

FORM NO. WS-1 7/93

STATE OF COLORADO  
OFFICE OF THE STATE ENGINEER  
818 Centennial Bldg., 1313 Sherman St., Denver, Colorado 80203  
(303) 866-3581

For Office Use only

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JUL 01 '94

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WATER RESOURCES  
STATE ENGINEER  
COLORADO

WATER RESOURCES  
STATE ENGINEER  
COLORADO

PRIOR TO COMPLETING FORM, SEE INSTRUCTIONS ON REVERSE SIDE

CHANGE IN OWNERSHIP/ADDRESS / LOCATION

WELL PERMIT, LIVESTOCK TANK OR EROSION CONTROL DAM

1. NEW OWNER

NAME(S) W. Keith or Kathi L. Skytta  
Mailing Address Box 773843  
City, St. Zip Steamboat Springs, Co. 80477  
Phone (303) 870-8147

2. THIS CHANGE IS FOR ONE OF THE FOLLOWING:

- WELL PERMIT NUMBER 173271
- LIVESTOCK WATER TANK NUMBER
- EROSION CONTROL DAM NUMBER

3. WELL LOCATION: COUNTY Routt

OWNER'S WELL DESIGNATION

(Address) (City) (State) (Zip)  
NW 1/4 of the SE 1/4, Sec. 14 Twp. 5  N. or  S., Range 85  E. or  W. 6th P.M.  
 Distances from Section Lines 2280 Ft. from  N. or  S. Line, 1880 Ft. from  E. or  W. Line.  
 Subdivision Big Valley Ranch Lot 12 Block \_\_\_\_\_ Filing (Unit) 2 A

4. LIVESTOCK TANK OR EROSION CONTROL DAM LOCATION: COUNTY

1/4, Sec. Twp.  N. or  S., Range  E. or  W. P.M.

5. The above listed owner(s) say(s) that he (they) own the structure described herein.

The existing record is being amended for the following reason(s):

- Change in name of owner.
- Change in mailing address.
- Correction of location.

6. I (we) have read the statements made herein, know the contents thereof, and state that they are true to my (our) 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.]

Name/Title (Please type or print)

W. Keith Skytta  
Kathi L. Skytta

Signature

W. Keith Skytta  
Kathi L. Skytta

Date

6/30/94

FOR OFFICE USE ONLY

ACCEPTED FOR A CHANGE IN OWNERSHIP ONLY

Hal D. Simpson

Norman L. Hill

8-11-1994

State Engineer

By

Date

Court Case No. \_\_\_\_\_ Div. 6 Co. 54 WD 58 Basin \_\_\_\_\_ MD \_\_\_\_\_ Use 8

PUMP INSTALLATION AND TEST REPORT

STATE OF COLORADO, OFFICE OF THE STATE ENGINEER

For Office Use only

RECEIVED

JAN 09 '95

STATE ENGINEER

1. WELL PERMIT NUMBER 173271

2. OWNER NAME(S) KEITH SKYTTA
Mailing Address BOX 773843
City, St. Zip STEE SPRING, CO 80477
Phone (303) 870-8147

3. WELL LOCATION AS DRILLED: NW 1/4 SE 1/4, Sec. 14 Twp. 5 N, Range 85 W
DISTANCES FROM SEC. LINES: 2280 ft. from SOUTH Sec. line. and 1880 ft. from EAST Sec. line.
SUBDIVISION: BIG VALLEY RANCH LOT 1 BLOCK 0 FILING(UNIT) 2
STREET ADDRESS AT WELL LOCATION:

4. PUMP DATA: Type SUBMERSIBLE Installation Completed 10/19/94
Pump Manufacturer BULLDS Pump Model No. 73510412
Design GPM 7 at RPM 3450, HP 1.00, Volts 0.00, Full Load Amps 10.00
Pump Intake Depth 245 Feet, Drop/Column Pipe Size 1 inches, Kind 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. 0, Monitor Tube Installed [ ] Yes [ ] No, Depth ft. 0
Flow Meter Mfg. ELECTRIC 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.

Table with 4 columns: Date (09/26/94), Time (1353, 1433, 1523, 1616), Rate (GPM) (11, 10, 9, 7), Pumping Lvl. (110, 200, 268, 269)

7. DISINFECTION: Type CHLORINE PELLETS Amt. Used 35

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 B & J Pump & Well Service
30780 RCR 33 • P.O. Box 772740
Mailing Address Steamboat Springs, CO 80477
Phone (303) 879-6632 Lic. No. 1107
Colo. Lic. #1107

Name/Title (Please type or print) Robert T. Brown
Signature [Handwritten Signature]
Date 12/30/94

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

For Office Use only  
**RECEIVED**

JUN 17 '94

WATER RESOURCES  
STATE ENGINEER  
COLORADO

1. WELL PERMIT NUMBER 173271

2. OWNER NAME(S) Keith SKYTTA  
Mailing Address 104 Box 773543  
City, St. Zip STAN. SPGS. CO 80477  
Phone (303) 8147

3. WELL LOCATION AS DRILLED: NW 1/4 SE 1/4, Sec. 14 Twp. 5 N Range 95 W  
DISTANCES FROM SEC. LINES:  
2290 ft. from 5 Sec. line, and 1850 ft. from 5 Sec. line. OR  
(north or south) (east or west)  
SUBDIVISION: Big Valley Ranch LOT 13 BLOCK \_\_\_\_\_ FILING(UNIT) 2A  
STREET ADDRESS AT WELL LOCATION: \_\_\_\_\_

4. GROUND SURFACE ELEVATION 7 ft. DRILLING METHOD AIR HAMMER  
DATE COMPLETED MAY 12-94 TOTAL DEPTH 390 ft. DEPTH COMPLETED 290 ft.

5. GEOLOGIC LOG:  
Depth Description of Material (Type, Size, Color, Water Location)  
0-21 CLAY BRN.  
21-290 SAND, VARY FINE  
w/ STRINGS of 1/4"  
GRAVEL CLAY  
360' WATER

6. HOLE DIAM. (in.)	From (ft)	To (ft)
<u>8 3/4</u>	<u>0</u>	<u>30</u>
<u>6 1/4</u>	<u>30</u>	<u>390</u>

7. PLAIN CASING				
OD (in)	Kind	Wall Size	From (ft)	To (ft)
<u>4 1/2</u>	<u>P.V.C.</u>	<u>.160</u>	<u>30</u>	<u>350</u>
<u>7"</u>	<u>STEEL</u>	<u>.188</u>	<u>0</u>	<u>20</u>
PERF. CASING: Screen Slot Size: <u>1/4</u>				
<u>4 1/2</u>	<u>P.V.C.</u>	<u>.160</u>	<u>350</u>	<u>396</u>

8. FILTER PACK:		9. PACKER PLACEMENT:	
Material	Size	Type	Depth
_____	_____	_____	_____
_____	_____	_____	_____

10. GROUTING RECORD:				
Material	Amount	Density	Interval	Placement
<u>PORT. 25% S</u>	<u>10%</u>	<u>0-20</u>	<u>POSIT.</u>	

11. DISINFECTION: Type H.T.H. Powder Amt. Used 302

12. WELL TEST DATA:  Check box if Test Data is submitted on Supplemental Form.  
TESTING METHOD Bailing  
Static Level 65 ft. Date/Time measured 5/12/94 1 PM Production Rate 20 gpm.  
Pumping level 180 ft. Date/Time measured 5/12/94 3 PM Test length (hrs.) 4 HRS  
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)(e) C.R.S., the making of false statements herein constitutes perjury in the second degree and is punishable as a class 1 misdemeanor.]

CONTRACTOR ROBERT DIBLON CO Phone (303) 276 3418 Lic. No. 530  
Mailing Address Box 752 Hayden Co. 80639

Name/Title (Please type or print) <u>J.A. Czihin owner</u>	Signature <u>J.A. Czihin</u>	Date <u>5-17-94</u>
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OFFICE OF THE STATE ENGINEER  
COLORADO DIVISION OF WATER RESOURCES

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

1134

WELL PERMIT NUMBER 173271  
DIV. 6 CNTY. 54 WD 58 DES. BASIN MD

APPLICANT

TIMOTHY C WARD  
68 N PONDEROSA WAY  
EVERGREEN CO 80439

(303)674-0484

Lot: 12 Block: Filing: 2A Subdiv: BIG VALLEY RANCH

APPROVED WELL LOCATION  
ROUTT COUNTY

NW 1/4 SE 1/4 Section 14  
Twp 5 N RANGE 85 W 6th P.M.

DISTANCES FROM SECTION LINES

2280 Ft. from South Section Line  
1880 Ft. from East Section Line

PERMIT TO CONSTRUCT A WELL

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 and Pump Installation 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 17.
- 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.
- 5) The maximum pumping rate shall not exceed 15 GPM.
- 6) This well shall be constructed not more than 200 feet from the location specified on this permit. This location is on a 36.99 acre parcel in Routt County known as Lot 12, Filing 2A in the Big Valley Ranch.

APPROVED  
BH *6/12/93*

*Hal D. Simpson*  
\_\_\_\_\_  
State Engineer

*John Schur*  
\_\_\_\_\_  
By

Receipt No. 0358935

DATE ISSUED SEP 28 1993

EXPIRATION DATE SEP 28 1995

Best Copy Available

COLORADO DIVISION OF WATER RESOURCES  
818 Centennial Bldg., 1313 Sherman St., Denver, Colorado 80203

RECEIVED

AUG 16 '93

19D  
Cow Creek

PERMIT APPLICATION FORM

WATER RESOURCES  
STATE ENGINEER  
COLO.

60.00

CHEQUE  
88-16-9501-58935

Application must be complete where applicable. Type or print in BLACK INK. No overstrikes or erasures unless initialed.

(X) A PERMIT TO USE GROUND WATER  
(X) A PERMIT TO CONSTRUCT A WELL  
FOR: (X) A PERMIT TO INSTALL A PUMP

( ) REPLACEMENT FOR NO. \_\_\_\_\_  
( ) OTHER \_\_\_\_\_  
WATER COURT CASE NO. \_\_\_\_\_

(1) APPLICANT - mailing address

NAME Timothy C. Ward  
STREET 68 N Ponderosa Way  
CITY Evergreen CO. 80439  
(State) (Zip)  
TELEPHONE NO. 303-674-0484

FOR OFFICE USE ONLY: DO NOT WRITE IN THIS COLUMN

Receipt No. 358935 / \_\_\_\_\_

Basin \_\_\_\_\_ Dist. \_\_\_\_\_

CONDITIONS OF APPROVAL

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.

- Well Location -- Several wells -- Only well thru 1/4
- Big Valley Ranch Subdivision
- Trib to Cow Creek Trib to Yampa
- Plotted on map 19D
- Plotted on Subdivision map
- Non critical

(2) LOCATION OF PROPOSED WELL

County Routt  
NW 1/4 of the SE 1/4, Section 14  
Twp. 5N, Rng. 85 W, 6th P.M.  
(N.S) (E,W)

(3) WATER USE AND WELL DATA

Proposed maximum pumping rate (gpm) 15  
Average annual amount of ground water to be appropriated (acre-feet): 1  
Number of acres to be irrigated: 1  
Proposed total depth (feet): 350

Aquifer ground water is to be obtained from:  
Fractured granite & quartz

Owner's well designation \_\_\_\_\_

GROUND WATER TO BE USED FOR:

- ( ) HOUSEHOLD USE ONLY - no irrigation (0)  
 DOMESTIC (1) ( ) INDUSTRIAL (5)  
 ( ) LIVESTOCK (2) ( ) IRRIGATION (6)  
 ( ) COMMERCIAL (4) ( ) MUNICIPAL (8)  
 ( ) OTHER (9) \_\_\_\_\_

DETAIL THE USE ON BACK IN (11)

APPLICATION APPROVED

PERMIT NUMBER \_\_\_\_\_

DATE ISSUED \_\_\_\_\_

EXPIRATION DATE \_\_\_\_\_

(STATE ENGINEER)

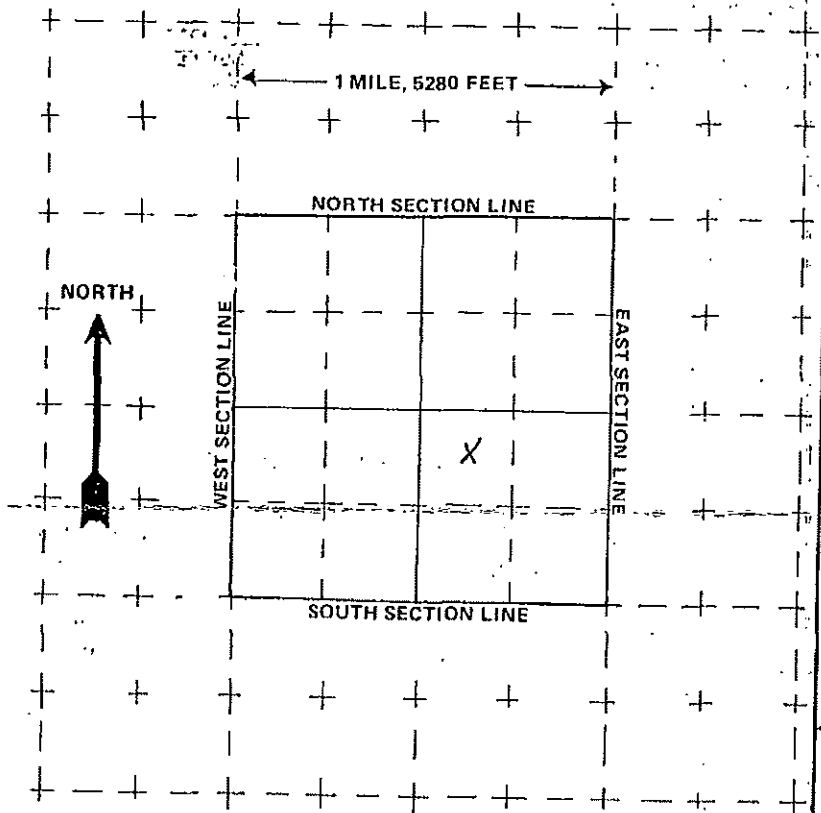
BY \_\_\_\_\_

I.D. 6 COUNTY 59-58

(4) DRILLER

Name James Drilling Co.  
Street 6234 West 56th Ave  
City Arvada CO. 80002  
(State) (Zip)  
Telephone No. 420-5181 Lic. No. 1134

(5) THE LOCATION OF THE PROPOSED WELL and the area on which the water will be used must be indicated on the diagram below. Use the CENTER SECTION (1 section, 640 acres) for the well location.



The scale of the diagram is 2 inches = 1 mile  
Each small square represents 40 acres.

WATER EQUIVALENTS TABLE (Rounded Figures)

An acre-foot covers 1 acre of land 1 foot deep  
1 cubic foot per second (cfs) . . . 449 gallons per minute (gpm)  
A family of 5 will require approximately 1 acre-foot of water per year.  
1 acre-foot . . . 43,560 cubic feet . . . 325,900 gallons.  
1,000 gpm pumped continuously for one day produces 4.42 acre-feet.

(6) THE WELL MUST BE LOCATED BELOW by distances from section lines.

2280 ft. from South (north or south) sec. line

1880 ft. from East (east or west) sec. line

LOT 12 BLOCK \_\_\_\_\_ FILING # II A

SUBDIVISION Big Valley Ranch

(7) TRACT ON WHICH WELL WILL BE LOCATED Owner: Timothy C. Ward

No. of acres 36.99 Will this be the only well on this tract? YES

(8) PROPOSED CASING PROGRAM

Plain Casing

6 5/8 in. from + ft. to 20 ft.

4.5 in. from 10 ft. to 250 ft.

Perforated casing

4.5 in. from 250 ft. to 350 ft.

\_\_\_\_\_ in. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

(9) FOR REPLACEMENT WELLS give distance and direction from old well and plans for plugging it:

N/A

(10) LAND ON WHICH GROUND WATER WILL BE USED:

Owner(s): Timothy C. Ward No. of acres: 36.99

Legal description: NW 1/4 SE 1/4 Sec 14 - T5N - R5W. 6th P.M.

(11) DETAILED DESCRIPTION of the use of ground water: Household use and domestic wells must indicate type of disposal system to be used.

Domestic - Household use, & water of domestic animals.

Engineered Septic & leach field

(12) OTHER WATER RIGHTS used on this land, including wells. Give Registration and Water Court Case Numbers.

Type or right	Used for (purpose)	Description of land on which used
<u>N/A</u>	<u>N/A</u>	<u>N/A</u>

(13) THE APPLICANT(S) STATE(S) THAT THE INFORMATION SET FORTH HEREON IS TRUE TO THE BEST OF HIS KNOWLEDGE.

Timothy C. Ward  
SIGNATURE OF APPLICANT(S)

Name Keith Skytta

Mailing Address PO Box 773843 SS

Water Address \_\_\_\_\_

Date Brought In 3-21-95 Time Test Started 10:55

Phone # For Results 870-8147

Coliform: Present  Absent

Your bacteriological water test results reveal a SAFE/UNSAFE sample for total coliform organisms. If unsafe, the water supply should be treated and retested, following Colorado Dept. of Health Water Disinfection Guidelines. These results were determined using a U.S. EPA approved methodology for total coliform testing. Please call the Routt County Dept. of Environmental Health (879-0185) with any further questions.

**INSTRUCTIONS.**

3. Use a match to sterilize faucet head - \*Caution: Some faucets contain plastic components or rubber gaskets - do not melt them!
4. Allow the water to run freely for four to five minutes to flush the pipes.
5. Keep the sample bottle closed until the moment of collecting the sample. When opening the sample bottle, avoid touching any part of the bottle that will come in direct contact with the water sample. Care must be taken to insure the fingers do not come in contact with the water entering the bottle.
6. When taking the sample, fill the bottle with cold water to the 100 ml level (to the blue line).
7. Deliver to the Routt County Department of Environmental Health as soon as possible, but no later than twenty-four (24) hours after collection.

## \*\*\* I N V O I C E \*\*\*

3&J PUMP & WELL SERVICE INC.  
 P.O. BOX 772740  
 30780 RCR 33 #8  
 STBT. SPRING, CO. 80477

INVOICE NO.: 01118  
 CUSTOMER NO.: 0501  
 DATE: 09/26/94

## SOLD TO:

KEITH SKYTTA  
 P.O. BOX 773843

BIG VALLEY LOT #12  
 FILING 2A

STEAMBOAT SPRING, CO 80477-3843

SHIP DATE SHIPPED VIA F.O.B. TERMS SALES- ORDER  
 PERSON DATE P.O. NUMBER

## DUE UPON RECEIPT

QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
	9/13/94 SET PUMP AND WELL TEST		
	390' TOTAL DEPTH		
	60' START STATIC		
	6.5 GPM AT 269'		
	1245.9 TOTAL GALLONS PUMPED		
	345' PUMP SET		
1	76810412 GOULDS SUB PUMP AA 500528 2D 94	765.00T	765.00
1	1 1/4 x CI Br NIP	5.50T	5.50
1	1 1/4 x 1 BELL REDUCER	7.65T	7.65
1	SPLICE KIT	3.95T	3.95
355	Ft. #10 SUB WIRE	0.91T	323.05
1	2 x 4 BELL BOX	13.60T	13.60
1	1" PVC x MPT ADAPTER	0.35T	0.35
1	1" x CI B.P. NIP	0.96T	0.96
345	Ft. 1" DROP PIPE	0.83T	286.35
1	LABOR///BOB	36.00	36.00
8.50	LABOR///DOUG	25.50	216.75
1.75	HRS RIG TRUCK	40.00	70.00
1	SUBSURANCE PUMP PROTECTION POLICY POLICY # P192986	25.00	25.00

T H A N K Y O U \* SUB-TOTAL 1,754.16 SHIPPING CHARGES 14.70  
 SALES TAX 56.25 TOTAL 1,825.11