriate entry or entries)	
<input checked="" type="checkbox"/> A. Ordinary household purposes in up to 1 single-family dwellings, the watering of domestic animals, and the irrigation of not more than one (1) acre of home gardens and lawns	
<input type="checkbox"/> B. Livestock watering (on farm/ranch/range/pasture)	
7. WELL DATA	
MAXIMUM PRODUCTION RATE OF THE WELL SHALL NOT EXCEED 15 GPM	
8. TYPE OF RESIDENTIAL SEWAGE SYSTEM	
<input checked="" type="checkbox"/> Septic tank / absorption leach field	
<input type="checkbox"/> Central system	
District name: _____	
<input type="checkbox"/> Vault	
Location sewage to be hauled to: _____	
<input type="checkbox"/> Other (attach copy of engineering design)	
9. PROPOSED WELL DRILLER (optional)	
Name <u>GOLDEN EAGLE</u>	License number
10. SIGNATURE of applicant(s) or authorized agent	
The making of false statements herein constitutes perjury in the second degree, which is punishable as a class 1 misdemeanor pursuant to C.R.S. 24-4-104(13)(a). I have read the statements herein, know the contents thereof and state that they are true to my knowledge.	
Must be original signature 	
Title <u>OWNER</u>	Date <u>06/16/98</u>
Office Use Only	DWR Map No.
RECEIVED	
JUN 16 1998 <i>non critical</i>	
COLD DIV OF WATER RES DIVISION 6	
WELL 600K, NO STRUCTURES THIS 1/4 1/4	
Q in FD. NO STRUCTURES THIS 1/4 1/4	
MAP.	
CHECKS DIV OF WATER RESOURCES	TR#432312 062998
USE	MD
DIV <u>6</u>	CO <u>54</u>
WD <u>5B</u>	BA <u>60.00</u>

NE
SE

35 + ACRE RESIDENTIAL - GENERAL INSTRUCTIONS

There are a variety of uses for ground water in Colorado. This form (GWS-50) is to be used only when applying for a permit for a NEW well that will be used for household use in up to three single family residences, watering of up to one acre of home gardens and lawns, and watering of the owner's domestic animals (sometimes referred to as "DOMESTIC" use), and/or for the watering of livestock on a farm, ranch, range, or pasture. This form is to be used only if the well will be the only well on your tract of land of 35 acres or more.

This form should not be used in the following cases:

HOUSEHOLD USE ONLY - Use form GWS-49

REPLACEMENT of a residential or livestock well - Use form GWS-44

FEES This Application must be submitted with the required \$60 non-refundable filing fee.

~~Checks should be payable to the COLORADO DIVISION OF WATER RESOURCES.~~

Applications are evaluated in chronological order. Please allow approximately six weeks for processing.

APPLICATIONS must be completed clearly, and legibly, in BLACK INK or typed. ALL ITEMS in the application must be completed. Incomplete applications may be returned to the applicant for more information. Do not change or alter the application in any way.

THE LOCATION of the well in item 4 must be correctly and accurately described. The county, quarter/quarter, section, township, range, principal meridian, and distance from section lines must be provided.

NOTE: Distances are not necessarily the same distances as the distances from (your) property lines.

For additional assistance in describing the location of your well, review the publication entitled "How to Determine Well Locations" which was provided with your packet, or can be requested from any Colorado Division of Water Resource office.

A LEGAL DESCRIPTION or survey plat of your lot or parcel of land is required in item 5.

An ORIGINAL signature must be on each application. The applicant's authorized agent may sign the application, if a letter signed by the applicant is submitted with the application authorizing them to act as agent for the purpose of obtaining a well permit.

IF YOU HAVE ANY QUESTIONS regarding any item on the application form, please call the Division of Water Resources Ground Water Information Desk (303-866-3587), or the nearest Division of Water Resources Field Office located in Greeley (970-352-8712), Pueblo (719-542-3368), Alamosa (719-589-6683), Montrose (970-249-6622), Glenwood Springs (970-945-5665), Steamboat Springs (970-879-0272), or Durango (970-247-1845).

DETAILED INSTRUCTIONS ARE AVAILABLE UPON REQUEST

DIVISION VI CHECKLIST
EXEMPT WELL PERMIT APPLICATIONS

APPLICANT NAME JOHN ASTA

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WATER RESOURCES
STATE ENGINEER
COLO.

- Application typed or neatly printed in black ink
- Over-appropriated
- Non over-appropriated
- Field inspection complete & attached for late registration)
- Appropriate form
- Type of permit application (correct)
- Refer to (if applicable)
 - Water Court Case No. Permit No. Verbal No. MH No. Well name or number
- Location 1/4 1/4 matches distance from sec line
**In irregular sections, distances and 1/4 1/4 must be measured from SE corner of section*
- Metes and Bounds Description
- Use Type Correct
- Well Data Information appropriate
- Variance request attached, if applicable

- Application signed
- Written authorization for agent's signature (attached)

Comments

DENVER # 10 m
irregular section

Application fee attached: Ck # 654 Amount \$ 60.00

Legal Description (metes and bounds) attached _____

Variance request attached if applicable _____

Division 6 County Code 54 District No. 58

Application taken by: Walter Bohm

Application checked by: Sydney Kellus

Date to Denver _____