

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

COLORADO DIVISION OF WATER RESOURCES

1313 Sherman Street - Room 818
Denver, Colorado 80203

WELL COMPLETION AND PUMP INSTALLATION REPORT

PERMIT NUMBER 100189-A

RECEIVED

OCT 30 1978

WATER RESOURCES
STATE ENGINEER
COLORADO

WELL OWNER Broken Heart Land Co SW $\frac{1}{4}$ of the SW $\frac{1}{4}$ of Sec. 6

ADDRESS Box 628 Alamosa, Co 81101 T. 39 N., R. 11 E., N.M. P.M.

DATE COMPLETED August 15, 19 78

HOLE DIAMETER

14 in. from 0 to 40 ft.

_____ in. from _____ to _____ ft.

_____ in. from _____ to _____ ft.

DRILLING METHOD Spudder

CASING RECORD: Plain Casing

Size 5" & kind Plastic from 0 to 20 ft.

Size _____ & kind _____ from _____ to _____ ft.

Size _____ & kind _____ from _____ to _____ ft.

Perforated Casing

Size 5" & kind Plastic from 20 to 40 ft.

Size _____ & kind _____ from _____ to _____ ft.

Size _____ & kind _____ from _____ to _____ ft.

GROUTING RECORD

Material Benonite

Intervals 0 to 10

Placement Method Pour

GRAVEL PACK: Size 1/4 to 3/4

Interval 0 to 40

TEST DATA

Date Tested August 15, 19 78

Static Water Level Prior to Test 4 ft.

Type of Test Pump Bailer

Length of Test 1 Hr.

Sustained Yield (Metered) 15 GPM

Final Pumping Water Level 6 ft.

WELL LOG

From	To	Type and Color of Material	Water Loc.
0	1	Top Soil	4'
1	7	Sand	
7	9	Clay	
9	37	Sand & Gravel	
37	39	Sandstone	
39	40	Clay	
TOTAL DEPTH <u>40'</u>			

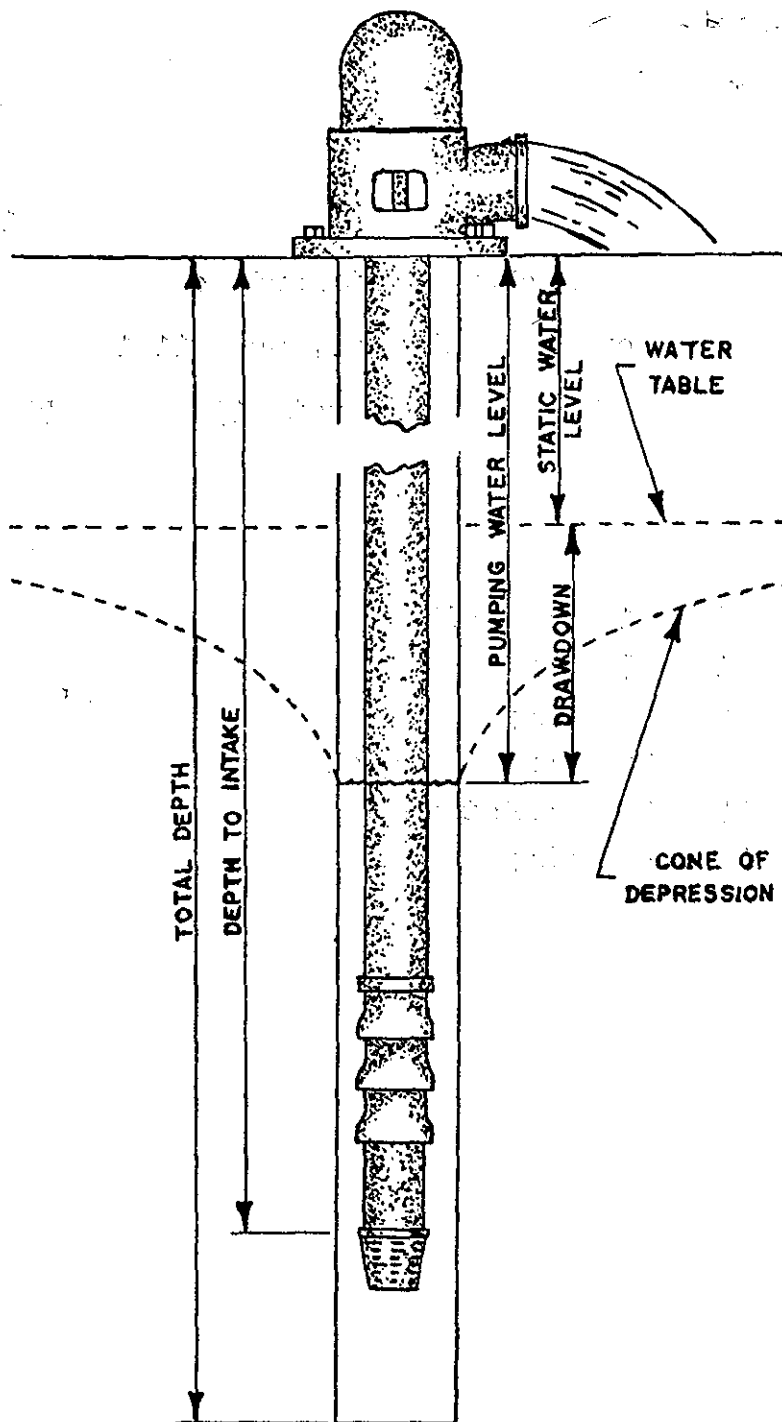
Use additional pages necessary to complete log.

PUMP INSTALLATION REPORT

Pump Make _____
 Type _____
 Powered by _____ HP _____
 Pump Serial No. _____
 Motor Serial No. _____
 Date Installed _____
 Pump Intake Depth _____
 Remarks _____
 _____ Installed Own Pump

WELL TEST DATA WITH PERMANENT PUMP

Date Tested _____
 Static Water Level Prior to Test _____
 Length of Test _____ Hours
 Sustained yield (Metered) _____ 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 Eory Burk License No. 752
 State of Colorado, County of Rio Grande SS
 Subscribed and sworn to before me this 28th day of October, 1978.
 My Commission expires March 15, 1982
 My Commission expires: _____, 19____
 Notary Public Patricia J. Burk

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

1313 Sherman Street - Room 818
Denver, Colorado 80203

WELL COMPLETION AND PUMP INSTALLATION REPORT

PERMIT NUMBER 100189-A

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OCT 4 '78

WATER RESOURCES
STATE ENGINEER
COLO.THIS FORM MUST BE SUBMITTED
WITHIN 60 DAYS OF COMPLETION
OF THE WORK DESCRIBED HERE-
ON. TYPE OR PRINT IN BLACK
INK.WELL OWNER Broken Heart Land Co. SW 1/4 of the SW 1/4 of Sec. 6ADDRESS P.O. Box 628 Alamosa, Colo 81101 T. 39 N, R. 11 E, N.M. P.M.DATE COMPLETED August 15, 19 78

HOLE DIAMETER

14 in. from 0 to 40 ft. in. from to ft. in. from to ft.DRILLING METHOD SpudgerCASING RECORD: Plain CasingSize 5" & kind Steel from 0 to 20 ft.Size & kind from to ft.Size & kind from to ft.

Perforated Casing

Size 5" & kind Steel from 20 to 40 ft.Size & kind from to ft.Size & kind from to ft.

GROUTING RECORD

Material ConcreteIntervals 0 to 10Placement Method PourGRAVEL PACK: Size 1/4 to 3/4Interval 10 to 40

TEST DATA

Date Tested August 15, 19 78Static Water Level Prior to Test 4 ft.Type of Test Pump BailerLength of Test 1 Hr.Sustained Yield (Metered) 15 GPMFinal Pumping Water Level 10'

WELL LOG

From	To	Type and Color of Material	Water Loc.
0	1	Top Soil	4'
1	7	Sand	
7	9	Clay	
9	37	Sand & Gravel	
37	39	Sandstone	
39	40	Clay	
TOTAL DEPTH <u>40'</u>			

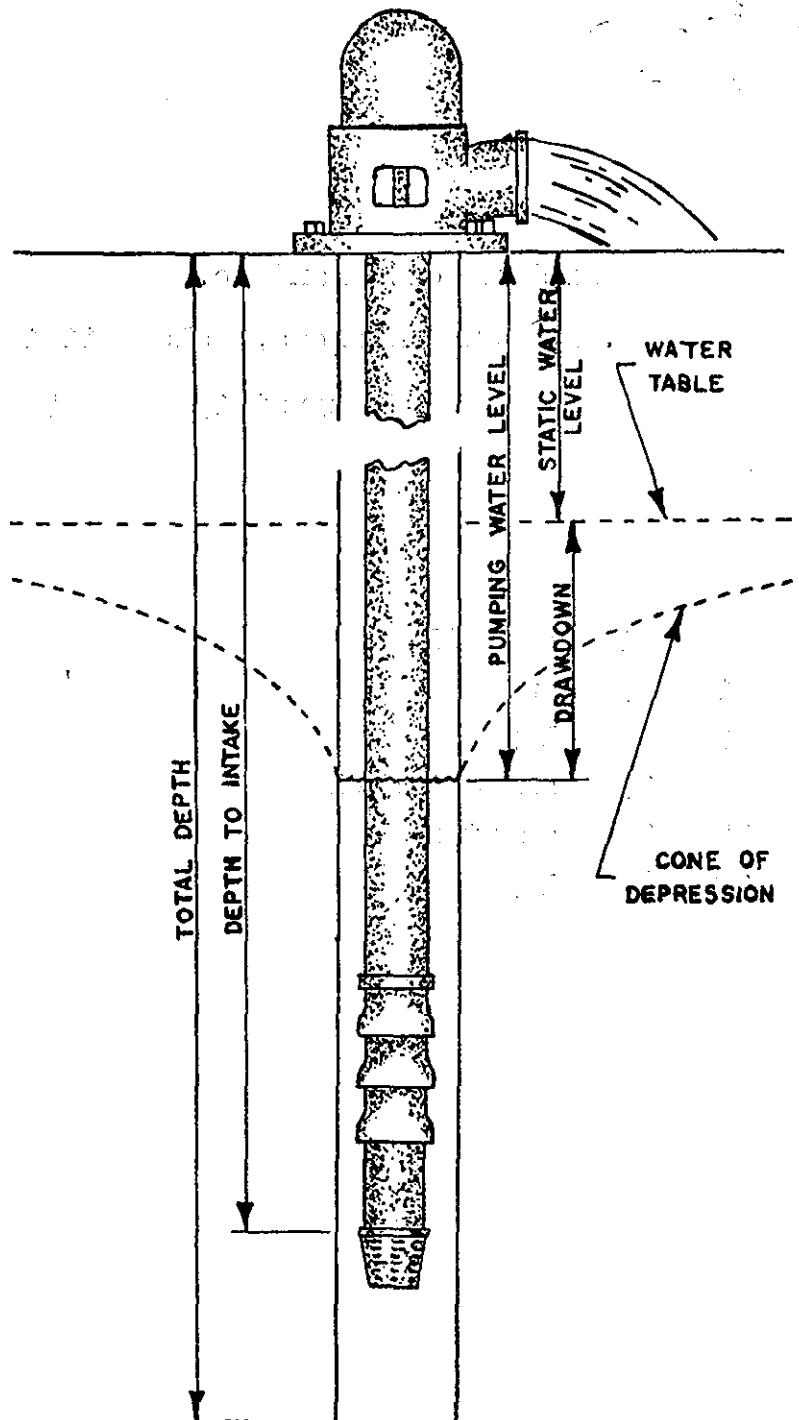
Use additional pages necessary to complete log.

PUMP INSTALLATION REPORT

Pump Make _____
 Type _____
 Powered by _____ HP _____
 Pump Serial No. _____
 Motor Serial No. _____
 Date Installed _____
 Pump Intake Depth _____
 Remarks Didn't Install Pump

WELL TEST DATA WITH PERMANENT PUMP

Date Tested _____
 Static Water Level Prior to Test _____
 Length of Test _____ Hours
 Sustained yield (Metered) _____ 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 Long Burk License No. 752

State of Colorado, County of Rio Grande SS

Subscribed and sworn to before me this 18th day of September, 19 78.

My Commission expires: March 15, 1982

Notary Public Patricia J. Burk

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.

RECEIVED

JUN 30 '78

**WATER RESOURCES
ENGINEER**

PERMIT APPLICATION FORM

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

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

() REPLACEMENT FOR NO. Attached are Neg
() OTHER _____

WATER COURT CASE NO. _____

(X) APPLICANT - mailing address

NAME Broken Heart Land Co
STREET P. O. Box 628
CITY Alameda Co 81101
(State) (Zip)
TELEPHONE NO. 564-4651

(2) LOCATION OF PROPOSED WELL

County Alameda
SW $\frac{1}{4}$ of the SW $\frac{1}{4}$, Section 6
 Twp. 39 N, Rng. 11 E, NM 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): 40

Aquifer ground water is to be obtained from:
unconfined

Owner's well designation # 1

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 SKY H2 IRRIGATION
Street Box 451
City MONTE VISTA CO 81144
(State) (Zip)
Telephone No. _____ Lic. No. 972

FOR OFFICE USE ONLY: DO NOT WRITE IN THIS COLUMN

Receipt No. 95041

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.

APPROVED AS A REPLACEMENT OF WELL NO. 100189
THE EXISTING WELL MUST BE PLUGGED AND ABANDONED
ACCORDING TO THE REVISED AND AMENDED RULES AND
REGULATIONS FOR WATER WELL AND PUMP INSTALLATION
CONTRACTORS. THE ENCLOSED AFFIDAVIT MUST BE
SUBMITTED WITHIN SIXTY (60) DAYS AFTER THE
CONSTRUCTION OF THE NEW WELL, AFFIRMING THAT
WELL NO. 100189 WAS PLUGGED AND ABANDONED.

APPLICATION APPROVED

PERMIT NUMBER 100189-A

DATE ISSUED **JUL 10 1978**

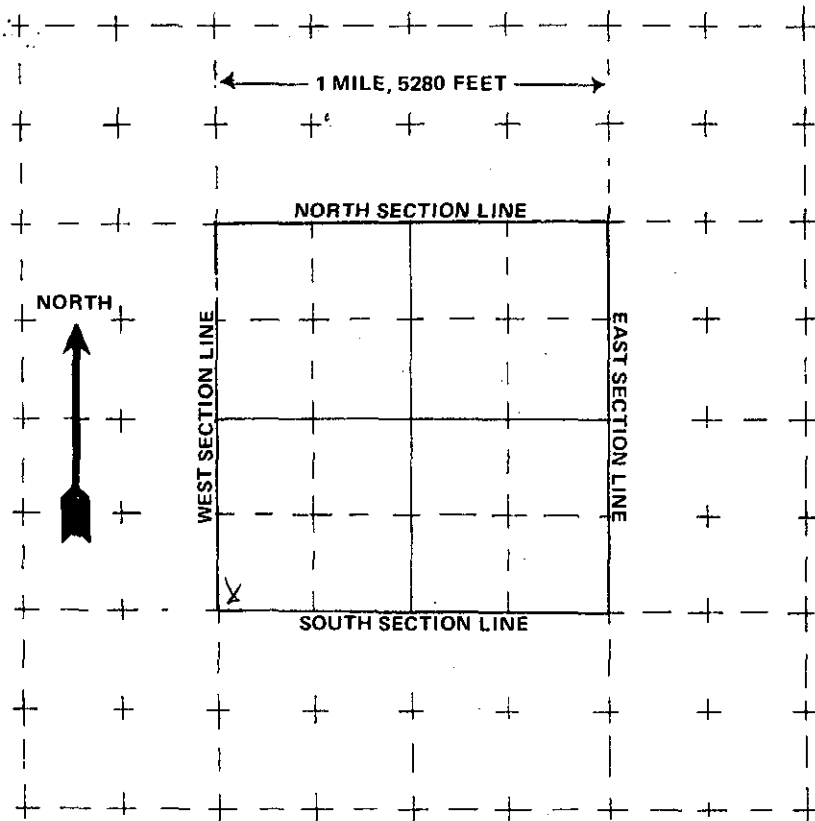
EXPIRATION DATE **JUL 10 1980**

EXPIRATION DATE _____
Bruce E. DeBrine

 DEPUTY (STATE ENGINEER)

BY DeWayne R. Schroeder
I.D. 3-20 COUNTY 02

(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.

200 ft. from S sec. line
(north or south)
80 ft. from W sec. line
(east or west)

LOT _____ BLOCK _____ FILING # _____
SUBDIVISION _____

(7) **TRACT ON WHICH WELL WILL BE LOCATED** Owner: Broken Heart Land
No. of acres 40 Will this be the only well on this tract? No

(8) **PROPOSED CASING PROGRAM**

Plain Casing
4 in. from 0 ft. to 30 ft.
_____ in. from _____ ft. to _____ ft.
Perforated casing
4 in. from 30 ft. to 40 ft.
_____ in. from _____ ft. to _____ ft.

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

To replace old well
5' East for New well
old well was
collapsed. old well
will be plugged by rules &
regs.

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

Owner(s): _____ No. of acres: _____

Legal description: _____

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

Domestic - Septic Tank / leech 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>Prairie Ditch</u>	<u>Irrigation</u>	<u>Same as above</u>

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

Broken Heart Land Co.
by Bonnie Jean Smith Sec. Treas.
SIGNATURE OF APPLICANT(S)