

FORM NO. GWS-32 11/90

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

For Office Use only

RECEIVED

JAN 06 '94

WATER RESOURCES
STATE ENGINEER
COLORADO

1. WELL PERMIT NUMBER 170928 170928

2. OWNER NAME(S) Bandy Kidd
Mailing Address 2045 Mirage
City, St. Zip COLO. SPRS. CO. 80920
Phone (719) 590-7133

3. WELL LOCATION AS DRILLED: SE 1/4 SE 1/4, Sec. 33 Twp. 11 S, Range 166 W 16th
DISTANCES FROM SEC. LINES:
250 ft. from South Sec. line. and 380 ft. from East Sec. line.
(north or south) (east or west)
SUBDIVISION: Roshol Retreat LOT 3 BLOCK _____ FILING(UNIT) _____
STREET ADDRESS AT WELL LOCATION: _____

4. PUMP DATA: Type Submersible Installation Completed 8-10-93
Pump Manufacturer Grundfos Pump Model No. 10 EJ 412-10
Design GPM 10 at RPM 3450, HP 1, Volts 270, Full Load Amps 9.6
Pump Intake Depth 300 Feet, Drop/Column Pipe Size 1 Inches, Kind PVC
ADDITIONAL INFORMATION FOR PUMPS GREATER THAT 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.
Total Well Depth 340 Date 8-10-93
Static Level 168 Time 2:40
Date Measured 8-10-93 Rate (GPM) 15
Pumping Lvl. 300

7. DISINFECTION: Type HHH Amt. Used 60Z

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 Kurau Drilling & Exc Phone (719) 683-3720 Lic. No. 1148
Mailing Address 12345 Lucky Ln. Calhan, Co. 80808

Name/Title (Please type or print) Tim Kurau - owner Signature Tim Kurau Date 11-16-93

RECEIVED
JAN 06 '94
WATER RESOURCES
STATE ENGINEER
COLO.

1. WELL PERMIT NUMBER 170928

2. OWNER NAME(S) Bundy Kidd
Mailing Address 2145 Mirage
City, St. Zip COLO. Spgs. CO 80920
Phone (719) 590-7633

3. WELL LOCATION AS DRILLED: SE 1/4 SE 1/4, Sec. 33 Twp. 16 S, Range 16W 16N
DISTANCES FROM SEC. LINES:
250 ft. from South Sec. line. and 380 ft. from East Sec. line. OR
SUBDIVISION: Rosholt Retreat (north or south) (east or west) LOT 3 BLOCK _____ FILING(UNIT) _____
STREET ADDRESS AT WELL LOCATION: _____

4. GROUND SURFACE ELEVATION _____ ft. DRILLING METHOD Mud Rotary
DATE COMPLETED 8-10-93 TOTAL DEPTH 340 ft. DEPTH COMPLETED 340 ft.

5. GEOLOGIC LOG:

Depth	Description of Material (Type, Size, Color, Water Location)
0-1	TOP SOIL
1-9	SAND
9-170	SAND ROCK + CLAY
170-175	Loose SAND
175-205	SAND ROCK + CLAY
205-245	SAND ROCK WATER
245-270	CLAY
270-340	SAND ROCK WATER

REMARKS: _____

6. HOLE DIAM. (in.) From (ft) To (ft)

Hole Diameter (in.)	From (ft)	To (ft)
4	0	20
6 5/8	20	340

7. PLAIN CASING

OD (in)	Kind	Wall Size	From(ft)	To(ft)
6 5/8	Steel	1 1/8	+1	20
4 1/2	PVC	200PSI	15	200

PERF. CASING: Screen Slot Size: 1/4" HOLES

Material	Amount	Density	Interval	Placement
4 1/2 PVC	200PSI		200	340

8. FILTER PACK:
Material GRAVEL
Size 1/4"
Interval 20-190

9. PACKER PLACEMENT:
Type Rubber
Depth 200

10. GROUTING RECORD:

Material	Amount	Density	Interval	Placement
Cement	194	69AL	6-20	Rounded
Volclay	1 BUCKET	1/4"	190-200	Rounded

11. DISINFECTION: Type H+H Amt. Used 60Z

12. WELL TEST DATA: Check box if Test Data is submitted on Supplemental Form.
TESTING METHOD Air Lifted
Static Level 168 ft. Date/Time measured 8-10-93 Production Rate 15 gpm.
Pumping level 300 ft. Date/Time measured 8-10-93 Test length (hrs.) 4HR
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 Kurau Drilling & Exc Phone (719) 683-3720 Lic. No. 1148
Mailing Address 23945 Lucky Dr. Canon. Co. 80808

Name/Title (Please type or print) Tim Kurau - owner Signature Tim Kurau Date 11-16-93

OFFICE OF THE STATE ENGINEER
COLORADO DIVISION OF WATER RESOURCES

818 Centennial Bldg., 1313 Sherman St., Denver, Colorado 80203
(303) 866-3561

APPLICANT

WELL PERMIT NUMBER <u>170928</u>	
DIV. 2	CNTY. 21 WD 10 DES. BASIN MD

Lot: 3 Block: Filing: Subdiv: ROSHOLT RETREAT

RANDY KIDD
2945 MIRAGE
COLO SPRGS CO 80920

(719)590-7633

APPROVED WELL LOCATION

EL PASO COUNTY

SE 1/4 SE 1/4 Section 33
Twp 11 S RANGE 66 W 6th P.M.

DISTANCES FROM SECTION LINES

250 Ft. from South Section Line
380 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) and policy of the State Engineer under the following conditions.
- 4) The use of ground water from this well is limited to ordinary household purposes inside one single family dwelling, the watering of not more than 4 large domestic animals, and the irrigation of not more than 20,780 square feet of home gardens and lawns, as recommended by the Division of Water Resources to the county commissioners.
- 5) Plain casing must be installed and properly sealed to a minimum depth of 200 feet to prevent diversion of water above this depth. The depth of the well shall not exceed 660 feet, which corresponds to the base of the Dawson aquifer.
- 6) The maximum pumping rate shall not exceed 15 GPM.
- 7) The annual amount of ground water to be withdrawn shall not exceed 1 acre-feet.
- 8) This well shall be constructed not more than 200 feet from the location specified on this permit.

Note: To insure a maximum productive life of this well, perforated casing should be set through the entire producing interval of the approved zone or aquifer indicated above.

WS. 7/1/93

APPROVED
DWR

Hal D. Simpson

State Engineer

John W. Beckley

By

Receipt No. 0352764

DATE ISSUED JUL 02 1993

EXPIRATION DATE JUL 02 1995

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

RECEIVED

NOV 10 '93

SIN

PERMIT APPLICATION FORM

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

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

170928

WATER RESOURCES
STATE ENGINEER
GOLD

() REPLACEMENT FOR NO. _____
() OTHER _____
WATER COURT CASE NO. _____

7525

(1) APPLICANT - mailing address

NAME Randy Kidd
STREET 2945 MIRAGE
CITY CO SPRING CO 80920
(State) (Zip)
TELEPHONE NO. 719-590-7633

FOR OFFICE USE ONLY: DO NOT WRITE IN THIS COLUMN

Receipt No. 352764
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.

DB/K
(mod.)

(2) LOCATION OF PROPOSED WELL

County EL PASO
SE 1/4 of the SE 1/4, Section 33
Twp. 11 S, Rng. 66 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): 300
Aquifer ground water is to be obtained from:
DAWSON

- No "watering of pastures" & "large dom. animals", & 20,780 B in.
- 1 AF/YR

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)

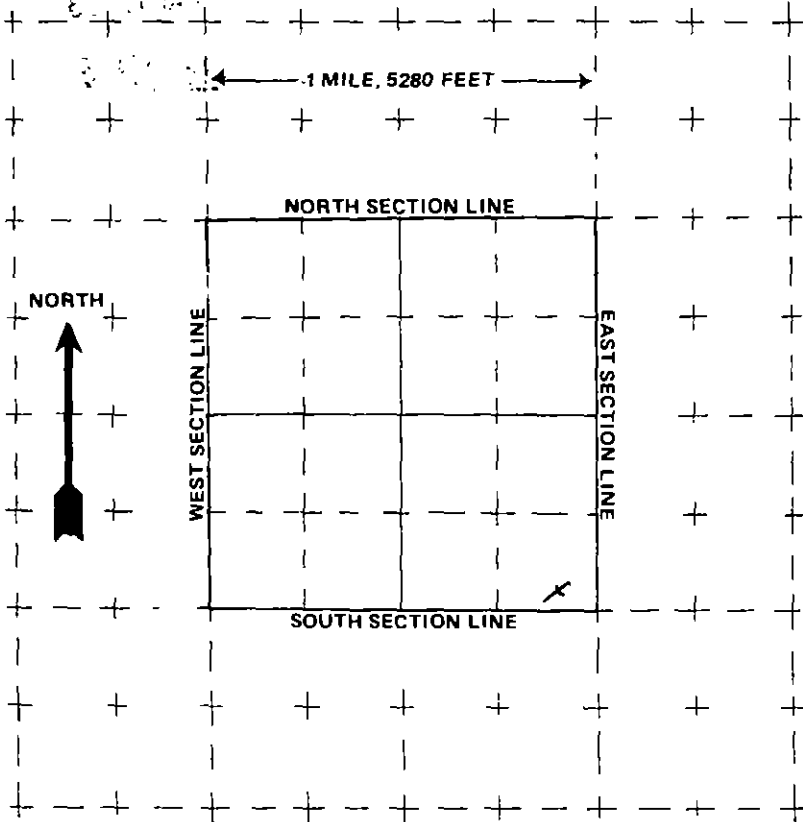
BY _____

I.D. 2 COUNTY 21-10

(4) DRILLER

Name KUNAW DRILLING & EXC
Street 23945 LUCKY LN
City CALHAN CO 80808
(State) (Zip)
Telephone No. 719-683-3720 Lic. No. 1148

(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.

250 ft. from SOUTH sec. line
(north or south)
380 ft. from EAST sec. line
(east or west)

LOT 3 BLOCK _____ FILE # _____
SUBDIVISION Bosholt + Retreat

(7) TRACT ON WHICH WELL WILL BE LOCATED Owner: Randy Kidd

No. of acres 5.36 Will this be the only well on this tract? YES

(8) PROPOSED CASING PROGRAM

Plain Casing
6 in. from +1 ft. to 20 ft.
4 in. from 15 ft. to 100 ft.
Perforated casing
4 in. from 100 ft. to 300 ft.
_____ in. from _____ ft. to _____ ft.

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

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

Owner(s): Randy Kidd and Bonnie Kidd No. of acres: 5.36
Legal description: SE 1/4 SE 1/4 S 33 T15 R 66W Lot 3 Bosholt Sub

(11) DETAILED DESCRIPTION of the use of ground water: Household use and domestic wells must indicate type of disposal system to be used.
Household Livestock Lawn + garden
El Paso County Approved Septic

(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.

Randy Kidd Bonnie Kidd
SIGNATURE OF APPLICANT(S)

EXEMPT WELL DATA SHEET - DENVER BASIN, COLORADO

APPLICANT: KIDD RECEIPT NO. 352764
 LOCATION: SE1/4 OF SE1/4 OF SEC. 33, T.11S., R.66W. (250 SSL, 380 ESL)

PROPOSED AQUIFER:
 SURFACE ELEVATION: 7325 NUMBER OF ACRES IN TRACT: 5.36

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 JWB on JUNE 28, 1993

AQUIFER	ELEVATION		NET SAND	DEPTH TO		ANNUAL APPROP A-F	STATUS
	BOT.	TOP		BOT.	TOP		
UPPER DAWSON	6667	7159	246	658	166	2.637	NNT
LOWER DAWSON	---	---	---	---	---	---	---
DENVER	5872	6648	516	1453	677	4.702	NNT
UPPER ARAPAHOE	5343	5813	226	1982	1512	2.059	NNT
LOWER ARAPAHOE	---	---	---	---	---	---	---
LARAMIE-FOX HILLS	4544	4855	190	2781	2470	1.520	NT

200' plain

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.

Mr. John Bilisoly

Dear John:

Please be advised that I wish to reduce the amount of irrigation of lawn and garden from 21,780 sq. ft. to 20,780 sq. ft. in order to have the right to water up to 4 large animals. Reference receipt # 352764.

Regards,

Randall E Kidd
Randall E Kidd