

WA/P/ED

COLORADO DIVISION OF WATER RESOURCES

1313 Sherman Street - Room 818
Denver, Colorado 80203

RECEIVED

JAN 23 1988

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

PERMIT NUMBER 1249806WATER RESOURCES
STATE ENGINEER
COLO.

WELL OWNER Edward Brown NW $\frac{1}{4}$ of the SW $\frac{1}{4}$ of Sec. 14
 ADDRESS 6297 Cty Rd 318 Ign Colo T. 33 N, R. 8 W, NM P.M.
 DATE COMPLETED Oct 1, 1987

HOLE DIAMETER

7 $\frac{7}{8}$ in. from 1 to 240 ft.

_____ in. from _____ to _____ ft.

_____ in. from _____ to _____ ft.

DRILLING METHOD Rotary

CASING RECORD: Plain Casing

Size 5" & kind PVC from 1 to 60 ft.

Size _____ & kind _____ from _____ to _____ ft.

Size _____ & kind _____ from _____ to _____ ft.

Perforated Casing

Size 5" & kind PVC from 60 to 240 ft.

Size _____ & kind _____ from _____ to _____ ft.

Size _____ & kind _____ from _____ to _____ ft.

GROUTING RECORD

Material Neat CementIntervals 10' below

Placement Method _____

GRAVEL PACK: Size $\frac{3}{8}$ " chipsInterval 50-240

TEST DATA

Date Tested Oct 1, 1987Static Water Level Prior to Test 58 ft.Type of Test Pump Air liftLength of Test 1 HRSustained Yield (Metered) $\frac{1}{2}$ gpmFinal Pumping Water Level —

WELL LOG

From	To	Type and Color of Material	Water Loc.
1	6	Top Soil	
6	120	Shale	60'
120	180	Sandstone	80'
180	240	Shale	
TOTAL DEPTH <u>240'</u>			

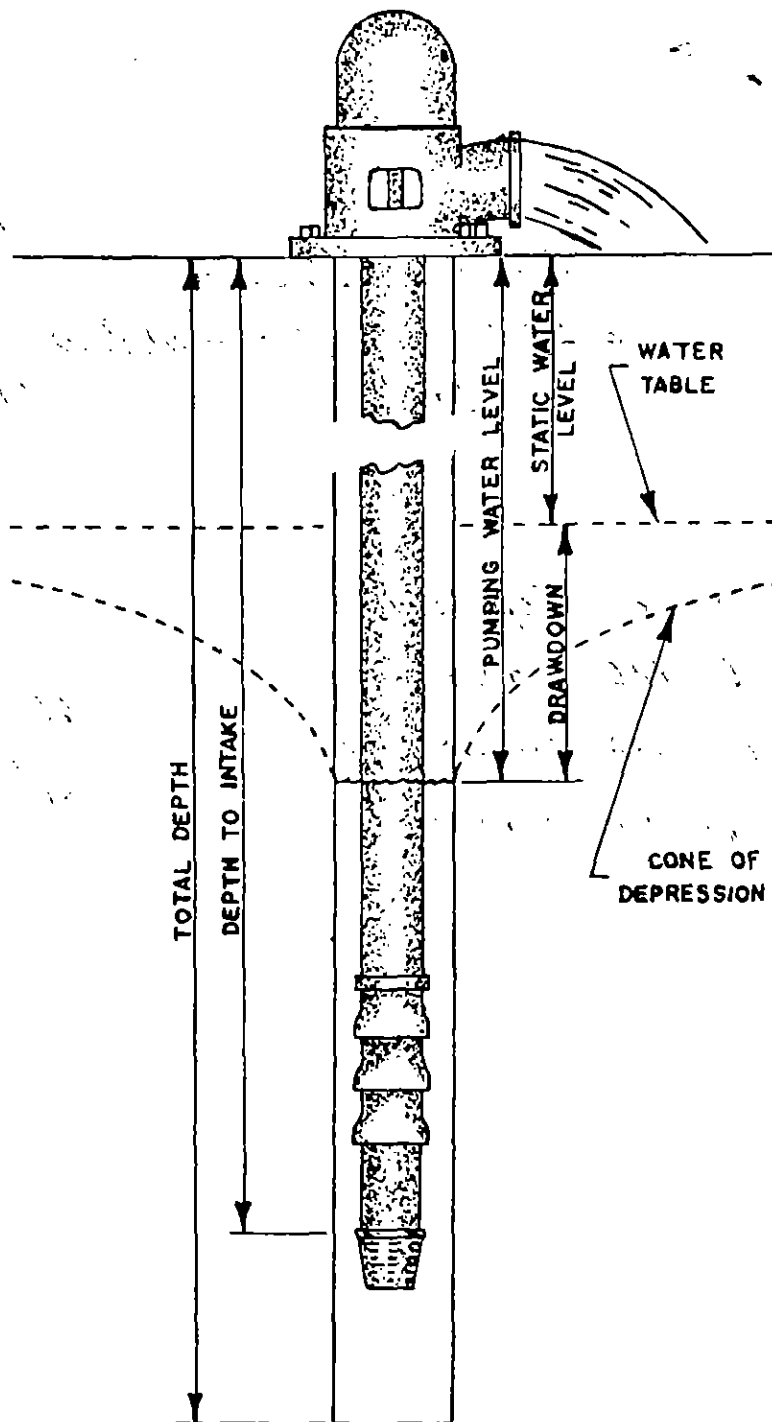
Use additional pages necessary to complete log.

PUMP INSTALLATION REPORT

Pump Make Aeromotor
 Type Sub.
 Powered by Franklin HP 3/4
 Pump Serial No. _____
 Motor Serial No. _____
 Date Installed Oct 1, 1987
 Pump Intake Depth 220
 Remarks _____

WELL TEST DATA WITH PERMANENT PUMP

Date Tested Oct 1, 1987
 Static Water Level Prior to Test 58'
 Length of Test 1 HR Hours
 Sustained yield (Metered) 5 GPM
 Pumping Water Level _____
 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 [Signature] License No. 858

State of Colorado, County of LA PLATA SS

Subscribed and sworn to before me this 24 day of Jan, 1988.

My Commission expires: 7-25, 1990.

Notary Public [Signature]

FORM TO BE MADE OUT IN QUADRUPLICATE: 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

PERMIT APPLICATION FORM

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

RECEIVED
SEP 28 1987
WATER RESOURCES
STATE ENGINEER
DALE

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

09-28-87 2:55 P

() REPLACEMENT FOR NO. 032472 60.00

() OTHER _____

WATER COURT CASE NO. NWX000 P0011**(1) APPLICANT - mailing address**

NAME Edward L. Brown
STREET 6297 County Road 318
CITY Ignacio CO 81137
(State) (Zip)
TELEPHONE NO. 247-2231

(2) LOCATION OF PROPOSED WELL

County La Plata
NW 1/4 of the SW 1/4, Section 14
Twp. 33 N. Rng. 8 W. N.M. 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): 1.5
Number of acres to be irrigated: livestock
Proposed total depth (feet): 200
Aquifer ground water is to be obtained from:
Sandstone
Owner's well designation Brown #1

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 Doug Rathjen
Street 13505 Hwy 550
City Durango CO 81301
(State) (Zip)
Telephone No. 247-9685 Lic. No. 858

FOR OFFICE USE ONLY: DO NOT WRITE IN THIS COLUMN

Receipt No. 80562 CASH 60.00
Basin CL-1 Dist. ITM 1
BA 562

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 CRS 37-92-602**(3) (b) (i).**

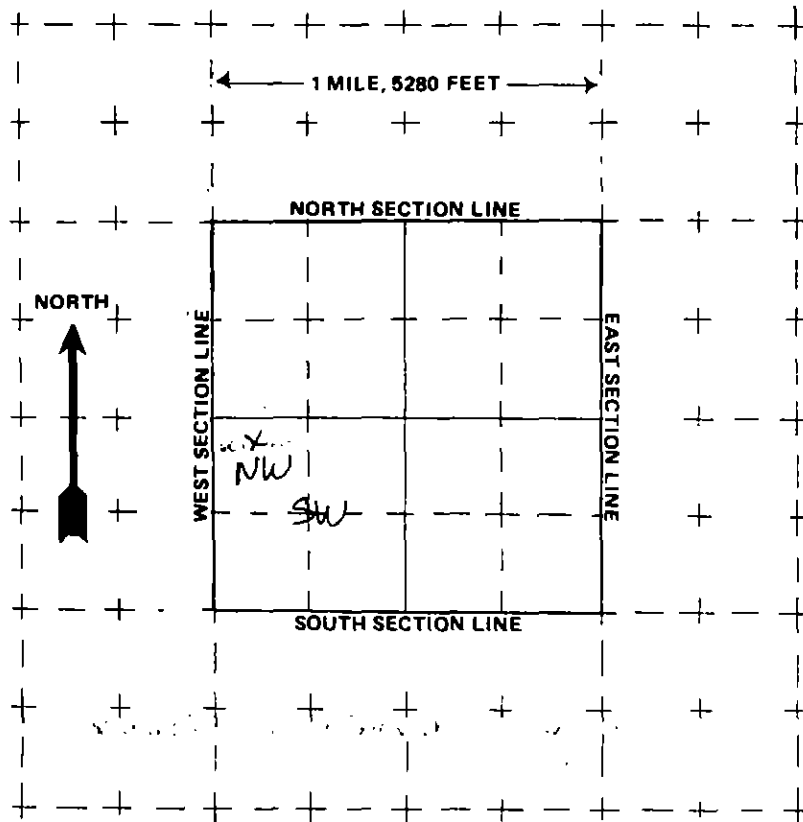
2) APPROVED FOR THE WATERING OF LIVESTOCK ONLY, ON A FARM OR RANCH. M.M. 9-30-87

APPLICATION APPROVEDPERMIT NUMBER 149606DATE ISSUED OCT 01 1987EXPIRATION DATE OCT 01 1989

John A. Danielson
(STATE ENGINEER)

BY M.A. MalleyI.D. 7-31 COUNTY 34

(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.

2250 ft. from South sec. line
(north or south)

500 ft. from West sec. line
(east or west)

LOT _____ BLOCK _____ FILING # _____

SUBDIVISION _____

(7) **TRACT ON WHICH WELL WILL BE LOCATED** Owner: Edward Brown

No. of acres 40 . Will this be

the only well on this tract? yes

(8) **PROPOSED CASING PROGRAM**

Plain Casing

5 1/2 in. from 0 ft. to 150 ft.

_____ in. from _____ ft. to _____ ft.

Perforated casing

5 1/2 in. from 150 ft. to 200 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): Edward Brown No. of acres: 40
Legal description: The NW 1/4 of the SW 1/4 of Sec. 14, T33N, R8W, NMPM

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

Livestock watering

(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

N/A

30280A

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

Edward Brown
SIGNATURE OF APPLICANT(S)

Roy Romer
~~RICHARD L. LAMM~~
Governor



JERIS A. DANIELSON
State Engineer

RECEIVED

SEP 23 1987

WATER RESOURCES
DIVISION ENGINEER
10/0

DIVISION OF WATER RESOURCES

DARIES C. LILE, P.E.
DIVISION WATER ENGINEER
DIVISION 7
P.O. Drawer 1880
DURANGO, COLORADO 81302-1880
Office Phone: 247-1845

September 23, 1987

TO: REINER HAUBOLD
FROM: CHUCK LILE
SUBJECT: ED BROWN PERMIT

This party has received cost sharing funds from the A.S.C.S.
to help him construct this well.

The problem is that the well needs to be drilled before Tuesday,
September 29, 1987.

Would you please process this as quickly as possible.

Thanks.

Daries C. Lile
Division Engineer

DCL:alf
enclosures

VERBAL REQUEST INFORMATION SHEET

V# 87VE377OFFICE OF THE STATE ENGINEER
DIVISION OF WATER RESOURCES
GROUND WATER SECTION

File C# _____

I.D. _____ Cty. _____

Basin _____ M.D. _____

TAKEN BY: PH NAME OF CALLER: Chuck L. DATE: 23 Sept. 87APPLICANT: Brown, Ed DRILLER: DAKADDRESS: _____ LIC.# _____ PHONE # _____
(LOC/LONG DIST)
EXISTING PERMIT # _____PHONE # _____ DECREE# - USE stock

NEW APP. REC'D _____ 19 _____ CTY. _____ DIST. _____

LOCATION _____ 1/4, _____ 1/4, SEC. _____, TWP. _____, RNG. _____

REASON FOR REDRILL _____

PROPOSAL: WHEN ASAP MOVE FROM OLD WELL _____PROPOSED DEPTH 250, PROPOSED CASING: PLAIN _____ PERF. _____AQUIFER sand stoneFIELD INSP. REQ.? / DONE? _____ BY: _____COMMENTS must have well drilled by 29 Sept or
lose ASCS funds. - will get applic into
mail. Today - has application & feeAPPROVED 25 Sept 19 87 BY: PHAPPROVAL GIVEN TO: Doug Rathjean BY: PHCONDITIONS still no application -
verbal only because deadline & funding
limit - this really does not qualify as
emergency. PH

UNREGISTERED EXEMPT WELL
FIELD INSPECTION REPORT

FROM: _____ TAKEN BY: _____ DATE: _____

TOTAL NUMBER OF ACRES IN TRACT _____. ARE THERE ANY OTHER WELLS ON THIS
PARCEL? _____. IF YES, HOW MANY, _____ USED FOR _____

HISTORIC USE OF SUBJECT WELL, (PRIOR TO MAY 8, 1972

- () ORDINARY HOUSEHOLD PURPOSES INSIDE ____ SINGLE FAMILY DWELLING(S).
() WATERING OF POULTRY AND DOMESTIC ANIMALS.
() WATERING OF LIVESTOCK ON A FARM OR RANCH. HOW MANY HEAD _____
IS THIS A FEED LOT OR DAIRY? _____
() IRRIGATION OF _____ SQUARE FEET OF HOME LAWNS AND GARDENS.
() FIRE PROTECTION.
() TYPE OF WELL (DRILLED, HAND DUG, SPRING WELL) _____
() COMMERCIAL USE:

TYPE OF BUSINESS _____

SIZE OF BUILDING(S) _____

NUMBER OF EMPLOYEES _____

NUMBER DAYS PER WEEK BUSINESS IS OPERATED _____

DOES THE PUBLIC HAVE ACCESS TO THE FACILITIES? _____? IF SO, ESTIMATED
NUMBER TO USE FACILITIES. _____

IS THERE ANY OTHER SOURCE OF WATER USED IN CONJUNCTION WITH THE SUBJECT
WELL? _____. IF YES, EXPLAIN _____

COMMENTS: _____

WATER COMMISSIONER _____
DISTRICT _____