

WEST IRRIGATION WELL

**Ground Water Commission  
State of Colorado**

**Final Permit No. 2567-FP**

**KIOWA-BIJOU DESIGNATED GROUND WATER BASIN**

**Priority Date:** March 23, 1960  
**Use(s):** IRRIGATION  
**Name of Claimant:** DANIEL A & SHELLY K FRIHAUF  
**Permitted Well Location:** SE 1/4 of the NW 1/4 at a point 2660 feet from the South Section Line and 3640 feet from the East Section Line of Section 23, Township 1 South, Range 60 West of the Sixth Principal Meridian.

**Maximum annual volume of appropriation:** 600 acre-feet  
**Maximum pumping rate:** 1000 gallons per minute  
**Number of acres which may be irrigated:** 240 acres  
**Totalizing Flow Meter:** Meter may be required  
**Description of acres irrigated or place of use:** 240 acres in the N1/2 of Section 23, Township 1 South, Range 60 West  
**Aquifer(s):** QUATERNARY ALLUVIUM

**COMMINGLED ACRES AUTHORIZATION**

**Other wells commingled:** 5954-R  
**Commingled annual appropriation:** 635 acre-feet  
(Subject to individual well permit limits)  
**Number of commingled acres:** 254 acres  
**Description of commingled acreage:** 254 acres in the N1/2 of Section 23, Township 1 South, Range 60 West

Done this 29<sup>th</sup> day of March, 2012

Dick Wolfe

Dick Wolfe  
State Engineer  
State of Colorado

By: Keith Vander Horst

Keith Vander Horst, P.E.  
Designated Basins Team Leader

Receipt No.: 9000408

Basin: KIOWA-BIJOU

Permit Number 2567-F

Owner FRIHAUF DANIEL A & SHELLY K

Address 15180 MIMOSA ROAD

BYERS CO 80103

Phone (h) (970) 483-5203

(w) \_\_\_\_\_

Priority date: 3/23/1960 ✓  
Use: IRRIGATION ✓  
Depth: 129  
Aquifer(s): QUATERNARY ALLUVIUM

Meter Required: No  
Expanded Acres: No  
Commingle / APD Yes

Log/H  
App/SBU  
Log/H  
Geotech  
App  
Silent  
SBU  
Div: 8  
Co: 1  
WD: 1  
MD: 7  
DB: 2  
Grp: 13

WELL LOCATION: SE 1/4 / NW 1/4, Section 23, Township 1 S, Range 60 W PM: S  
2660 feet from the S section line, 3640 feet from the E section line.

App/SBU ✓  
SBU ✓

UTM Coordinates: Easting: \_\_\_\_\_ Northing: \_\_\_\_\_

Latitude/Longitude: Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_

PERMIT STATISTICS: 600 ✓ 2.5 AFA ✓ 605 Acre-feet/year, SBU/calc 1000 G.P.M., Log/H/SBU 242 Acres SBU Recs 240

Description of Acres Irrigated:

240 acres in the N1/2 of Section 23, Township 1 South, Range 60 West

Date Completed: 3/22/1960, Date Issued 5/16/1960, Beneficial Use expiration date 7/1/1973, First Use Date 3/23/1960

Associated permits and notes

Initials Date

EXPANDED ACRES: Priority Date: \_\_\_\_\_, The priority is date of \_\_\_\_\_ Application \_\_\_\_\_ First Use \_\_\_\_\_ Other \_\_\_\_\_

0 Acre-feet/year, Additional Acres Description of \_\_\_\_\_ Additional Acres Total Acres: \_\_\_\_\_

Initials Date

COMMINGLING:

Permits 5954-R

635 254 Acre-feet/year 254 Acres

Description of acres

254 acres in the N1/2 of Section 23, Township 1 South, Range 60 West

Initials Date

FINAL PERMIT EVALUATION CHECKLIST

- ✓ SBU received: 2/6/2006
- ✓ Evaluated Initials HIF Date 8/16/10
- Clarified Initials \_\_\_\_\_ Date \_\_\_\_\_
- ✓ Date Entered Initials \_\_\_\_\_ Date \_\_\_\_\_

OK-RVH  
8-9-2011

FORM NO. GWS-11 10/78

STATE OF COLORADO OFFICE OF THE STATE ENGINEER

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

RECEIVED

NOV 20 '89

WATER RESOURCES STATE ENGINEER

COLD

11-20-89 11:25 A  
10 @ 0.50  
333115 5.00  
133107 2.00  
S/T 7.00  
TTL 7.00

CHEQUE

CHG 0.00  
ITM 11  
CL-1 DA7190

PRIOR TO COMPLETING FORM, SEE INSTRUCTIONS ON REVERSE SIDE

CHANGE IN OWNERSHIP / ADDRESS

WELL PERMIT, LIVESTOCK TANK OR EROSION CONTROL DAM

1. CURRENT OWNER

NAME(S) Daniel A. Frickauf  
Mailing Address SR Box 117A  
City, St. Zip Byers CO 80103  
Phone (303) 432-5203

2. THIS CHANGE IS FOR ONE OF THE FOLLOWING:

- WELL PERMIT NUMBER 2567E
- LIVESTOCK WATER TANK NUMBER \_\_\_\_\_
- EROSION CONTROL DAM NUMBER \_\_\_\_\_

3. WELL LOCATION: COUNTY Adams OWNER'S WELL DESIGNATION Irrigation

(Address) (City) (State) (Zip)  
SE 1/4 of the NW 1/4, Sec. 23 Twp. 1  N. or  S., Range 60  E. or  W. 6 P.M.  
 Distances from Section Lines 20 Ft. from  N. or  S. Line, 1000 Ft. from  E. or  W. Line.  
 Subdivision (measured from NW 1/4 Sect 23) Lot \_\_\_\_\_ Block \_\_\_\_\_ Filing (Unit) \_\_\_\_\_

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.

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)	Signature	Date
	<u>Daniel A. Frickauf</u>	

FOR OFFICE USE ONLY

John A. Hamilton By M. Otelli Date NOV 07 1990  
 State Engineer  
 Court Case No. \_\_\_\_\_ Div. 1 Co. 1 WD 1 Basin 2 MD 7 Use \_\_\_\_\_

Form C (Rev.)  
4-58/5M

STATE OF COLORADO  
APPLICATION FOR USE OF GROUND WATER  
(Use Indelible Pencil or Typewriter)

RECEIVED

MAY 16 1960

Applicant Ted Dill

P.O. Address Byers, Colo.

Quantity applied for 1200 gpm or  
AF Storage

Used for irrigation Purposes

on/at N 1/2 S  
(legal description of land site)

Total acreage irrigated and other rts.  
ESTIMATED DATA OF WELL

Hole size: 32 in. to 129 ft.  
in. to ft.

Casing Plain 16 in. from 0 to 89 ft.  
in. from ft.

Perf. 16 in. from 89 to 129 ft.  
in. from ft.

PUMP DATA: Type Turbine HP 30 Size 10" Outlet

Use initiation date 19  
(Use Supplemental pages for additional data)

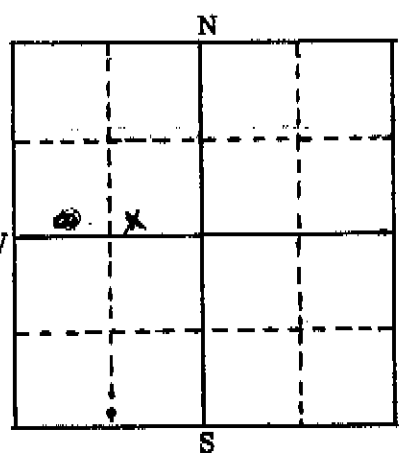
County Adams LOCATION OF WELL  
GROUND WATER DISTRICT

SE 1/4 NW 1/4 Sect. STATE ENGINEER S

Rge. 60W 6 P.M. OR

Street Address or Lot & Block No.

Town or Subdivision



Locate well in 40 acre (small) square as near as possible.

\$25.00 fee required for Industrial, Commercial or Irrigation uses.

Applicant Ted Dill

Agent or Driller Virgil Segelke No. 115

Address Wiggins, Colo.

PLEASE NOTE

PLEASE

THIS APPLICATION APPROVED  
NO. 2567-E  
DATE MAY 16 1960 19

NOTE — SATISFACTORY COMPLETION REQUIRED FOR APPROVAL OF APPLICATION

MAR 23 1961  
F. E. (Rev.)  
/SN

STATE OF COLORADO  
DIVISION OF WATER RESOURCES  
OFFICE OF THE STATE ENGINEER  
GROUND WATER SECTION

RECEIVED

MAR 22 1961  
GROUND WATER SECT.  
STATE ENGINEER

IDWD  
Registered  
Cards Typed

Best Copy Available

AND HISTORY OF WELL  
PERMIT NO. 2567-F

Drilled by Segelke  
Lic. No. 115

WELL LOCATION

Owner Ed Dill

Adams County

Address Byers, Colo.

SE 1/4 of NW 1/4 of Sect. 23

Tenant same

Twp. 120, Rge. 60W, 6 PM

Used for irrigation  
on or by \_\_\_\_\_  
(description of site or land)

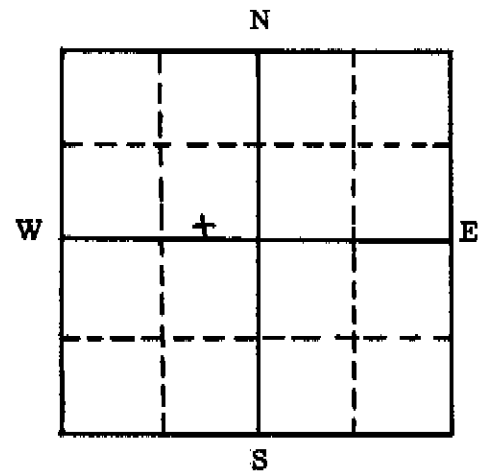
LOCATE WELL ACCURATELY  
IN THE SMALL SQUARES REPRESENTING 40 ACRES

Date Started 3/20, 1960

Date Completed 3/22, 1960

Date Tested 3/23, 1960

Yield 1000 gpm 110 cfs



Pump type turbine Outlet Size 10"

Driven by 30 HP @ RPM 1750

Depth to Water 52 Ft. Draw down 58 Ft.

Depth to Inlet 120 Ft.; Bowl 33 Ft.

Size and Kind of Casing:

If the above is not applicable  
fill in:

From 0 to 70 Type rlk Wt. 18

Town or Subdivision \_\_\_\_\_

From \_\_\_\_\_ to \_\_\_\_\_ Type \_\_\_\_\_ Wt. \_\_\_\_\_

Street Address or Lot & Block \_\_\_\_\_

From \_\_\_\_\_ to \_\_\_\_\_ Type \_\_\_\_\_ Wt. \_\_\_\_\_

Perforations: Size and Type

Ground elevation \_\_\_\_\_  
(if known)

From 70 to 129 Type rlk Size 16"

How Drilled: \_\_\_\_\_

From \_\_\_\_\_ to \_\_\_\_\_ Type \_\_\_\_\_ Size \_\_\_\_\_

From \_\_\_\_\_ to \_\_\_\_\_ Type \_\_\_\_\_ Size \_\_\_\_\_

Well description: Total Depth 129 Ft.

REMARKS

(from 0 to 129, 32 in.

Cementing, Packing, Type of  
Shut-off, Depth to Shut-off, etc.  
PUT LOG OF WELL ON REVERSE SIDE

Hole (from \_\_\_\_\_ to \_\_\_\_\_, \_\_\_\_\_ in.

Diam. (from \_\_\_\_\_ to \_\_\_\_\_, \_\_\_\_\_ in.

TO BE MADE OUT IN QUADRUPPLICATE: Original Blue and Duplicate Green to  
State Engineer's Office, White copy to Owner, and Yellow copy to Driller

Best Copy Available

LOG OF WELL  
(ADD SPACES AS NEEDED)

From 0 ft. to 1 ft.  
   ft. to    ft.  
   ft. to    ft.  
   ft. to    ft.  
   ft. to    ft.

Form No.  
GWS-10  
02/2005

**STATE OF COLORADO  
GROUND WATER COMMISSION  
DIVISION OF WATER RESOURCES**  
818 Centennial Bldg., 1313 Sherman St., Denver, CO 80203  
(303) 866-3581 Fax (303) 866-3589

For Office Use Only

**STATEMENT OF BENEFICIAL USE**

(For wells located within a Designed Ground Water Basin.)

**RECEIVED**  
**FEB 06 2006**  
WATER RESOURCES  
STATE ENGINEER  
COLORADO

1. Insert the Well Permit Number: 2567 F

2. Name, address and phone number of the well owner:

NAME(S) Daniel A. Frihauf, Shelley K. Frihauf

Mailing Address 15180 Mimosa Rd

City, State, Zip Byers, CO 80103

Phone (970) 483-5203

(Review the instructions for completing this Statement on the reverse of the form.)

3. WELL LOCATION: County Adams Owner's Well Designation \_\_\_\_\_

SE<sub>1/4</sub> of the NW<sub>1/4</sub>, Section 23, Township 1  North or  South, Range 60 West of the Sixth P.M.

Distance from Section Lines: 20 feet from  North or  South, 1000 feet from  East or  West, section lines. \*

4. The well is being used for the following purpose(s): Irrigation

5. Water from the well was first beneficially used, under this permit for the above-described purpose(s), on the following date: 3-23-60

6. The pumping rate claimed is 1000 gallons per minute.

7. The maximum annual amount of water diverted by the well for the above-described purpose(s) is 605 acre-feet.

8. The land irrigated by water from this well is 242 acres, described as:  
number

comingled with Permit # 5954 RF

9. Well constructed by: \_\_\_\_\_ License No. \_\_\_\_\_

Pump installed by: \_\_\_\_\_ License No. \_\_\_\_\_

10. Meter Mfg. by: \_\_\_\_\_ Serial No. \_\_\_\_\_ Date Installed \_\_\_\_\_

I (we) claim and say that I (we) am (are) the owner(s) of the well described above, know the contents of the statements made herein, and state that they are true to my (our) knowledge.

Please print the signer's name & title:

Daniel A. Frihauf

Signature(s) of the well owner(s):

Daniel A. Frihauf

Date:

2-6-06

For Office Use Only

State Engineer

By

Date

\* probably measured from half-section line

STATEMENT OF BENEFICIAL USE

DIAGRAM OF IRRIGATED ACRES

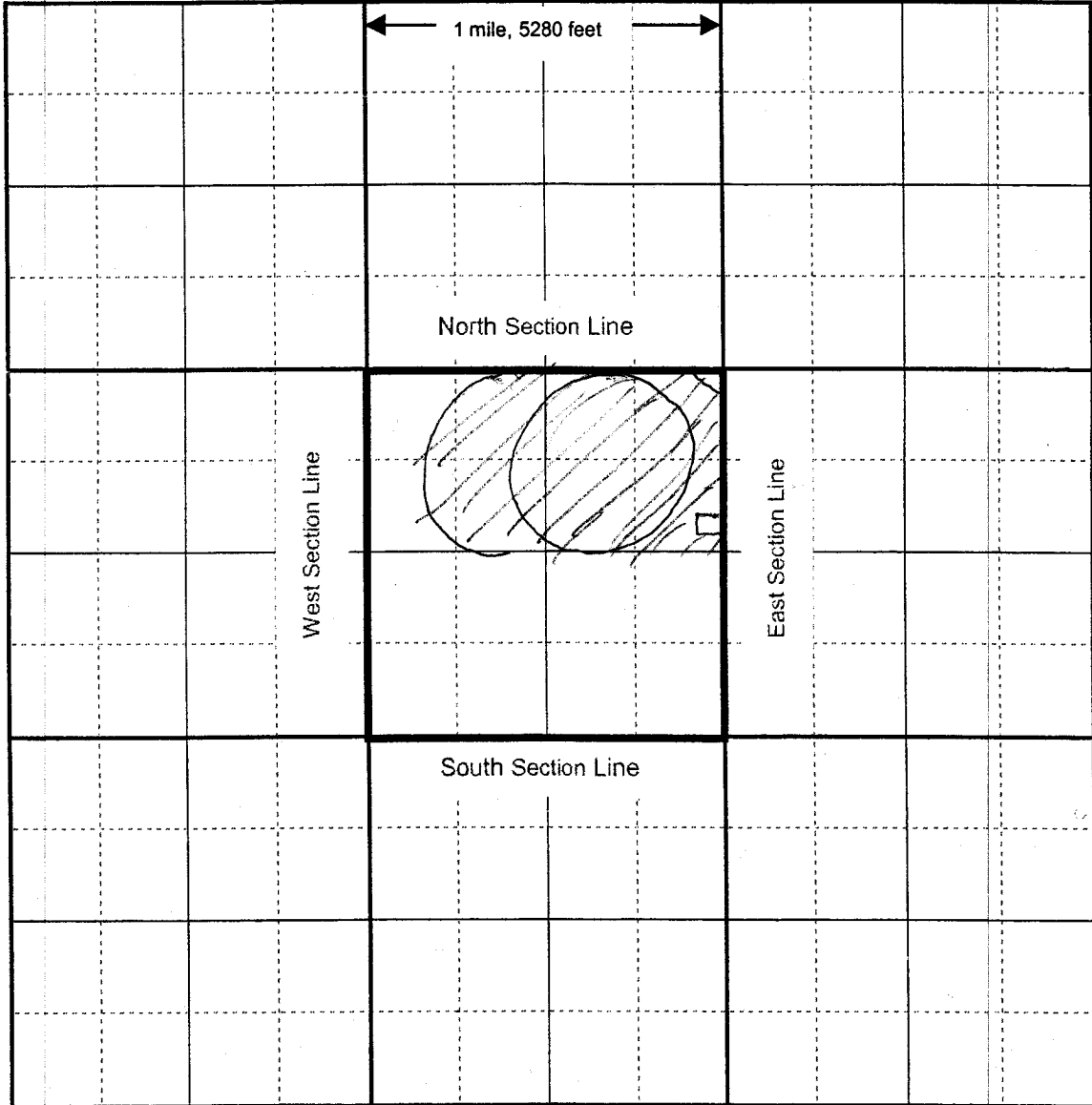
RECEIVED

FEB 06 2006

WATER RESOURCES  
STATE ENGINEER  
COLO.

Permit No(s): 2567 F

Please shade or crosshatch on the diagram below, the area on which water from this well(s) was used.



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

Incomplete statements may be returned to the well owner



Basin: KIOWA-BIJOU

Permit Number 2567-F

Owner FRIHAUF DANIEL A & SHELLY K

Priority date: 3/23/1960

Div: 8

Address 15180 MIMOSA ROAD

Use: IRRIGATION

Co: 1

BYERS CO 80103

Depth: 129

WD: 1

Aquifer(s): QUATERNARY ALLUVIUM

MD: 7

Phone (h) (970) 483-5203

Meter Required: No

DB: 2

(w) \_\_\_\_\_

Expanded Acres: No

Grp: 13

Commingle / APD Yes

WELL LOCATION: SE 1/4 NW 1/4, Section 23, Township 1 S, Range 60 W PM: S

2660 feet from the S section line, 3640 feet from the E section line.

UTM Coordinates: Easting: \_\_\_\_\_ Northing: \_\_\_\_\_

Latitude/Longitude: Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_

PERMIT STATISTICS: 605 Acre-feet/year, 1000 G.P.M., 242 Acres

Description of Acres Irrigated:

242 acres in the N1/2 of Section 23, Township 1 South, Range 60 West

Date Completed 3/22/1960, Date Issued 5/16/1960, Beneficial Use expiration date 7/1/1973, First Use Date 3/23/1960

Associated permits and notes

*Assumed that distances were measured from half-section lines.*

Initials

Date

EXPANDED ACRES: Priority Date: \_\_\_\_\_, The priority is date of \_\_\_\_\_ Application \_\_\_\_\_ First Use \_\_\_\_\_ Other \_\_\_\_\_

0 Acre-feet/year, Additional Acres Description of \_\_\_\_\_ Additional Acres \_\_\_\_\_ Total Acres: \_\_\_\_\_

Initials

Date

COMMINGLING: Permits 5954-R

254 Acre-feet/year 635 Acres Description of acres \_\_\_\_\_

254 acres in the N1/2 of Section 23, Township 1 South, Range 60 West

Initials

Date

FINAL PERMIT EVALUATION CHECKLIST

\_\_\_ SBU received: 2/6/2006

\_\_\_ Evaluated Initials \_\_\_\_\_ Date \_\_\_\_\_

\_\_\_ Clarified Initials \_\_\_\_\_ Date \_\_\_\_\_

\_\_\_ Date Entered Initials \_\_\_\_\_ Date \_\_\_\_\_

GEOTECHNICAL SERVICES BRANCH

HYDROGEOLOGICAL REPORT & RECOMMENDATIONS

Applicant: Frihauf Permit No./Receipt No.: ~~5954-R~~ 2567-R

Location: SE/NW ~~NE/SW~~ sec 23 T1S R60W County: Adams.

Date Received by DWR: \_\_\_\_\_

Date Received by Geotech. Branch: \_\_\_\_\_

Aquifer to be Utilized: Production or from unconsolidated alluvium.

Remarks: \_\_\_\_\_

TD= 129 SWL= 52 perforated 70-129.

soil 0-5

Alluvium 5-129

Laramie Shale 129

Completion Recommendations: \_\_\_\_\_

Data Sources: \_\_\_\_\_

Investigator: Michael Schuler Report Date: 2/6/2007

EAST IRRIGATION WELL

**Ground Water Commission  
State of Colorado**

**Final Permit No. 5954-RFP**

**KIOWA-BIJOU DESIGNATED GROUND WATER BASIN**

**Priority Date:** April 6, 1946  
**Use(s):** IRRIGATION  
**Name of Claimant:** DANIEL A & SHELLEY K FRIHAUF  
**Permitted Well Location:** NE 1/4 of the SW 1/4 at a point 2544 feet from the South Section Line and 2554 feet from the West Section Line of Section 23, Township 1 South, Range 60 West of the Sixth Principal Meridian.

**Maximum annual volume of appropriation:** 635 acre-feet  
**Maximum pumping rate:** 1500 gallons per minute  
**Number of acres which may be irrigated:** 254 acres  
**Totalizing Flow Meter:** Meter Required  
**Description of acres irrigated or place of use:** 254 acres in the N1/2 of Section 23, Township 1 South, Range 60 West  
**Aquifer(s):** QUATERNARY ALLUVIUM

**COMMINGLED ACRES AUTHORIZATION**

**Other wells commingled:** 2567-F  
**Commingled annual appropriation:** 635 acre-feet  
(Subject to individual well permit limits)  
**Number of commingled acres:** 254 acres  
**Description of commingled acreage:** 254 acres in the N1/2 of Section 23, Township 1 South, Range 60 West

Done this 29<sup>th</sup> day of March, 20 12

Dick Wolfe

Dick Wolfe  
State Engineer  
State of Colorado

By: Keith Vander Horst

Keith Vander Horst, P.E.  
Designated Basins Team Leader

SPE (P) 12/21/89

FORM NO. QWS-10 10/89

STATE OF COLORADO OFFICE OF THE STATE ENGINEER

818 Centennial Bldg., 1313 Sherman St., Denver, Colorado 80203 (303) 555-3581

RECEIVED Office Use only

MAY 30 '90

WATER RECORDS DIVISION STATE ENGINEER COLO.



FOR INSTRUCTIONS, SEE REVERSE SIDE

STATEMENT OF BENEFICIAL USE

WELL PERMIT NUMBER R-5954-RF

1. WELL OWNER

NAME(S) Dan Frihauf
Mailing Address Star Route - Box 117-A
City, St. Zip Buyers, CO. 80103
Phone (303) 432-5203

2. WELL LOCATION: COUNTY Adams OWNER'S WELL DESIGNATION

(Address) (City) (State) (Zip)
SE 1/4 of the NW 1/4, Sec. 23 Twp. 1 N. or S. Range 60 E. or W. 6 P.M.
Distances from Section Lines 2684 Ft. from N. or S. Line, 2594 Ft. from E. or W. Line.

3. The well is being used for the following purpose(s): Irrigation of farm crops

4. Water from the well was first used beneficially for the above purpose(s) on April 17 1990

5. The pumping rate claimed is 700 gallons per minute.

6. The average annual amount of water diverted is 635 acre feet.

7. The land area irrigated (watered) by water from this well is: 254 Acres or Square feet, described as: N1/2-Sec. 23-T1S-R60W (Legal Description) or as Subdivision Lot(s) Block Filing/Unit

8. Well drilled by: Canfield Drilling Co. Lic. No: 765
Pump installed by: Canfield Drilling Co. Lic. No: 764

9. Meter Mfg. by Serial No.: Date Installed:

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.]

10. Name/Title (Please type or print) Signature Date
Dan Frihauf / Land-well/owner Dan Frihauf 04/22/90

FOR OFFICE USE ONLY

State Engineer Court Case No. Div. By Co. WD Basin MD Date Use

WAPIE CP

RECEIVED

COLORADO DIVISION OF WATER RESOURCES

1313 Sherman Street - Room 818  
Denver, Colorado 80203

12/21/89 FEB 20 '90

THIS FORM MUST BE SUBMITTED  
WITHIN 60 DAYS OF COMPLETION  
OF THE WORK DESCRIBED HERE-  
ON. TYPE OR PRINT IN BLACK  
INK.

WELL COMPLETION AND PUMP INSTALLATION REPORT

WATER RESOURCES  
STATE ENGINEER  
COLO.

PERMIT NUMBER R5954-RF

WELL OWNER Dan Frihauf SE          ¼ of the NW          ¼ of Sec. 23

ADDRESS St.Rt.Box 117A , Byers, CO. 80103 T. 1 S. R. 60 W.          6 P.M.

DATE COMPLETED Dec. 21, 19 89

HOLE DIAMETER

34 in. from 0 to 129 ft.

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

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

WELL LOG

From	To	Type and Color of Material	Water Loc.
0	2	loam	73'
2	33	clay	
33	56	clay, sand	
56	80	sand, some gravel	
80	85	coarse gravel	
85	87½	sand	
87½	97½	gravel	
97½	103	gravel, sand & clay	
103	105	gravel, sand	
105	113	coarse gravel	
113	117½	coarse gravel, trace of clay	
117½	120	coarse gravel	
120	122½	gravel, coarse sand	
122½	125	coarse gravel, few boulders	
125	126	shale blossom	
126	129	blue shale	
TOTAL DEPTH		<u>129'</u>	

Use additional pages necessary to complete log.

DRILLING METHOD \_\_\_\_\_

CASING RECORD: Plain Casing

Size 16 & kind plain from +1 to .85 ft.

Size \_\_\_\_\_ & kind \_\_\_\_\_ from \_\_\_\_\_ to \_\_\_\_\_ ft.

Size \_\_\_\_\_ & kind \_\_\_\_\_ from \_\_\_\_\_ to \_\_\_\_\_ ft.

Perforated Casing

Size 16 & kind Doerr from 85 to 105 ft.

Size 16 & kind HS. Screen from 105 to 125 ft.

Size 16 & kind Doerr from 125 to 129 ft.

GROUTING RECORD

Material Neat cement

Intervals +1 to 20'

Placement Method spill tube

GRAVEL PACK: Size ¾ pea & buckshot mix

Interval 20' to 129'

TEST DATA

Date Tested Dec. 21, 19 89

Static Water Level Prior to Test 73' ft.

Type of Test Pump Turbine

Length of Test 24 hrs.

Sustained Yield (Metered) 700 gpm

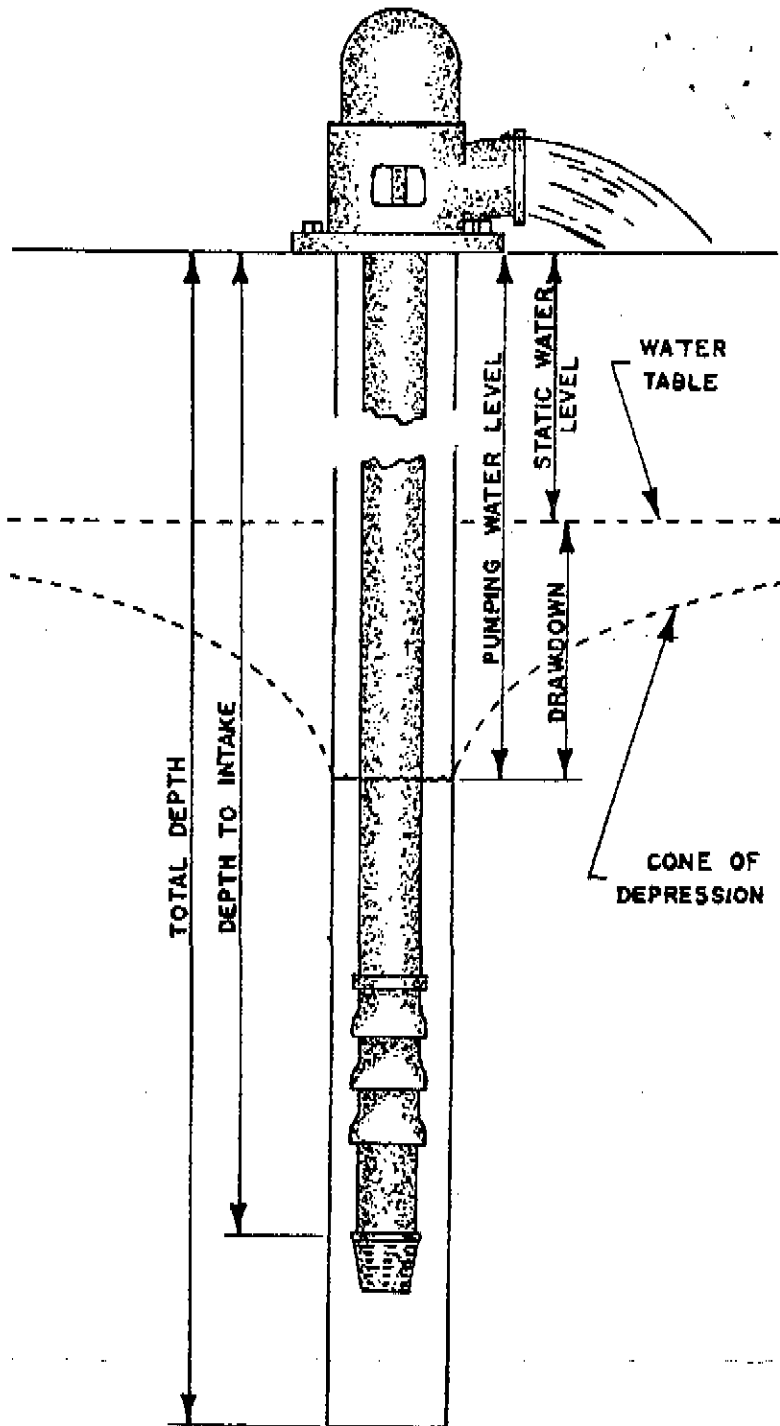
Final Pumping Water Level 127'

**PUMP INSTALLATION REPORT**

Pump Make Worthington  
 Type Turbine  
 Powered by Electric HP 30  
 Pump Serial No. T1267490  
 Motor Serial No. X262101  
 Date Installed Jan. 11, 1990  
 Pump Intake Depth 120'  
 Remarks \_\_\_\_\_

**WELL TEST DATA WITH PERMANENT PUMP**

Date Tested Jan. 11, 1990  
 Static Water Level Prior to Test 73'  
 Length of Test 2 Hours  
 Sustained yield (Metered) 700 GPM  
 Pumping Water Level 127'  
 Remarks \_\_\_\_\_



**CONTRACTORS STATEMENT**

The undersigned, being duly sworn upon oath, deposes and says that he is the contractor of the well or pump installation described hereon; that he has read the statement made hereon; knows the content thereof, and that the same is true of his own knowledge.

Signature *S. Gary Campbell* License No. 765  
 State of Colorado, County of Morgan SS  
 Subscribed and sworn to before me this 17 day of Feb, 19 90.  
 My Commission expires: Sept 12, 19 92.  
 Notary Public *Dwight Schreiner*

FORM TO BE MADE OUT IN QUADRUPPLICATE: WHITE FORM must be an original copy on both sides and signed. WHITE AND GREEN copies must be filed with the State Engineer. PINK COPY is for the Owner and YELLOW COPY is for the Driller.

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

DEC 11 '89

WATER RESOURCES
STATE ENGINEER
COLO.

PERMIT APPLICATION FORM

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 12-11-89 11:45 A
(X) A PERMIT TO CONSTRUCT A WELL 133107 1.00
FOR: (X) A PERMIT TO INSTALL A PUMP 032472 60.00
(X) REPLACEMENT FOR NO. 5954 MAXTDB P0014
( ) OTHER S/T 61.00
WATER COURT CASE NO. TTL 61.00

(1) APPLICANT - mailing address

NAME Dan Frihauf
STREET Star Route / Box 117A
CITY Byers, CO. 80103
TELEPHONE NO. 303-432-5203

(2) LOCATION OF PROPOSED WELL

County Adams
SE 1/4 of the NW 1/4, Section 23
Twp. 1 S, Rng. 60 W, 6 P.M.

(3) WATER USE AND WELL DATA

Proposed maximum pumping rate (gpm) 1500
Average annual amount of ground water to be appropriated (acre-feet): 635
Number of acres to be irrigated: 254
Proposed total depth (feet): 129
Aquifer ground water is to be obtained from: Bijou
Owner's well designation

GROUND WATER TO BE USED FOR:

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

DETAIL THE USE ON BACK IN (11)

(4) DRILLER

Name Canfield Drilling Co.
Street P.O. Box 519 - 111 West Street
City Fort Morgan, CO. 80701
Telephone No. 303-867-2943 Lic. No. 765

FOR OFFICE USE ONLY: DO NOT WRITE IN THIS COLUMN

Receipt No. 307767
Basin 2 Dist. 7

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.

- 1) APPROVED PURSUANT TO SECTION 37-90-111 (1)(c), C.R.S., AS A REPLACEMENT OF THE EXISTING WELL WITH PERMIT NO. R-5954.
2) THE WELL WHICH IS REPLACED MUST BE PLUGGED AND ABANDONED ACCORDING TO THE WATER WELL CONSTRUCTION AND PUMP INSTALLATION RULES.
3) CONSTRUCTION OF THIS WELL WAS AUTHORIZED ON DECEMBER 14, 1989, BY VERBAL AUTHORIZATION NO. 89VE605.
4) PRODUCTION FROM THIS WELL IS LIMITED TO THE ALLUVIUM OF BIJOU CREEK OR ITS TRIBUTARIES.
5) THE MAXIMUM PUMPING RATE OF THIS WELL SHALL NOT EXCEED 1500 G.P.M.
6) APPROVAL OF THIS REPLACEMENT PERMIT SHALL NOT RESULT IN EXPANDED USE OF GROUND WATER.
7) A TOTALIZING FLOW METER MUST BE INSTALLED ON THE WELL.

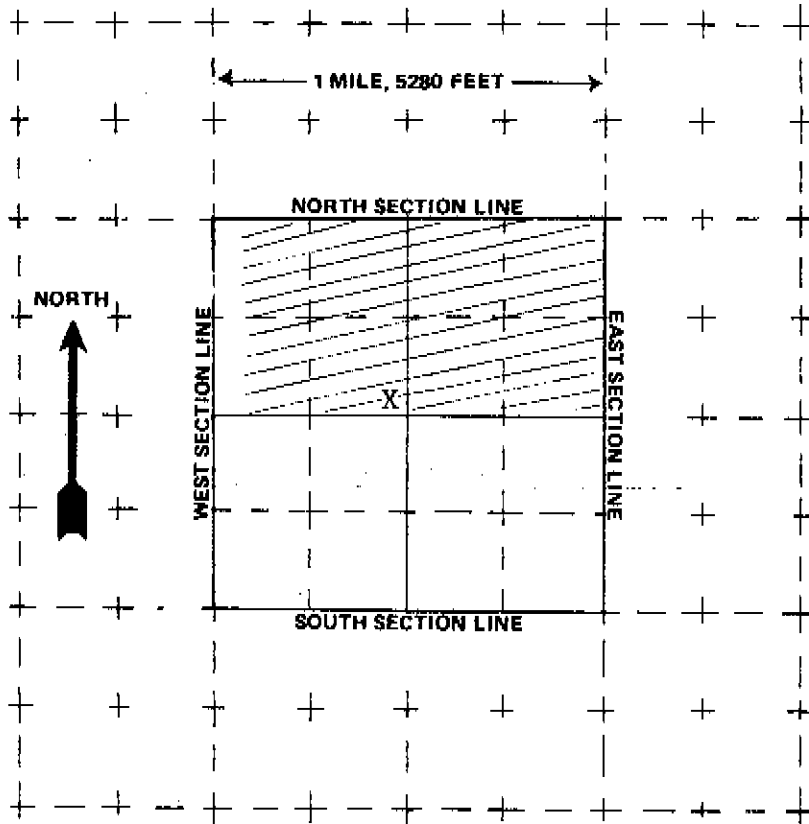
Handwritten initials and date: PAN 12-11-89

OK by [Signature] Sec NKBWD 12-5-89
APPLICATION APPROVED

PERMIT NUMBER R-5954-RF
DATE ISSUED DEC 21 1989
EXPIRATION DATE MAR 21 1990

[Signature] STATE ENGINEER
BY [Signature]
I.D. 8-1-01 COUNTY 01

**(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.

2684 ft. from south sec. line  
(north or south)

2594 ft. from west sec. line  
(east or west)

LOT \_\_\_\_\_ BLOCK \_\_\_\_\_ FILING # \_\_\_\_\_

SUBDIVISION \_\_\_\_\_

**(7) TRACT ON WHICH WELL WILL BE LOCATED** Owner: Dan Frihauf

No. of acres 254. Will this be the only well on this tract? No

**(8) PROPOSED CASING PROGRAM**

Plain Casing

16 in. from +2 ft. to 80 ft.

Perforated casing

16 in. from 80 ft. to 129 ft.

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

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

New well will be 140' north & 40' east of old well

Old well will be abandoned as per State Regulations

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

Owner(s): Dan Frihauf No. of acres: 254

Legal description: N $\frac{1}{2}$ -Sec. 23-T1S-R60W

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

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

Type or right  
2567-F

Used for (purpose)  
Irrigation

Description of land on which used  
N $\frac{1}{2}$ -Sec. 23-T1S-R60W

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

Dan Frihauf  
SIGNATURE OF APPLICANT(S)



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

DEC 11 1989

WATER RESOURCES  
STATE ENGINEER  
COKO

WRJ:

**Best Copy Available**

PERMIT APPLICATION FORM

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

A PERMIT TO USE GROUND WATER  
 A PERMIT TO CONSTRUCT A WELL  
FOR:  A PERMIT TO INSTALL A PUMP  
 REPLACEMENT FOR NO. 5954  
 OTHER \_\_\_\_\_  
WATER COURT CASE NO. \_\_\_\_\_

(1) APPLICANT - mailing address

NAME Dan Frihauf  
STREET Star Route / Box 117A  
CITY Byers, CO. 80103  
(State) (Zip)  
TELEPHONE NO. 303-432-5203

(2) LOCATION OF PROPOSED WELL

County Adams  
SE 1/4 of the NW 1/4, Section 23  
Twp. 1 S, Rng. 60 W, 6 P.M.  
(N.S) (E.W)

(3) WATER USE AND WELL DATA

Proposed maximum pumping rate (gpm) 1500  
Average annual amount of ground water to be appropriated (acre-feet): 635  
Number of acres to be irrigated: 254  
Proposed total depth (feet): 129  
Aquifer ground water is to be obtained from:  
Bijou

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)

(4) DRILLER

Name Canfield Drilling Co.  
Street P.O. Box 519 - 111 West Street  
City Fort Morgan, CO. 80701  
(State) (Zip)  
Telephone No. 303-867-2943 Lic. No. 765

FOR OFFICE USE ONLY: DO NOT WRITE IN THIS COLUMN

Receipt No. 307767  
Basin 2 Dist. 7

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.

- 1) APPROVED PURSUANT TO SECTION 37-90-111 (1)(c), C.R.S., AS A REPLACEMENT OF THE EXISTING WELL WITH PERMIT NO. R-5954.
- 2) THE WELL WHICH IS REPLACED MUST BE PLUGGED AND ABANDONED ACCORDING TO THE WATER WELL CONSTRUCTION AND PUMP INSTALLATION RULES. THE ENCLOSED AFFIDAVIT FORM MUST BE SUBMITTED WITHIN (60) DAYS AFTER THE CONSTRUCTION OF THE NEW WELL, AFFIRMING THAT THE EXISTING WELL WAS PLUGGED AND ABANDONED.
- 3) CONSTRUCTION OF THIS WELL WAS AUTHORIZED ON DECEMBER 14, 1989, BY VERBAL AUTHORIZATION NO. 89VE605. THIS VERBAL AUTHORIZATION WAS GIVEN TO DWIGHT CANFIELD, LICENSE NO. 765 AND AUTHORIZED THE REPLACEMENT WELL TO BE DRILLED WITHIN 145 FEET IN A NORTH EASTERLY DIRECTION OF THE ORIGINAL WELL.
- 4) PRODUCTION FROM THIS WELL IS LIMITED TO THE ALLUVIUM OF BIJOU CREEK OR ITS TRIBUTARIES. THE TOTAL DEPTH OF THIS WELL SHALL NOT EXCEED 130 FEET OR THE DEPTH AT WHICH SANDSTONE OR SHALE IS FIRST ENCOUNTERED.
- 5) THE MAXIMUM PUMPING RATE OF THIS WELL SHALL NOT EXCEED 1500 G.P.M.
- 6) APPROVAL OF THIS REPLACEMENT PERMIT SHALL NOT RESULT IN EXPANDED USE OF GROUND WATER. THE USE OF THE WELL IS LIMITED BY THE PERMIT TO THE IRRIGATION OF 254 ACRES LOCATED IN THE N1/2 OF SECTION 23, TOWNSHIP 1 SOUTH, RANGE 60 WEST.
- 7) A TOTALIZING FLOW METER MUST BE INSTALLED ON THE WELL. ANNUAL DIVERSION RECORDS SHALL BE MAINTAINED BY THE WELL OWNER AND SUBMITTED TO THE DIVISION OF WATER RESOURCES UPON REQUEST.

*part 12-5-89*

*OK by [Signature] Sec NKBWD 12-5-89*  
**APPLICATION APPROVED**

PERMIT NUMBER R-5954-RF

DATE ISSUED DEC 21 1989

EXPIRATION DATE MAR 21 1990

*[Signature]*  
(STATE ENGINEER)

BY *[Signature]*

I.D. 8-1-01 COUNTY 01

FORM NO. GWS-11 10/88

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

RECEIVED  
For Office Use Only

NOV 20 '89

WATER RESOURCES  
STATE ENGINEER  
COLO.

11-20-89 11:25 A  
10 @ 0.50  
333125 5.00  
133107 2.00  
S/T 7.00  
TTL 7.00  
CHEQUE 7.00  
CNC 0.00  
ITM 11  
CL-1 047190

PRIOR TO COMPLETING FORM, SEE INSTRUCTIONS ON REVERSE SIDE

### CHANGE IN OWNERSHIP / ADDRESS

WELL PERMIT, LIVESTOCK TANK OR EROSION CONTROL DAM

1. CURRENT OWNER

NAME(S) Daniel A. Frihauf  
Mailing Address S.R. Box 117A  
City, St. Zip Byers CO 80103  
Phone (303) 432-5203

2. THIS CHANGE IS FOR ONE OF THE FOLLOWING:

- WELL PERMIT NUMBER 5954 R
- LIVESTOCK WATER TANK NUMBER \_\_\_\_\_
- EROSION CONTROL DAM NUMBER \_\_\_\_\_

3. WELL LOCATION: COUNTY Adams OWNER'S WELL DESIGNATION irrigation  
SR Box 113A Byers CO 80103  
(Address) (City) (State) (Zip)  
NE 1/4 of the SW 1/4, Sec. 23 Twp. 1  N. or  S., Range 60  E. or  W. 6th P.M.  
 Distances from Section Lines 100 Ft. from  N. or  S. Line, 100 Ft. from  E. or  W. Line.  
 Subdivisor (from SW 1/4 of Sect 23) Lot \_\_\_\_\_ Block \_\_\_\_\_ Filing (Unit) \_\_\_\_\_

4. LIVESTOCK TANK OR EROSION CONTROL DAM LOCATION: COUNTY \_\_\_\_\_

\_\_\_\_\_/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.

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)

Signature

Date

*Daniel A. Frihauf*

11-20-89

FOR OFFICE USE ONLY

State Engineer \_\_\_\_\_ By \_\_\_\_\_ Date \_\_\_\_\_  
Court Case No. \_\_\_\_\_ Div. \_\_\_\_\_ Co. \_\_\_\_\_ WD \_\_\_\_\_ Basin \_\_\_\_\_ MD \_\_\_\_\_ Use \_\_\_\_\_

FORM NO.  
GWS-9  
7/88

STATE OF COLORADO  
OFFICE OF THE STATE ENGINEER  
818 Centennial Bldg., 1313 Sherman St., Denver, Colorado 80203  
(303) 866-3591

For Office Use only

RECEIVED

FEB 20 '90

WATER RESOURCES  
STATE ENGINEER  
COLO

TYPE OR PRINT IN BLACK INK

# WELL ABANDONMENT REPORT

ABANDONED WELL NUMBER IF REGISTERED 5954

1. INDIVIDUAL/COMPANY RESPONSIBLE FOR PLUGGING

NAME(S) Dan Frihauf  
Mailing Address Star Route - Box 117-A  
City, St. Zip Byers, CO. 80103  
Phone ( 303 ) 432-5203

2. ACTUAL WELL LOCATION: COUNTY Adams

PROPERTY ADDRESS \_\_\_\_\_

(Address)

(City)

(State)

(Zip)

SE 1/4 NW 1/4, Sec. 23 Twp. 1  N.  S., Range 60  E.  W. 6 P.M.

Distances from Section Lines 2544 Ft. from  N.  S. Line, 2554 Ft. from  E. or  W. Line.

3. I (we), report that an existing well was plugged and abandoned for the following reason(s):

- The well was plugged and abandoned as required under the conditions of approval of Well Permit No. R-5954-RF.
- The well was not in use and was abandoned.
- Other (please explain) \_\_\_\_\_

4. The well was plugged and abandoned according to the Water Well Construction and Pump Installation Rules on Dec. 27, 19 89.

5. The well was plugged with the following materials placed at the indicated intervals:

AMOUNT AND TYPE OF MATERIAL	METHOD OF PLACEMENT	INTERVAL
<u>River sand</u>	<u>Backhoe</u>	from <u>127</u> feet to <u>70</u> feet
<u>Inert material</u>	<u>"</u>	from <u>70</u> feet to <u>6</u> feet
<u>Cement</u>	<u>Shovel</u>	from <u>6</u> feet to <u>5</u> feet
<u>Surface material</u>	<u>Backhoe</u>	from <u>5</u> feet to <u>0</u> feet
INTERVALS OF CASING REMOVED/RIPPED IN FEET		from <u>5</u> feet to <u>0</u> feet
		from _____ feet to _____ feet

6. I (we) have read the statements made herein and know the contents thereof, and 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)	Signature	Date
Dan Frihauf / Land-well/owner		01/22/90

-INFORMATION- It is the responsibility of the well owner to have the well properly plugged and abandoned. The well construction contractor is responsible for notifying the well owner of the plugging and abandonment requirement. This form may be reproduced by photocopy or word processing means.

THIS FORM MUST BE SUBMITTED PRIOR TO THE EXPIRATION OF THE PERMIT. TYPE OR PRINT IN BLACK INK.

COLORADO DIVISION OF WATER RESOURCES

101 Columbine Bldg., 1845 Sherman St. Denver, Colorado 80203

RECEIVED MAY 19 1972

WATER RESOURCES STATE ENGINEER COLO.

STATEMENT OF BENEFICIAL USE OF GROUND WATER AMENDMENT OF EXISTING RECORD

PERMIT NUMBER 5954

STATE OF COLORADO COUNTY OF Adams } SS.

THE AFFIANT(S) Ted + Marie Dill whose address is Byers Colo 80103

being duly sworn upon oath, deposes and says that he (they) is (are) the owner(s) of the well described hereon; the well is located in the NE 1/4 of the SW 1/4 of Section 23, Township 1 So, Range 60 W, 6 P.M. at distances of 2500 feet from the south section line and 2600 feet from the west section line; the total depth of the well is 127 feet; water from this well was first applied to a beneficial use for the purpose(s) described herein on the 6 day of April, 1946; the maximum sustained pumping rate of the well is 1500 gallons per minute, the pumping rate claimed hereby is 1500 gallons per minute; the average annual amount of water to be diverted is 254 acre-feet; for which claim is hereby made for irr purpose(s); the legal description of the land on which the water from this well is to be used is 1/2 sec 23 T1 So 60 W 6 PM

which totals 254 acres and which is illustrated on the map on the reverse side of this form; that this well was completed in compliance with the permit approved therefor; this statement of beneficial use of ground water is filed in compliance with law; he (they) has (have) read the statements made hereon; knows the content thereof; and that the same are true of his (their) knowledge.

Signature(s) Ted Dill

Subscribed and sworn to before me on this 19 day of May, 1972

My Commission expires: My Commission expires Apr. 10, 1976 (Seal) Velva Jane Kaxel Notary Public

ACCEPTED FOR FILING IN THE OFFICE OF THE STATE ENGINEER OF COLORADO ON THIS 19 DAY OF May, 1972 [Signature]

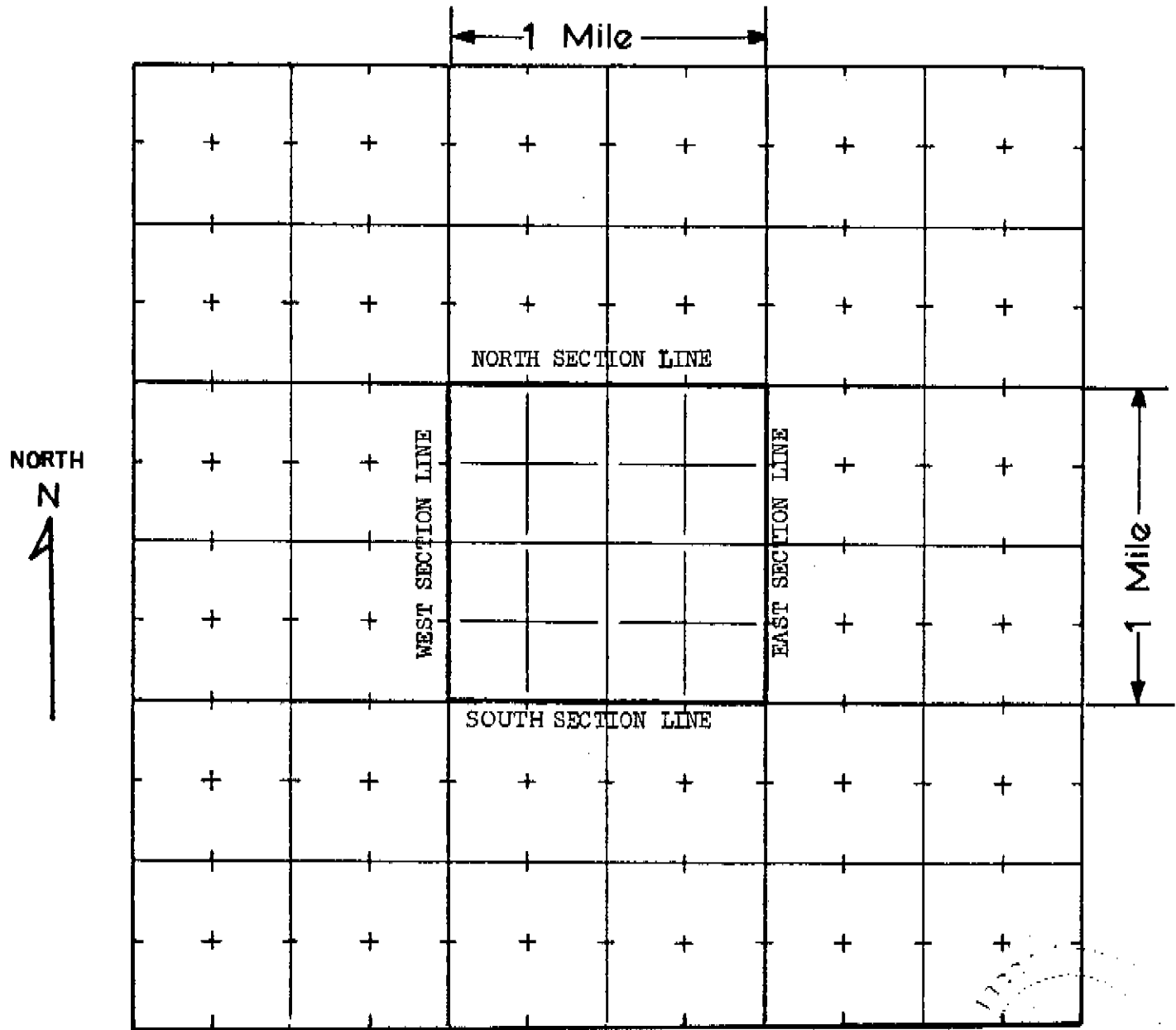
STATE ENGINEER

WHITE COPY FOR DIVISION OF WATER RESOURCES PINK COPY FOR WELL OWNER

FOR OFFICE USE ONLY. Prior. Date, Well Use, 1/4, 1/4, 1/4, Sec., T., R., P.M., Yield, W.D., Co., Index

THE LOCATION OF THE WELL MUST BE SHOWN AND THE AREA ON WHICH THE WATER IS USED MUST BE SHADED OR CROSS-HATCHED ON THE DIAGRAM BELOW.

This diagram represents nine (9) sections. Use the CENTER SQUARE (one section) to indicate the location of the well, if possible.



THE SCALE OF THE DIAGRAM IS TWO INCHES EQUALS ONE-MILE

Meter Serial No. \_\_\_\_\_  Flow Meter  Electric Meter  Fuel Meter

Owner of land on which water is being used \_\_\_\_\_

**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).
- 1 acre-foot . . . 43,560 cubic feet . . . 325,900 gallons.
- 1,000 gpm pumped continuously for one day produces 4.42 acre-feet.
- 100 gpm pumped continuously for one year produces 160 acre-feet.

F (Reg.)

*Typed 7/3/58*

RECEIVED

STATE OF COLORADO  
DIVISION OF WATER RESOURCES  
OFFICE OF THE STATE ENGINEER, GROUND WATER SECTION GROUND WATER SECT.  
COLORADO  
STATE ENGINEER

REGISTRATION NO. 5954 OF WELL

JUL 3 - 1958

Registrant Ted & Marie Dill Date July 2 19 58

P.O. Address Byers, Colorado *Returned Registered receipt to Equal Right Bureau 621-17th St Denver 2 at request Betty Mann, Colo.*

WELL DATA

Depth 127 ft. Diameter 18 in.

Casing : 47 ft. Plain; 80 ft. Perfor.

Static Water Level 32 ft. from top

Yield 1500 (gpm)(cfs) from 80 ft.

Used for irrigation on/at

N $\frac{1}{2}$  of Sec. 23, T2S, 60W  
(legal description of land or site)

Water conveyed by ditch size \_\_\_\_\_

PUMP DATA

Type Turbine Size 8"

Driven by 40 HP Electric at 1760 RPM

Well was first used April 6, 19 46  
cfs

for irrigation using 1500 gpm

Well enlarged \_\_\_\_\_, 19 \_\_\_\_\_ to  
deepened \_\_\_\_\_  
(gpm)(cfs)(ft)

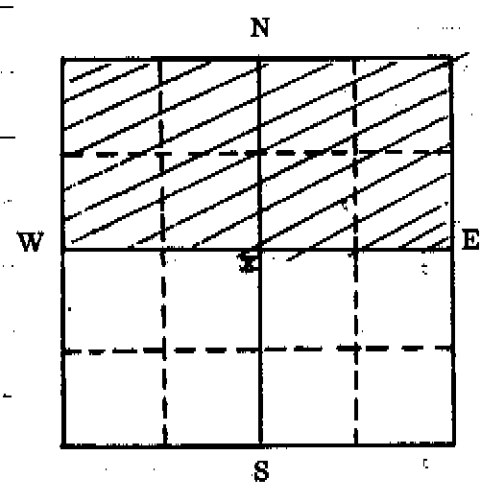
LOG SHOULD BE GIVEN ON REVERSE  
SIDE IF AVAILABLE

WELL LOCATION

County Adams 01

NE  $\frac{1}{4}$ , SW  $\frac{1}{4}$  Section 23

Twp. 25, Rge. 60W, 6th PM



WELL TO BE LOCATED AS ACCURATELY AS POSSIBLE WITHIN A SMALL SQUARE WHICH REPRESENTS 40 ACRES; OR IF IN A TOWN OR SUBDIVISION FILL IN THE FOLLOWING:

\_\_\_\_\_ Town or Subdivision

\_\_\_\_\_ Street address or Lot and Block

The above well ~~(has)~~ (has not) been registered in the Office of the State Engineer prior to May 1, 1957. If Registered give Filing No. \_\_\_\_\_

If NOT Registered prior to May 1, 1957, a \$5.00 filing fee accompanies this form.

The above statements are true and correct to the best of my knowledge and belief.

Subscribed and Sworn before me

this 2nd day of July, 19 58.

My commission expires Oct. 7, 1959

Ted & Marie Dill  
BY Ted Dill  
Registrant

(SEAL) Bette L. Mann  
Notary Public

9000812

FOR STATE ENGINEER'S USE

Located in 1-1 district, Adams County for Irrigation

Registration No. 572 in 1-1, on \_\_\_\_\_, 19 \_\_\_\_\_

LOG OF UNDERGROUND FORMATION

Top	1-3
Clay	3-35
Sand	35-46
Gravel, fine	46-50
Clay	50-52
Sand & clay	52-60
Sand & clay strips	60-73
Fine gravel, dirty	73-86
Gravel, coarse	86-93
Gravel	93-98
Clay	98-101
Gravel, red	101-118
Gravel	118-127
Shale	127-



*Typed 7/3/58*

**RECEIVED**

STATE OF COLORADO  
DIVISION OF WATER RESOURCES  
OFFICE OF THE STATE ENGINEER, GROUND WATER SECTION GROUND WATER SECT.  
COLORADO  
STATE ENGINEER

JUL 3 - 1958

Best Copy Available

REGISTRATION NO. 5954 OF WELL

Registrant Ted & Marie Dill Date July 2 19 58

P.O. Address Byers, Colorado

*Returned Register & receipt to Registrant Ted & Marie Dill 621-17th St Denver 2 at request Betty Mann*

WELL DATA  
Depth 127 ft. Diameter 18 in.  
Casing : 47 ft. Plain; 80 ft. Perfor.  
Static Water Level 32 ft. from top  
Yield 1500 (gpm)(cfs) from 80 ft.

WELL LOCATION  
County Adams  
NE  $\frac{1}{4}$ , SW  $\frac{1}{4}$  Section 23  
Twp. 25, Rge. 60W, 6th PM

Used for irrigation on/at  
N $\frac{1}{2}$  of Sec. 23, T2S, 60W  
(legal description of land or site)

Water conveyed by ditch size \_\_\_\_\_  
PUMP DATA

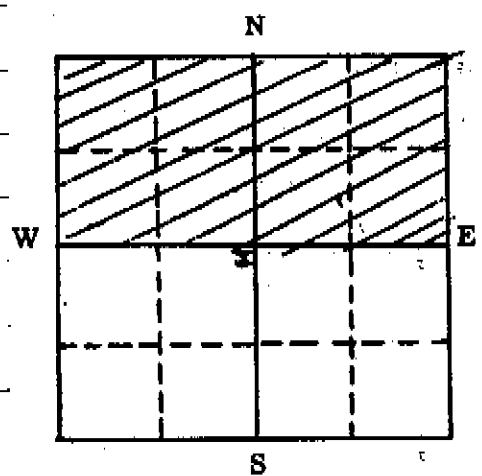
Type Turbine Size 8"

Driven by 40 HP Electric at 1760 RPM

Well was first used April 6, 19 46  
cfs

for irrigation using 1500 gpm

Well enlarged \_\_\_\_\_, 19 \_\_\_\_\_ to  
deepened \_\_\_\_\_  
(gpm)(cfs)(ft)



WELL TO BE LOCATED AS ACCUR-  
ATELY AS POSSIBLE WITHIN A  
SMALL SQUARE WHICH REPRESENTS  
40 ACRES; OR IF IN A TOWN OR  
SUBDIVISION FILL IN THE FOLLOW-  
ING:

\_\_\_\_\_  
Town or Subdivision

\_\_\_\_\_  
Street address or Lot and Block

LOG SHOULD BE GIVEN ON REVERSE  
SIDE IF AVAILABLE

The above well ~~(has)~~ (has not) been registered in the Office of the State Engineer prior to May 1, 1957. If Registered give Filing No. \_\_\_\_\_.

If NOT Registered prior to May 1, 1957, a \$5.00 filing fee accompanies this form.

The above statements are true and correct to the best of my knowledge and belief.  
Subscribed and Sworn before me

this 2nd day of July, 19 58.

My commission expires Oct. 7, 1959

Ted & Marie Dill  
BY Ted Dill  
Registrant

(SEAL) Betty L. Mann  
Notary Public

9000812

FOR STATE ENGINEER'S USE  
Located in 1-1 district, Adams County for Irrigation

Registration No. 572 in 1-1, on \_\_\_\_\_, 19 \_\_\_\_\_



MINUTES OF MEETING OF THE BOARD OF  
DIRECTORS OF THE NORTH KIOWA BIJOU GROUND WATER  
MANAGEMENT DISTRICT

A regular meeting of the Board of Directors of the North Kiowa Bijou Ground Water Management District was held on December 6, 1989, at the hour of 10:00 a.m., at the offices of Epperson, McClary, Zorn & McClary, 317 Ensign Street, Fort Morgan, Colorado, with the following directors present:

Donald Aldrich	Robert Loose	Eufracio Romero
Ronald E. Kammerzell	Loyd Musgrave	
F. W. Kerksiek	Richard Price	

Donald F. McClary, Attorney for the District, was also present.

The minutes of the meeting of the Board held on November 1, 1989, were read and approved. The meeting was called to order by the President and the following bills for the month of November 1989 were submitted to the Board and approved:

Check No. 2386	Johnston Ins.	\$2,631.00
Check No. 2387	D. Aldrich	54.00
Check No. 2388	F.W. Kerksiek	60.00
Check No. 2389	E. Romero	54.00
Check No. 2390	R. Price	68.00
Check No. 2391	R. Kammerzell	52.00
Check No. 2392	L. Musgrave	54.00
Check No. 2393	Tri-County Tribune	12.67
Check No. 2394	Wayward Wind	36.43
Check No. 2395	Anderson, Doty & Company	170.00

The President then brought to the attention of the Board, the following matters:

WAYNE and ALLOIS SOUCIE-Well Permit No 764R, NW $\frac{1}{4}$ SE $\frac{1}{4}$  of Section 24, Twp. 3 North, Range 60 West of the 6th P.M.

Ronald Kammerzell brought to the attention of the meeting that he had inspected the type of meter installed by the Soucies on the subject well and found that an approved micrometer meter has been installed. It was further reported that Mr. Soucie has reported to the Board his first readings being: July 1, 1989, 00 acre feet and November 1, 1989, 95.175 acre feet.

~~XXXXXXXXXXXXXXXXXXXX~~ SE $\frac{1}{4}$ NW $\frac{1}{4}$  of Section 23, Twp. 1 South, Range 60 West of the 6th P.M.

The applicant, Mr. Frihauf, was present in person and presented the above application for a replacement well to be located 145 feet North and 40 feet East of the existing well. Mr. Frihauf also reported and presented to the Board the approval executed by Clifford D. Causey approving the proposed new location. Mr. Causey's well is the only well within  $\frac{1}{2}$  mile of the subject location who is required to be given notice under the rules and regulations of the District. It was noted that, accordingly, and with the acceptance of the approval in writing by Mr. Causey, no such notice was required, therefore a hearing upon said application was had.

Mr. Frihauf reported that the present location of the well is upon the lands of Mr. Causey and his deed requires that any replacement for said well be placed outside of the Causey property which is the reason for the required move at a distance greater than 50 feet. It was further noted that the replacement

application is for the irrigation of the same lands, same rate of flow and same annual acre of feet in accordance with the original application. It was further noted that this well is used in conjunction with Well No. 2567F, all for irrigation of the N $\frac{1}{2}$  of

Section 23, Township 1 South, Range 60 West of the 6th P.M. Upon motion duly made, seconded and unanimously carried, the following resolution was adopted:

RESOLVED: The above entitled application replacement well at a distance of 140 feet North and 40 feet East of the existing well location be approved upon the following conditions:

A. That the original well location be abandoned and plugged in accordance with the regulations of the State Commission and the District.

~~XXXXXXXXXXXXXXXXXXXX~~ on the well at the new location and that the owner of said well furnish to the District, at least annually, the meter readings.

C. That the subject replacement well is limited to the same number of gallons per minute and acre feet per year as the original well and the well will be used only to irrigate the same lands as permitted in the original application.

MINUTES OF MEETING OF THE BOARD OF  
DIRECTORS OF THE NORTH KIOWA BIJOU GROUND WATER  
MANAGEMENT DISTRICT

A regular meeting of the Board of Directors of the North Kiowa Bijou Ground Water Management District was held on December 1989, at the hour of 10:00 a.m., at the offices of Epperson, Clary, Zorn & McClary, 317 Ensign Street, Fort Morgan, Colorado, with the following directors present:

Donald Aldrich	Robert Loose	Eufrazio Romero
Ronald E. Kammerzell	Lloyd Musgrave	
F. W. Kerksiek	Richard Price	

Donald F. McClary, Attorney for the District, was also present.

The minutes of the meeting of the Board held on November 1, 1989, were read and approved. The meeting was called to order by the President and the following bills for the month of November 1989 were submitted to the Board and approved:

Check No. 2386	Johnston Ins.	\$2,631.00
Check No. 2387	D. Aldrich	54.00
Check No. 2388	F.W. Kerksiek	60.00
Check No. 2389	E. Romero	54.00
Check No. 2390	R. Price	68.00
Check No. 2391	R. Kammerzell	52.00
Check No. 2392	L. Musgrave	54.00
Check No. 2393	Tri-County Tribune	12.67
Check No. 2394	Wayward Wind	36.43
Check No. 2395	Anderson, Doty & Company	170.00

The President then brought to the attention of the Board, the following matters:

WAYNE and ALLOIS SOUCIE-Well Permit No 764R, NW $\frac{1}{4}$ SE $\frac{1}{4}$  of Section 24, Twp. 3 North, Range 60 West of the 6th P.M.

Ronald Kammerzell brought to the attention of the meeting that he had inspected the type of meter installed by the Soucies on the subject well and found that an approved micrometer meter has been installed. It was further reported that Mr. Soucie has reported to the Board his first readings being: July 1, 1989, 00 acrs feet and November 1, 1989, 95.175 acrs feet.

DAN FRIHAUF-Well Permit No. 5954, SE $\frac{1}{4}$ NW $\frac{1}{4}$  of Section 23, Twp. 1 South, Range 60 West of the 6th P.M.

The applicant, Mr. Frihauf, was present in person and presented the above application for a replacement well to be located 145 feet North and 40 feet East of the existing well. Mr. Frihauf also reported and presented to the Board the approval executed by Clifford D. Causey approving the proposed new location. Mr. Causey's well is the only well within  $\frac{1}{2}$  mile of the subject location who is required to be given notice under the rules and regulations of the District. It was noted that, accordingly, and with the acceptance of the approval in writing by Mr. Causey, no such notice was required, therefore a hearing upon said application was had.

Mr. Frihauf reported that the present location of the well is upon the lands of Mr. Causey and his deed requires that any replacement for said well be placed outside of the Causey property which is the reason for the required move at a distance greater than 50 feet. It was further noted that the replacement

application is for the irrigation of the same lands, same rate of flow and same annual acre of feet in accordance with the original application. It was further noted that this well is used in conjunction with Well No. 2567F, all for irrigation of the N $\frac{1}{2}$  of

Section 23, Township 1 South, Range 60 West of the 6th P.M. Upon motion duly made, seconded and unanimously carried, the following resolution was adopted:

RESOLVED: The above entitled application replacement well at a distance of 140 feet North and 40 feet East of the existing well location be approved upon the following conditions:

A. That the original well location be abandoned and plugged in accordance with the regulations of the State Commission and the District.

B. That a flow meter be installed on the well at the new location and that the owner of said well furnish to the District, at least annually, the meter readings.

C. That the subject replacement well is limited to the same number of gallons per minute and acre feet per year as the original well and the well will be used only to irrigate the same lands as permitted in the original application.

Best Copy Available

RECEIVED

DEC 11 '89

WATER RESOURCES  
STATE ENGINEER  
COLO.

S, Dan Frittauf, owner of well  
permit # 2567F, give permission to  
move well permit # 5954 approximately  
145 ft. North.

Dan Frittauf 12/8/89

RECEIVED

Best Copy Available

DEC 11 '89

WATER RESOURCES  
STATE ENGINEER  
COLO.

S, Dan Frittauf, owner of well  
permit #-2567F, gave permission to  
move well permit # 5954 approximately  
145 ft. North.

Dan Frittauf 12/8/89

GWS-24 Rev 8/89  
VERBAL EMERGENCY REQUEST INFORMATION

CC  
V# 89VE60S  
File c# 307767-A  
ID 8-1-01 CTY 01  
Basin 2 MD 7

Office of the State Engineer  
Division of Water Resources  
Ground Water Section

TAKEN BY MM NAME OF CALLER Dan Frikouf DATE 12-7-89

APPLICANT Dan Frikouf CONTRACTOR Canfield

ADDRESS Star Rt Box 117A LIC # \_\_\_\_\_ PHONE ~~525423~~

Byers, CO 80103 EXISTING PERMIT # 5954R

PHONE 432 5203 (H) (O) CASE# \_\_\_\_\_ USE irrigation

APPLICATION RECEIPT DATE mailing today CTY \_\_\_\_\_ DIST \_\_\_\_\_

LOCATION NE 1/4 SW 1/4, SEC 23 TWP 1S RNG 60W PM 6

DIST FROM SEC LINES 2544 (S) 2554 (W) [REQ FOR DB & Kd/Kc]

4830

LOT \_\_\_\_\_ BLOCK \_\_\_\_\_ FILING \_\_\_\_\_ SUBDIVISION \_\_\_\_\_

DIST & DIREC FROM OLD WELL 145 N DEPTH OF OLD WELL \_\_\_\_\_

PROPOSED: DEPTH 127, CASING PLAIN \_\_\_\_\_ PERF \_\_\_\_\_, AQUIFER \_\_\_\_\_

REASON FOR EMERGENCY must have water for new seeding alfalfa & winter wheat DATE TO START \_\_\_\_\_

COMMENTS: Lloyd Musgrave saw it yesterday

FIELD INSP REQ? (Y) ~~(N)~~ DONE? (Y) ~~(N)~~ BY? \_\_\_\_\_ DATE REC \_\_\_\_\_

(NOTE: ATTACH COPY OF WRITTEN REPORT OR VERBAL REPORT)

DWR STAFF RECOMMENDATIONS 195' more OK - same on another man's land, continued

specifics moving to own land if ever replaced - Frikouf owns 2567R in SE NW 1/4

drilling now is a convenience not an emergency per my questions to Lloyd

BY \_\_\_\_\_

VERBAL APPROVED BY P. D. [Signature] DATE 12-14-89

CONDITIONS ~~As per [unclear] [unclear] from 2567R with~~

~~80.00 in [unclear]~~

Total depth 130 or first shale or sandstone

More limited to 145 feet to the NE.

VERBAL GIVEN TO Dwight Canfield BY W.B. DATE 12/15/89

@ 8:00 AM.

OFFICE OF THE STATE ENGINEER  
VERBAL FIELD INSPECTION REPORT

APPLICANT \_\_\_\_\_

RPT TAKEN BY \_\_\_\_\_ DATE \_\_\_\_\_ APPL. RECEIPT NO. (If known) \_\_\_\_\_

INSPECTED BY \_\_\_\_\_ DATE \_\_\_\_\_ DIST \_\_\_\_\_ REPORTED BY \_\_\_\_\_

WELL LOCATION 1/4 1/4, SEC \_\_\_\_\_, TWP \_\_\_\_\_ RNG \_\_\_\_\_ DIST'S \_\_\_\_\_

UNREGISTERED EXEMPT WELLS

USE OF EXISTING WELL

- ( ) # OF SINGLE FAMILY DWELLINGS? \_\_\_\_\_
- ( ) WATERING DOMESTIC ANIMALS AND POULTRY \_\_\_\_\_
- ( ) WATERING LIVESTOCK ON A FARM OR RANCH, # OF HEAD? \_\_\_\_\_
- ( ) IRRIGATION OF \_\_\_\_\_ SQUARE FEET OF HOME GARDENS AND LAWNS
- ( ) FIRE PROTECTION \_\_\_\_\_
- ( ) DRINKING AND SANITARY IN COMMERCIAL BUSINESS, DETAILS OF BUSINESS? \_\_\_\_\_

DATE WELL CONSTRUCTED? \_\_\_\_\_ EST. PUMPING RATE \_\_\_\_\_

DATE FIRST USE FOR ABOVE PURPOSES \_\_\_\_\_ DEPTH OF WELL \_\_\_\_\_

TYPE OF WELL: DRILLED \_\_\_\_\_ HAND DUG \_\_\_\_\_ DEVELOPED SPRING \_\_\_\_\_

NO. OF ACRES IN TRACT? \_\_\_\_\_, ANY OTHER WELLS ON PARCEL? \_\_\_\_\_, #'S \_\_\_\_\_  
USED FOR \_\_\_\_\_

NONEXEMPT WELLS

OLD WELL PERMIT NO. 5954R CASE NO. \_\_\_\_\_

# ACRES IRRIGATED 242 LEGAL DESCRIPTION part of N 1/2 sec 23 - 25 acres on

AUGMENTATION PLAN NAME OR CASE # \_\_\_\_\_ registration

USES OTHER THAN IRRIGATION \_\_\_\_\_

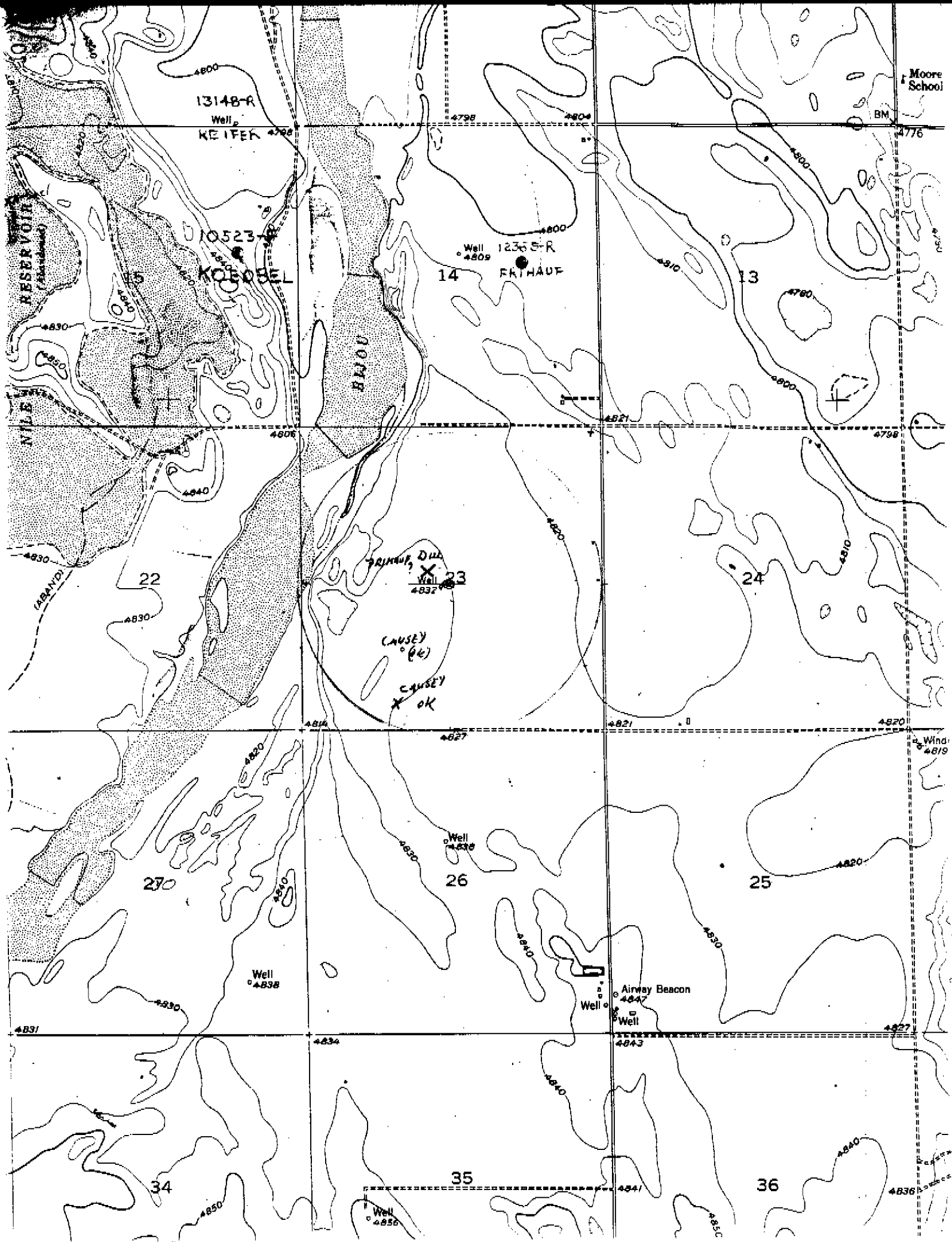
ARE THERE OTHER WELLS WITHIN 600 FEET? \_\_\_\_\_ WILL THE REPLACEMENT BE  
CLOSER TO WELLS WITHIN 600 FEET THAN BEFORE? \_\_\_\_\_ IS THE REPL BEING  
MOVE MORE THAN 200 FT? \_\_\_\_\_ WHY \_\_\_\_\_

OTHER WELLS USED FOR THE SAME PURPOSE? \_\_\_\_\_ PERMIT #'S \_\_\_\_\_

SURFACE WATER RIGHTS USED IN CONJUNCTION WITH THIS WELL \_\_\_\_\_

COMMENTS

NOTE: A WRITTEN REPORT MUST BE SUBMITTED



DEC 11 '89

COLORADO DIVISION OF WATER RESOURCES

818 Centennial Bldg., 1313 Sherman St.  
Denver, Colorado 80203

WATER RESOURCES  
STATE ENGINEER  
COLO.

TYPE OR  
PRINT IN BLACK INK  
COPY OF ACCEPTED  
STATEMENT MAILED  
ON REQUEST.

STATE OF COLORADO

COUNTY OF Morgan

SS.

12-11-89 ~~FRIDAY~~

133107 11.00  
032472 60.00  
NNXIDB P0014  
WATER 61.00  
TTL 61.00

CHEQUE 61.00

CHG 0.00

LOCATION OF WELL  
CL-1 UA7767

STATEMENT OF BENEFICIAL USE OF GROUND WATER  
XX AMENDMENT OF EXISTING RECORD  
LATE REGISTRATION

PERMIT NUMBER 5954

THE AFFIANT(S) Dan Frihauf County Adams  
whose mailing address is Star Rt.-Box 117A NE 1/4 of the SW 1/4, Section 23  
City Byers, CO. 80103 Twp. 1 S. Rng. 60 W. 6 P.M.  
(STATE) (ZIP) (N OR S) (E OR W)

being duly sworn upon oath, deposes and says that he (they) is (are) the owner(s) of the well described hereon; the well is located as described above, at distances of 2544 feet from the south section line and 2554 feet from the west section line; water from this well was first applied to a beneficial use for the purpose(s) described herein on the 6 day of April, 1946; the maximum sustained pumping rate of the well is 1500 gallons per minute, the pumping rate claimed hereby is 1500 gallons per minute; the total depth of the well is 127 feet; the average annual amount of water to be diverted is 635 acre-feet; for which claim is hereby made for Irrigation of farm crops purpose(s); the legal description of the land on which the water from this well is used is N 1/2 - Sec. 23 - T1S - R60W of which

254 acres are irrigated and which is illustrated on the map on the reverse side of this form; that this well was completed in compliance with the permit approved therefor; this statement of beneficial use of ground water is filed in compliance with law; he (they) has (have) read the statements made hereon; knows the content thereof; and that the same are true of his (their) knowledge.

(COMPLETE REVERSE SIDE OF THIS FORM)

Signature(s) Dan Frihauf  
Subscribed and sworn to before me on this 22 day of Nov., 1989  
My Commission expires: Sept. 12, 1992  
Dwight Schremer  
NOTARY PUBLIC

FOR OFFICE USE ONLY  
Court Case No. \_\_\_\_\_  
Prior. NOT NEEDED Yr. \_\_\_\_\_  
Div. PERMIT ISSUED \_\_\_\_\_  
Sec. \_\_\_\_\_ % \_\_\_\_\_  
Well U \_\_\_\_\_  
Dist. \_\_\_\_\_ basin \_\_\_\_\_ Mon Dis. \_\_\_\_\_

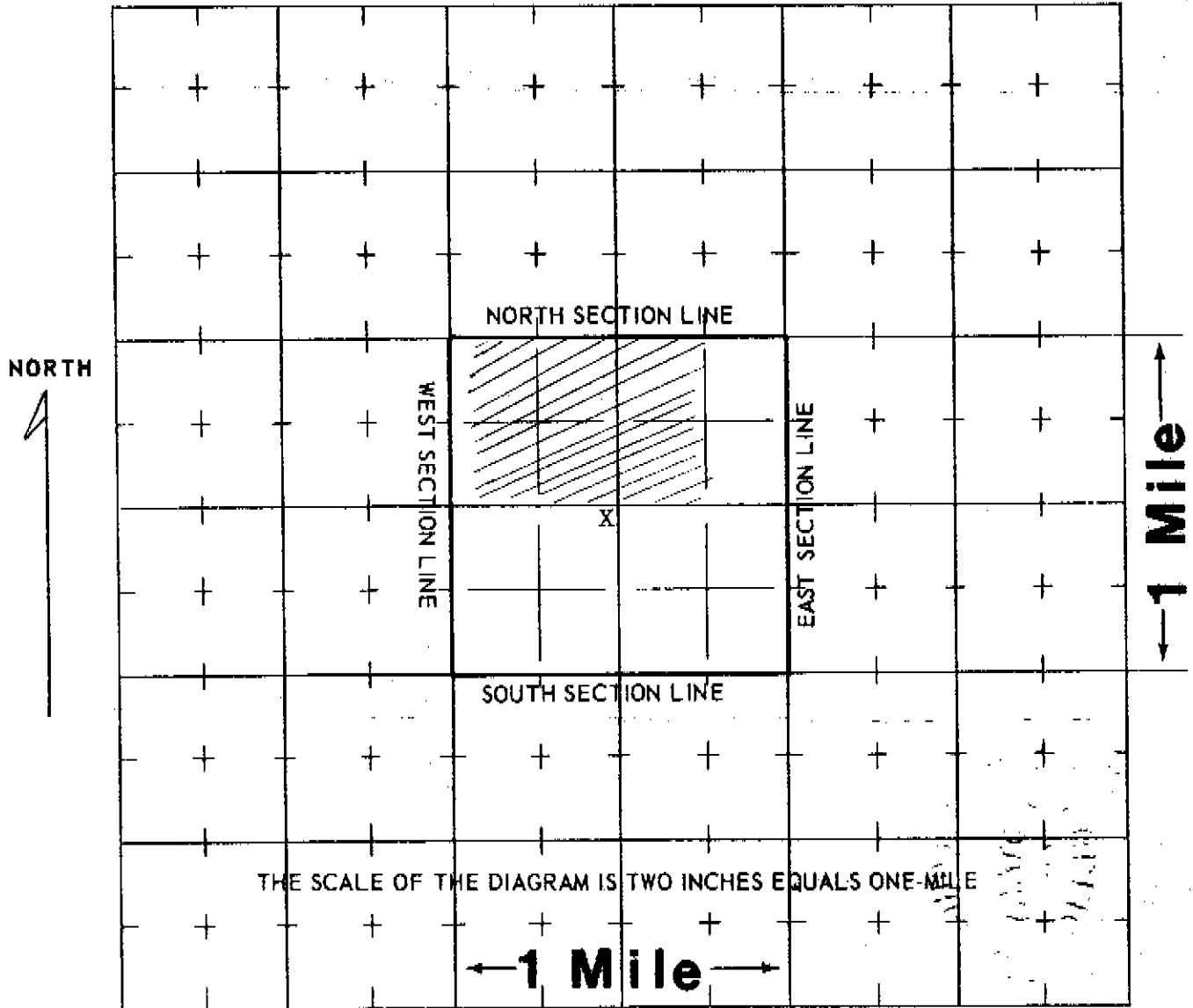
ACCEPTED FOR FILING BY THE STATE ENGINEER OF COLORADO  
PURSUANT TO THE FOLLOWING CONDITIONS:



Well drilled by \_\_\_\_\_ Lic. No. \_\_\_\_\_  
 Permanent Pump installed by \_\_\_\_\_ Lic. No. \_\_\_\_\_  
 Meter Serial No. \_\_\_\_\_  Flow Meter Date Installed \_\_\_\_\_  
 Owner of land on which water is being used Dan Frihauf

**THE LOCATION OF THE WELL MUST BE SHOWN AND FOR LARGE CAPACITY IRRIGATION WELLS THE AREA ON WHICH THE WATER IS USED MUST BE SHADED OR CROSS-HATCHED ON THE DIAGRAM BELOW.**

This diagram represents nine (9) sections. Use the **CENTER SQUARE** (one section) to indicate the location of the well, if possible.



**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).
- 1 acre-foot . . . 43,560 cubic feet . . . 325,900 gallons.
- 1,000 gpm pumped continuously for one day produces 4.42 acre-feet.
- 100 gpm pumped continuously for one year produces 160 acre-feet.

**(WHITE AND PINK COPY TO BE FILED WITH THE STATE ENGINEER  
 PINK COPY WILL BE RETURNED TO OWNER)**

DEC 11 '89

COLORADO DIVISION OF WATER RESOURCES

818 Centennial Bldg., 1313 Sherman St.

Denver, Colorado 80203

WATER RESOURCES STATE ENGINEER COLO.

TYPE OR PRINT IN BLACK INK COPY OF ACCEPTED STATEMENT MAILED ON REQUEST.

STATE OF COLORADO

COUNTY OF Morgan } SS.

12-11-89 FRI DAY

133187 1.00

032472 60.00

MMXIDB P0014

TTL 61.00

61.00

CHG 0.00

CHEQUE 61.00

LOCATION OF WELL

DL-1 UR7767

STATEMENT OF BENEFICIAL USE OF GROUND WATER

XX AMENDMENT OF EXISTING RECORD

LATE REGISTRATION

PERMIT NUMBER 5954

Best Copy Available

THE AFFIANT(S) Dan Frihauf

County Adams

whose mailing address is Star Rt.-Box 117A

NE 1/4 of the SW 1/4, Section 23

City Byers, CO. 80103

Twp. 1 S Rng. 60 W 6 P M

being duly sworn upon oath, deposes and says that he (they) is (are) the owner(s) of the well described hereon; the well is located as described above, at distances of 2544 feet from the south section line and 2554 feet from the west section line; water from this well was first applied to a beneficial use for the purpose(s) described herein on the 6 day of April, 1946; the maximum sustained pumping rate of the well is 1500 gallons per minute, the pumping rate claimed hereby is 1500 gallons per minute; the total depth of the well is 127 feet; the average annual amount of water to be diverted is 635 acre-feet; for which claim is hereby made for Irrigation of farm crops purpose(s); the legal description of the land on which the water from this well is used is N 1/2 - Sec. 23 - T1S - R60W of which 254 acres are irrigated and which is illustrated on the map on the reverse side of this form; that this well was completed in compliance with the permit approved therefor; this statement of beneficial use of ground water is filed in compliance with law; he (they) has (have) read the statements made hereon; knows the content thereof; and that the same are true of his (their) knowledge.

(COMPLETE REVERSE SIDE OF THIS FORM)

Signature(s) Dan Frihauf

Subscribed and sworn to before me on this 22 day of Nov., 1989

My Commission expires: Sept. 12, 1992

Dwight Schreiner NOTARY PUBLIC

ACCEPTED FOR FILING BY THE STATE ENGINEER OF COLORADO PURSUANT TO THE FOLLOWING CONDITIONS:

FOR OFFICE USE ONLY

Court Case No.

Prior. NOT NEEDED

Div. PERMIT ISSUED

Sec.

Well L

Dist. Basin Mon. Dis

Form No.  
GWS-25

OFFICE OF THE STATE ENGINEER  
COLORADO DIVISION OF WATER RESOURCES

DOMESTIC WELL IN NE CORNER

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

765

WELL PERMIT NUMBER		<u>196S12</u>		- <u>A</u>	
DIV. 8	CNTY. 1	WD 1	DES. BASIN 2	MD 7	

APPLICANT

DANIEL A FRIHAUF  
15180 MIMOSA RD  
BYERS CO 80103-

(970)432-5203

Lot: Block: Filing: Subdiv:

APPROVED WELL LOCATION  
ADAMS COUNTY

NE 1/4 NE 1/4 Section 23  
Twp 1 S RANGE 60 W 6th P.M.

DISTANCES FROM SECTION LINES

50 Ft. from North Section Line  
150 Ft. from East Section Line

**PERMIT TO CONSTRUCT A WELL**

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 37-90-105 for the replacement of an existing well, permit no. 196S12. The old well must be plugged according to the Water Well Construction Rules. The enclosed Well Abandonment Report form must be completed within sixty (60) days of construction of the new well affirming that the old well was plugged.
- 4) Water from this well may be used for domestic purposes inside one (1) single family dwelling.
- 5) The maximum pumping rate shall not exceed 15 GPM.
- 6) The irrigated area shall not exceed 1/2 acre (21,780 square feet) of lawn and garden.
- 7) Water from this well may be used for the watering of livestock on range and pasture.
- 8) Production is limited to the Laramie-Fox Hills aquifer. Plain casing must be installed and grouted from ground surface to a minimum depth of 100 feet to prevent diversion of water from other zones. The depth of the well shall not exceed 340 feet, which is the estimated base of the Laramie-Fox Hills aquifer.
- 9) This well must be constructed within 300 feet of the location specified on this permit.

NOTE: The ability of this well to withdraw its authorized amount of water from this non-renewable aquifer may be less than the 100 years upon which the amount of water in the aquifer is allocated, due to anticipated water level declines 7/7/96

APPROVED  
JSG

Hal D. Simpson  
State Engineer

By John W. [Signature]

Receipt No. 0307191B

DATE ISSUED JUL 10 1996

EXPIRATION DATE JUL 10 1998

RECEIVED

RECEIVED

WRJ-5-Rev. 76

APR 1 1989

COLORADO DIVISION OF WATER RESOURCES

818 Centennial Bldg., 1313 Sherman St., Denver, Colorado 80202

NOV 20 '89

WATER RESOURCES STATE ENGINEER COLO.

PERMIT APPLICATION FORM JUN 13 1996

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
(X) REPLACEMENT FOR NO. NO PERMIT
( ) OTHER
WATER COURT CASE NO. 19052A 4810'

(1) APPLICANT - mailing address

NAME DANIELA FRIHAUF
STREET 15180 Mimosa
CITY BYERS Colo 80103
TELEPHONE NO. (303) 432-5203

(2) LOCATION OF PROPOSED WELL

County ADAMS
NE 1/4 of the NE 1/4, Section 23
Twp. 1S Rng. 60 W. 60th P.M.

(3) WATER USE AND WELL DATA

Proposed maximum pumping rate (gpm) 15
Average annual amount of ground water to be appropriated (acre-feet): 1 ACRE FT.
Number of acres to be irrigated: 4.2A
Proposed total depth (feet): 120
Aquifer ground water is to be obtained from: Larimie-Fox Hill
Owner's well designation

GROUND WATER TO BE USED FOR:

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

DETAIL THE USE ON BACK IN (11)

(4) DRILLER

Name Alan Payne
Street P.O. Box 155
City BYERS Colo 80103
Telephone No. 822-5377 Lic. No. 59 765

FOR OFFICE USE ONLY DO NOT WRITE IN THIS COLUMN

Receipt No. 307191B
Basin 2 Dist. 7

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.

NE-NE-NE-NE
Topo - Windmill (1957) Plotted
15 GPM
1/2 acre (21,780 15) in.

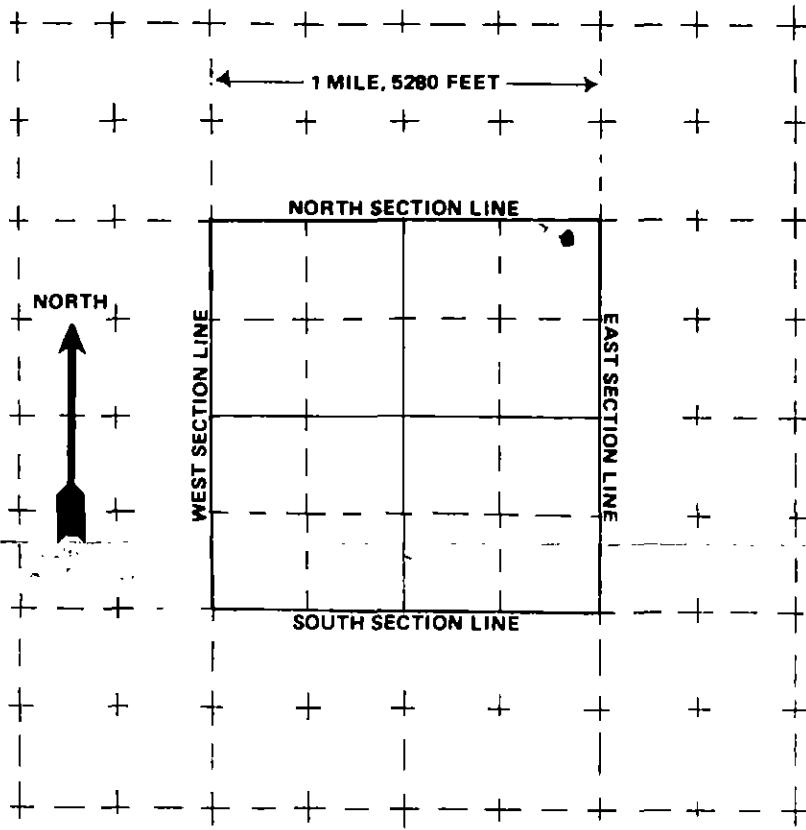
Best Copy Available

Attached due 7/29/96

APPLICATION APPROVED

PERMIT NUMBER
DATE ISSUED
EXPIRATION DATE
BY
I.D. 8-1-01 COUNTY 01

(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.

50 ft. from NORTH sec. line  
 (north or south)  
150 ft. from EAST sec. line  
 (east or west)

LOT \_\_\_\_\_ BLOCK \_\_\_\_\_ FILING # \_\_\_\_\_  
 SUBDIVISION \_\_\_\_\_

(7) TRACT ON WHICH WELL WILL BE LOCATED

Owner: Daniel  
 No. of acres 36 40 Will this be  
 the only well on this tract? yes

(8) PROPOSED CASING PROGRAM

Plain Casing  
6 in. from 71 ft. to 19 ft.  
4 1/2 in. from 6 ft. to 90 ft.  
 Perforated casing  
4 1/2 in. from 90 ft. to 120 ft.  
 \_\_\_\_\_ in. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

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

25 ft. N.W. of  
old well  
Plugged AS PER  
REGULATIONS

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

Owner(s): Daniel A. Frikau No. of acres: 40  
 Legal description: NE 1/4 of NE 1/4 Sect. 23 Township 1 South Range 60 West Adams County, C

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

HOUSEHOLD WATER AND LIVESTOCK WATER  
SEPTIC TANK SYSTEM

(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

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

Daniel A. Frikau  
 SIGNATURE OF APPLICANT(S)

EXEMPT WELL DATA SHEET - DENVER BASIN, COLORADO

APPLICANT: FRIHAUF RECEIPT NO. 307191-B  
 LOCATION: NE1/4 OF NE1/4 OF SEC. 23, T.1S., R.60W. (50 NSL, 150 ESL) ✓  
 LOCATION IS WITHIN THE KIOWA BIJOU DESIGNATED GROUND WATER BASIN  
 PROPOSED AQUIFER:  
 SURFACE ELEVATION: 4810 NUMBER OF ACRES IN TRACT: 40

IS PROPERTY WITHIN SERVICE BOUNDARIES OF MUNICIPALITY S.B.5 CONSENT MAPS? NO \_\_\_ YES \_\_\_  
 IF SUBDIVISION IS UNDER AUGMENTATION PLAN, CASE NO. IS \_\_\_\_\_, DIV. \_\_\_\_\_  
 IF SUBDIVISION WAS RECOMMENDED FOR APPROVAL BY THE WATER MANAGEMENT BRANCH, DATE OF LETTER IS \_\_\_\_\_  
 INFORMATION ON SUBDIVISION OR TRACT OF LAND/SPECIAL RESTRICTIONS:

evaluated by JSG on JUNE 27, 1996

AQUIFER	ELEVATION		NET SAND	DEPTH TO		ANNUAL APPROP A-F	STATUS
	BOT.	TOP		BOT.	TOP		
UPPER DAWSON	----	----	----	----	----	----	---
LOWER DAWSON	----	----	----	----	----	----	---
DENVER	----	----	----	----	----	----	---
UPPER ARAPAHOE	----	----	----	----	----	----	---
LOWER ARAPAHOE	----	----	----	----	----	----	---
LARAMIE-FOX HILLS	4472	4742	132	338	68	7.920	NNT

note: E indicates location is at aquifer boundary and values may be more approximate.  
 \* indicates the proposed aquifer.

All values are interpolated from the S.B.5 data base assembled in November of 1986.