

COLORADO DIVISION OF WATER RESOURCES

1313 Sherman Street - Room 818
Denver, Colorado 80203

WELL COMPLETION AND PUMP INSTALLATION REPORT

PERMIT NUMBER 132450

RECEIVED

NOV 25 1983

WATER RESOURCES
STATE ENGINEER
BUREAUTHIS FORM MUST BE SUBMITTED
WITHIN 60 DAYS OF COMPLETION
OF THE WORK DESCRIBED HERE-
ON. TYPE OR PRINT IN BLACK
INK.

WELL OWNER Bill Farmer SW 1/4 of the SE 1/4 of Sec. 18
P.O. box 586
ADDRESS Divide, CO 80814 T. 12 S. R. 70 W. 6th P.M.
DATE COMPLETED September 26, 1983

HOLE DIAMETER

7 7/8 in. from 0 to 19 ft.6 in. from 19 to 203 ft. in. from to ft.DRILLING METHOD air percussionCASING RECORD: Plain CasingSize 6 5/8 kind steel from +1 to 19 ft.Size 4 & kind plastic from 13 to 93 ft.Size 4 & kind plastic from 193 to 203 ft.

Perforated Casing

Size 4 & kind plastic from 93 to 193 ft.Size & kind from to ft.Size & kind from to ft.

GROUTING RECORD

Material CementIntervals 0 - 19Placement Method PouredGRAVEL PACK: Size N/AInterval

TEST DATA

Date Tested September 26, 1983Static Water Level Prior to Test 85 ft.Type of Test Pump airLength of Test 2 hoursSustained Yield (Metered) 10 gpmFinal Pumping Water Level (0) bottom

WELL LOG

From	To	Type and Color of Material	Water Loc.
0	8	Decomposed Pink & Black Granite	
8	85	Solid Pink & Black Granite (trace)	85
85	203	Pink & Black Granite	115 135
TOTAL DEPTH <u>203 ft.</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 _____

WELL TEST DATA WITH PERMANENT PUMP

Date Tested _____

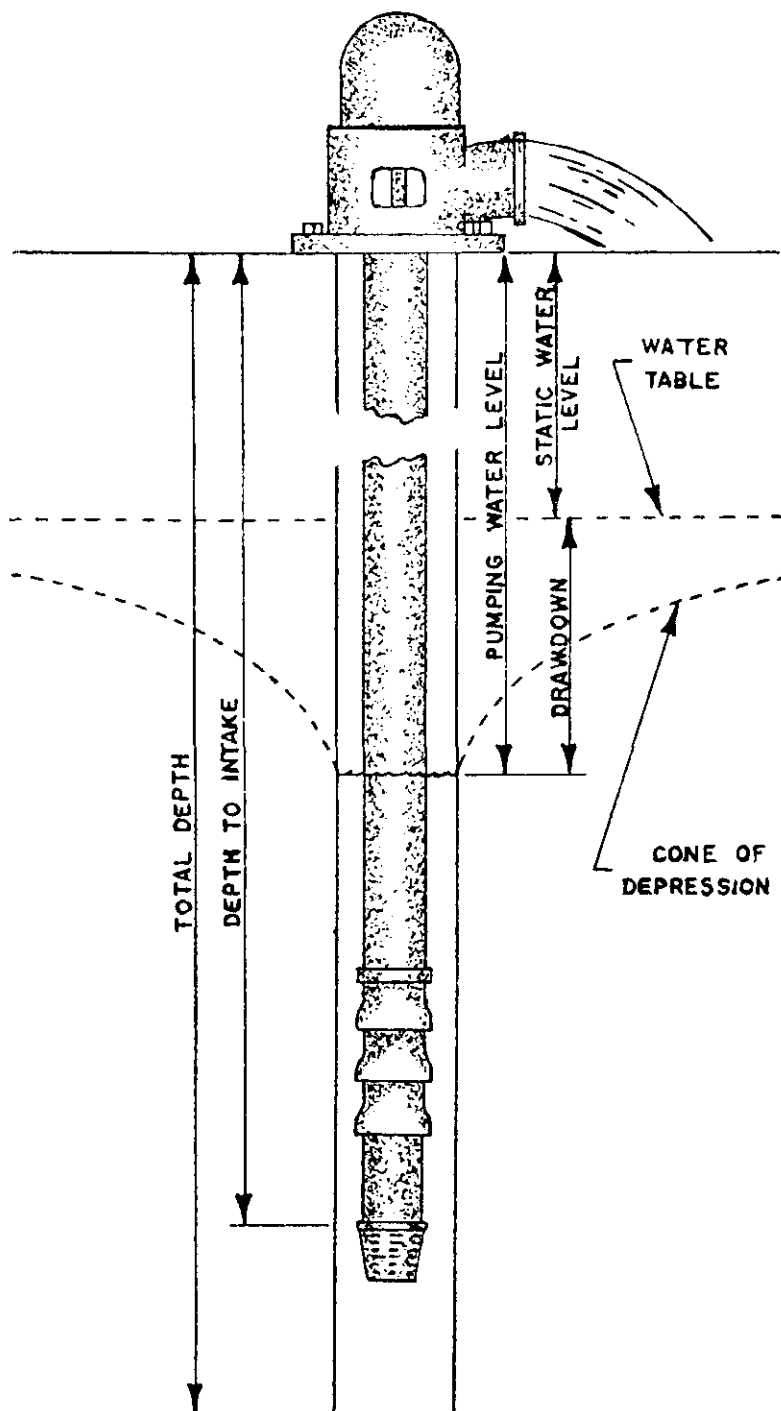
Static Water Level Prior to Test _____

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 *James M. Muller* License No. 891

State of Colorado, County of Teller SS

Subscribed and sworn to before me this 26 day of October, 19 83.

My Commission expires: July 25, 1984.

Notary Public *James M. Muller*

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.

1313 Sherman Street - Room 818
Denver, Colorado 80203

WELL COMPLETION AND PUMP INSTALLATION REPORT

PERMIT NUMBER 132450

RECEIVED
OCT 11 1983
WATER RESOURCES
STATE ENGINEER

WELL OWNER William Farmer

Box 586

ADDRESS Divide. CO 80814

SW 1/4 of the SE 1/4 of Sec. 18

T. 12 S R. 70 W 6th P.M.

DATE COMPLETED _____, 19____

HOLE DIAMETER

WELL LOG

From	To	Type and Color of Material	Water Loc.
		TOTAL DEPTH _____	

Use additional pages necessary to complete log.

Use additional pages necessary to complete log.

_____ in, from _____ to _____ ft.

in, from _____ to _____ ft.

_____ in, from _____ to _____ ft.

DRILLING METHOD

CASING RECORD: Plain Casing

Size _____ & kind _____ from _____ to _____ ft.

Size _____ & kind _____ from _____ to _____ ft.

Size _____ & kind _____ from _____ to _____ ft.

Perforated Casing

Size _____ & kind _____ from _____ to _____ ft.

Size _____ & kind _____ from _____ to _____ ft.

Size _____ & kind _____ from _____ to _____ ft.

GROUTING RECORD

Material _____

Intervals

Placement Method _____

GRAVEL PACK: Size _____

Interval _____

TEST DATA

Date Tested _____, 19____

Static Water Level Prior to Test _____ ft.

Type of Test Pump _____

Length of Test _____

Sustained Yield (Metered) _____

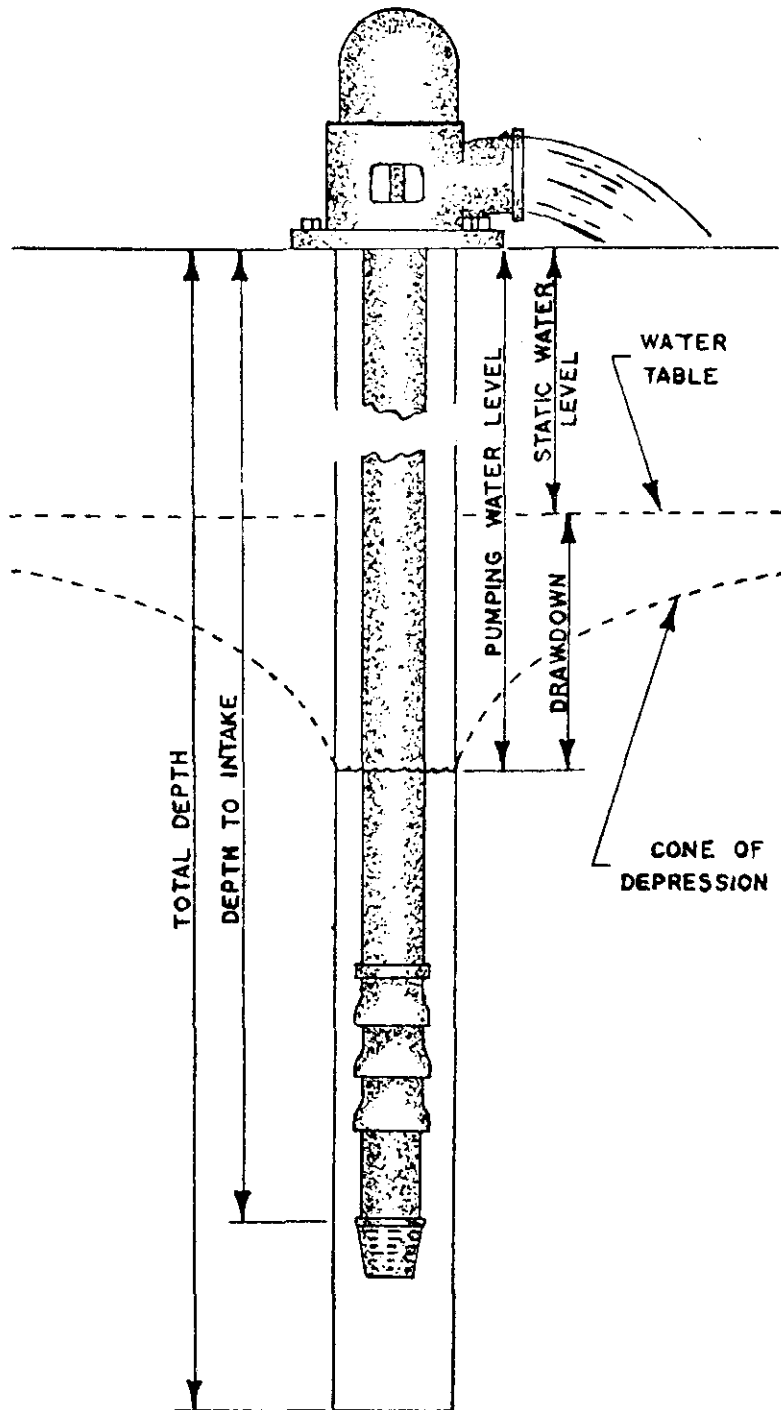
Final Pumping Water Level _____

PUMP INSTALLATION REPORT

Pump Make Sta-Rite
 Type Submersible
 Powered by 230 V HP 1/2
 Pump Serial No. 4P4C02S-15
 Motor Serial No. M4C02S-05
 Date Installed October 3, 1983
 Pump Intake Depth 190'
 Remarks _____

WELL TEST DATA WITH PERMANENT PUMP

Date Tested October 3, 1983
 Static Water Level Prior to Test 68'
 Length of Test 1 Hours
 Sustained yield (~~Maximum~~) 7 GPM
 Pumping Water Level 140'
 Remarks Well out produces pump



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. 1079

State of Colorado, County of Teller SS

Subscribed and sworn to before me this 6th day of October, 19 83.

My Commission expires: August 21, 19 85.

Notary Public [Signature]
P.O. Box 69, Woodland Park, CO 80863

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

RECEIVED

JUL 25 1983

**WATER RESOURCES
ENGINEER
ONLY**

PERMIT APPLICATION FORM

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

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

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

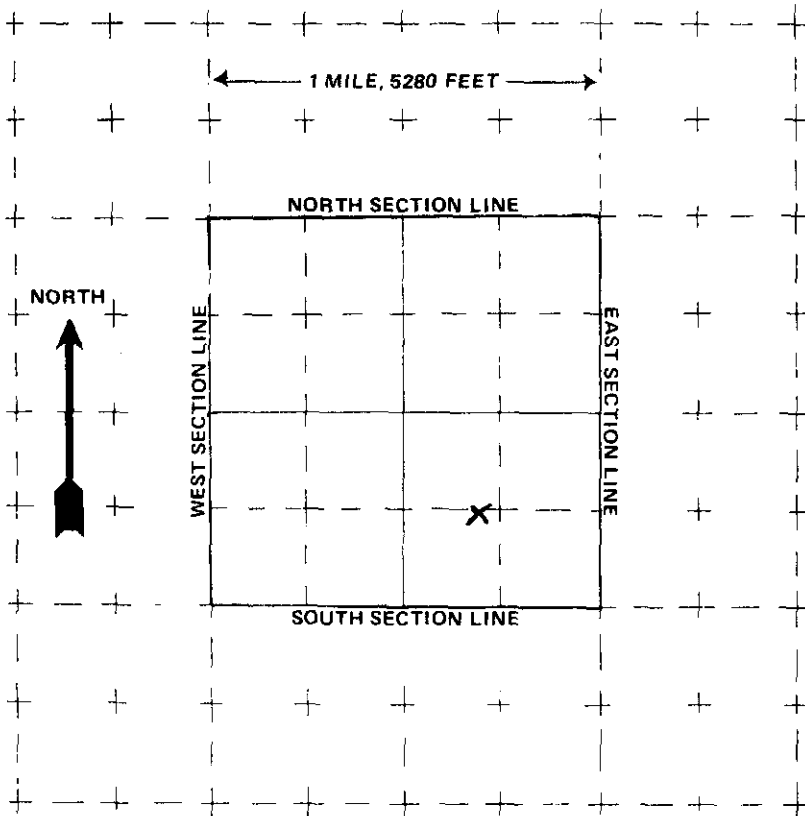
(1) APPLICANT - mailing address

NAME Bill Farmer
STREET Box 586
CITY Divide, Co. 80814
(State) (Zip)
TELEPHONE NO. 687 3763
3763

(2) LOCATION OF PROPOSED WELL

County LEWIS
SW ¼ of the SE ¼, Section 18
 Twp. 12 S, Rng. 70 W, 6TH P.M.
 (N.S) (E.W)

(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.

1300 ft. from SOUTH sec. line
(north or south)
1650 ft. from EAST sec. line
(east or west)

LOT 23 BLOCK _____ FILING # 7
SUBDIVISION IND CREEK

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

No. of acres 5 Will this be the only well on this tract? YES

(8) **PROPOSED CASING PROGRAM**

Plain Casing

6 5/8 in. from + 1 ft. to 20 ft.
4 in. from 10 ft. to 100 ft.

Perforated casing

4 in. from 100 ft. to 150 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): BILL FARMER No. of acres: 5
Legal description: SW 1/4 & SE 1/4 SEC. 18, TWP. 12S, Rng 70W, 6th P.M.

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

HOUSEHOLD USE County APPROVED
SEPTIC SYSTEM + LEACH FIELD

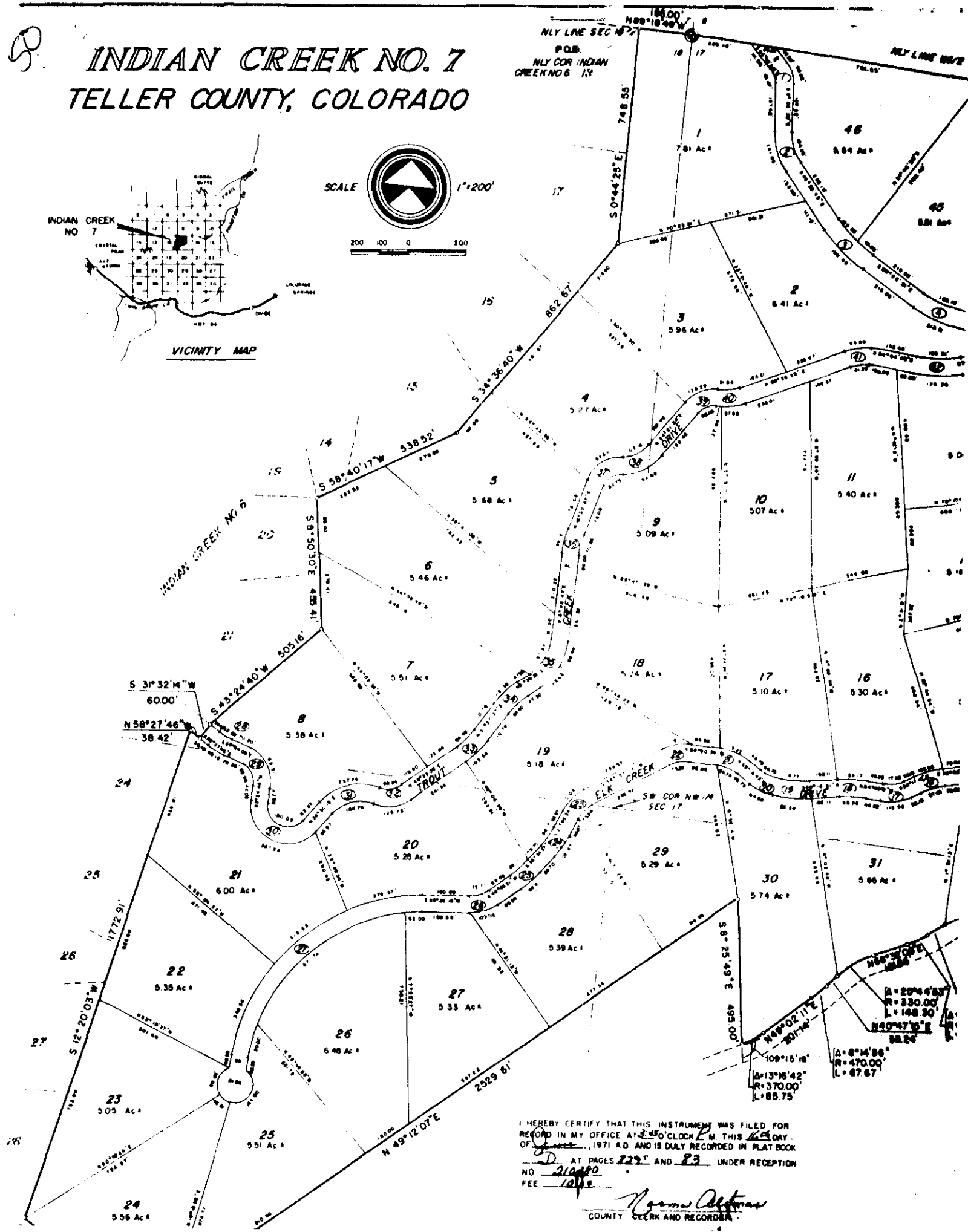
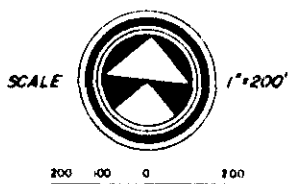
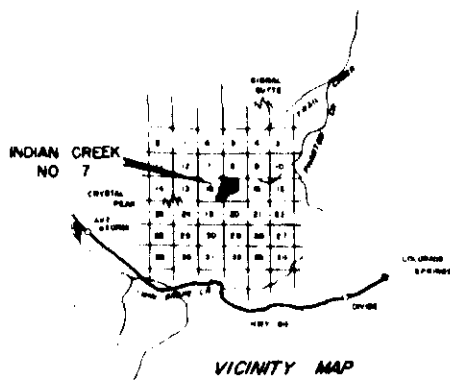
(12) **OTHER WATER RIGHTS** used on this land, including wells. Give Registration and Water Court Case Numbers.

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

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

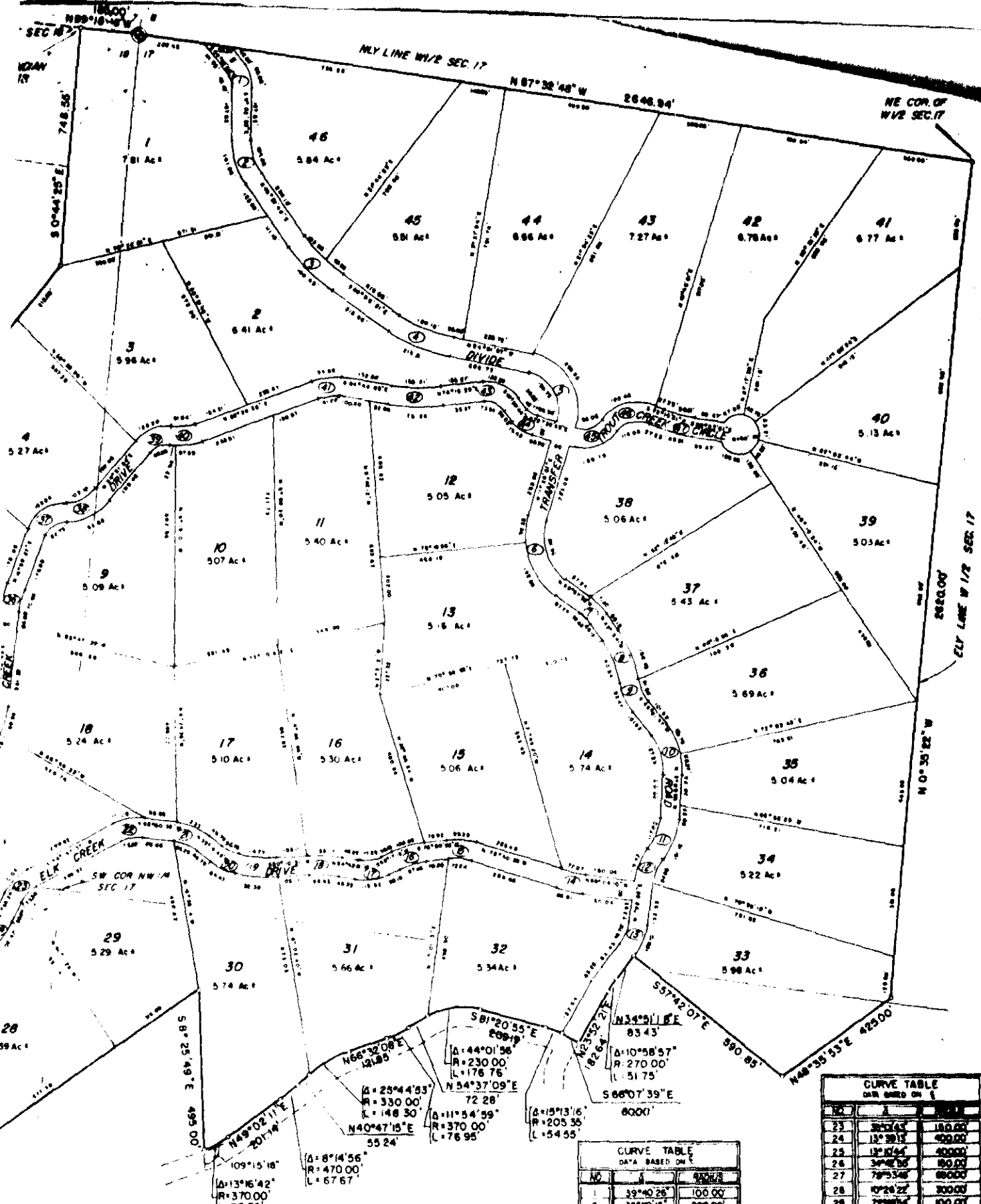
X Bill Farmer
SIGNATURE OF APPLICANT(S)

S.



I HEREBY CERTIFY THAT THIS INSTRUMENT WAS FILED FOR
RECORD IN MY OFFICE AT 3:40 O'CLOCK P. M. THIS 14 DAY
OF June, 1971 AD AND IS DULY RECORDED IN PLAT BOOK
D AT PAGES 229 AND 83 UNDER RECEPTION
NO 210490
FEE 10.00

Norma Adams
COUNTY CLERK AND RECORDER



I CERTIFY THAT THIS INSTRUMENT WAS FILED FOR
 IN MY OFFICE AT 4:00 O'CLOCK P.M. THIS 10th DAY
 OF MAY, 1971 AD AND IS DULY RECORDED IN PLAT BOOK
 AT PAGES 229 AND 83 UNDER RECEPTION
 1040

Norma Oltman
 COUNTY CLERK AND RECORDER

CURVE TABLE
 DATA BASED ON 1

NO.	ANGLE	CHORD
1	39° 40' 25"	100.00
2	35° 30' 15"	200.00
3	20° 36' 36"	500.00
4	23° 03' 38"	500.00
5	30° 21' 36"	100.00
6	71° 17' 57"	200.00
7	17° 44' 18"	200.00
8	2° 37' 31"	332.37
9	28° 28' 07"	100.00
10	47° 28' 48"	200.00
11	32° 36' 21"	278.78
12	28° 30' 22"	200.00
13	32° 36' 28"	100.00
14	9° 23' 44"	200.00
15	14° 28' 17"	200.00

CURVE TABLE
 DATA BASED ON 1

NO.	ANGLE	CHORD
23	38° 16' 43"	100.00
24	13° 39' 13"	400.00
25	13° 39' 13"	400.00
26	34° 42' 58"	100.00
27	78° 53' 48"	600.00
28	10° 26' 22"	200.00
29	74° 48' 54"	100.00
30	11° 28' 13"	100.00
31	68° 44' 08"	100.17
32	34° 31' 14"	100.00
33	17° 28' 42"	200.00
34	30° 01' 39"	200.00
35	30° 40' 48"	200.00
36	18° 02' 14"	200.00
37	87° 42' 08"	100.00
38	48° 12' 16"	100.11
39	64° 38' 40"	100.00
40	28° 38' 48"	200.00
41	21° 47' 25"	100.45
42	18° 07' 28"	200.00