

VE

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SEP 22 1981

COLORADO DIVISION OF WATER RESOURCES

818 Centennial Bldg., 1313 Sherman St.

Denver, Colorado 80203

WATER RESOURCES
STATE ENGINEER
AFFIDAVIT

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

STATE OF COLORADO

COUNTY OF Larimer

SS.

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

PERMIT NUMBER 121920

LOCATION OF WELL

THE AFFIANT(S) Jake Mill
whose mailing
address is 3221 E. Mulberry

County Larimer

City Ft. Collins, Colorado 80524
(STATE) (ZIP)

NE $\frac{1}{4}$ of the NW $\frac{1}{4}$ Section 16
Twp. 7 N Rng. 68 W 6 P.M.
(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 280 feet from the North section line and 1780 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 15 day of August, 1981; the maximum sustained pumping rate of the well is 25 gallons per minute, the pumping rate claimed hereby is 25 gallons per minute; the total depth of the well is 36 feet; the average annual amount of water to be diverted is 1 acre-feet; for which claim is hereby made for Domestic

purpose(s); the legal description of the land on which the water from this well is used is A part of the NE $\frac{1}{4}$ of the NW $\frac{1}{4}$ of Section 16, Twp 7N, Rng 68W, 6 PM of which Less than one

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) Jake Mill
Subscribed and sworn to before me on this 21st day of SEPT, 1981

My Commission expires: My Expired Exp. April 20, 2004
Udey Meyer
NOTARY PUBLIC

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

ACCEPTED

FOR OFFICE USE ONLY			
Court Case No.	_____		
Prior	Mo. _____	Day _____	Yr. _____
Div.	<u>1</u>	City	<u>35</u>
Sec.	_____	$\frac{1}{4}$	_____ $\frac{1}{4}$ _____ $\frac{1}{4}$
Well Use	<u>1</u>		
Dist.	<u>3</u>	Basin	_____ Man. Dis. _____

NOV 24 1981
DATE

Robert G. Longenbaugh
Assistant
STATE ENGINEER

[Signature]
BY

Well drilled by Lesh Drilling Inc. Lic. No. 21

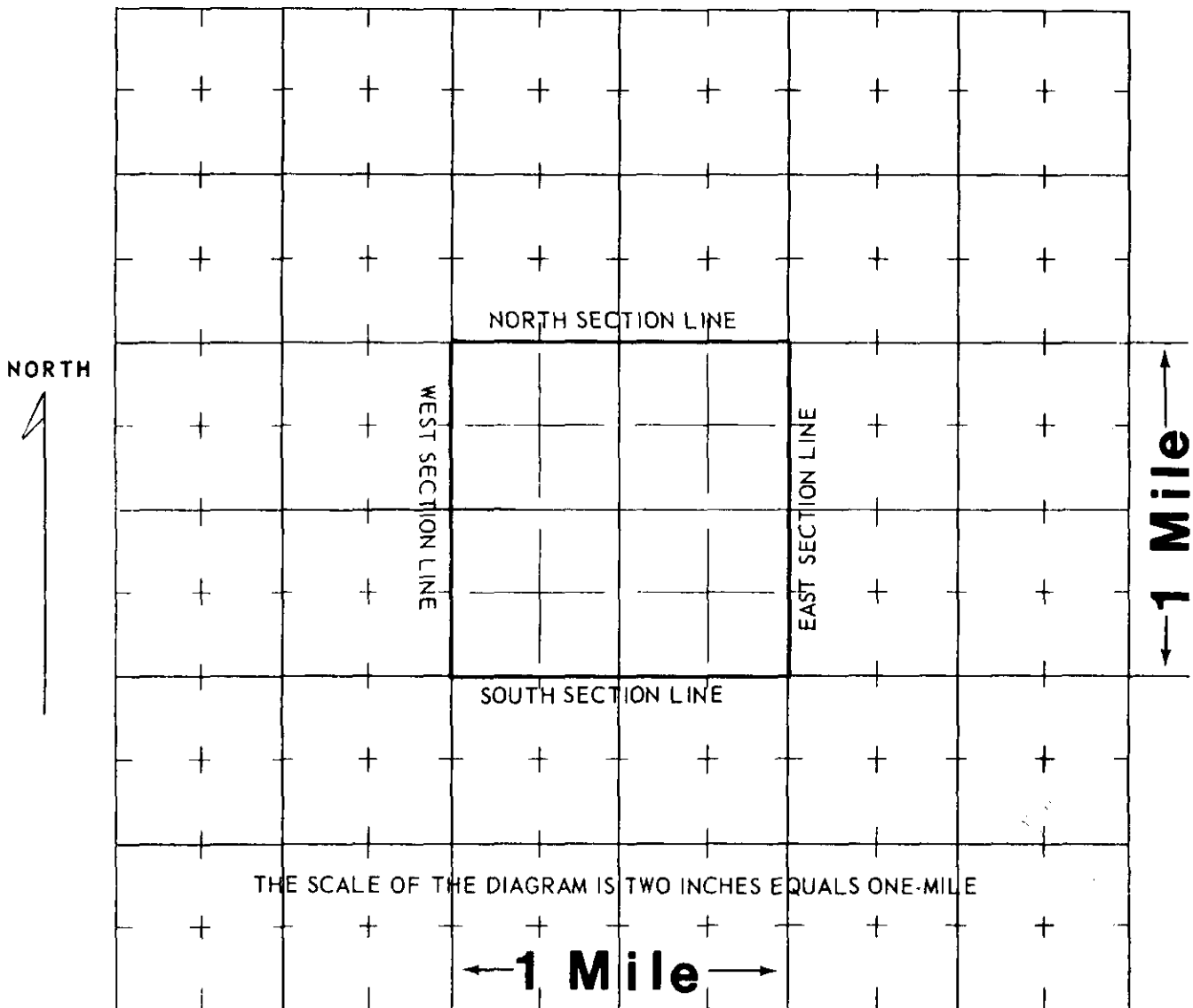
Permanent Pump installed by Lesh Drilling Inc. Lic. No. 21

Meter Serial No. _____ Flow Meter Date Installed _____

Owner of land on which water is being used Jake Mill

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)**

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COLORADO DIVISION OF WATER RESOURCES

1313 Sherman Street - Room 818
Denver, Colorado 80203

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SEP 25 1981

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 COMPLETION AND PUMP INSTALLATION REPORT

PERMIT NUMBER 121920-A

WELL OWNER Jake Mill

NE 1/4 of the NW 1/4 of Sec. 16

ADDRESS 3221 E. Mulberry-Ft. Collins, Colo.

T. 7 N. R. 68 T. 6 P.M.

DATE COMPLETED 8-13-81, 1981

HOLE DIAMETER

7-7/8 in. from 0 to 36 ft.

_____ in. from _____ to _____ ft.

_____ in. from _____ to _____ ft.

DRILLING METHOD Standard Rotary

CASING RECORD: Plain Casing

Size 5 & kind Plastic from 0 to 16 ft.

Size _____ & kind _____ from _____ to _____ ft.

Size _____ & kind _____ from _____ to _____ ft.

Perforated Casing

Size 5 & kind Plastic from 16 to 36 ft.

Size _____ & kind _____ from _____ to _____ ft.

Size _____ & kind _____ from _____ to _____ ft.

GROUTING RECORD

Material Cement

Intervals 0 - 10'

Placement Method Poured

GRAVEL PACK: Size 3/8"

Interval 10 - 36'

TEST DATA

Date Tested 8-13-81, 1981

Static Water Level Prior to Test 6 ft.

Type of Test Pump Baler

Length of Test 2 Hours

Sustained Yield (Metered) 25 GPM

Final Pumping Water Level 10'

WELL LOG

From	To	Type and Color of Material	Water Loc.
0	2	Top Soil	
2	10	Med. Loose Gravel	
10	25	Sm. Gravel w/Red Clay Mix	
25	32	Boulders & Gravel	
32	36	Shale	
TOTAL DEPTH <u>36'</u>			

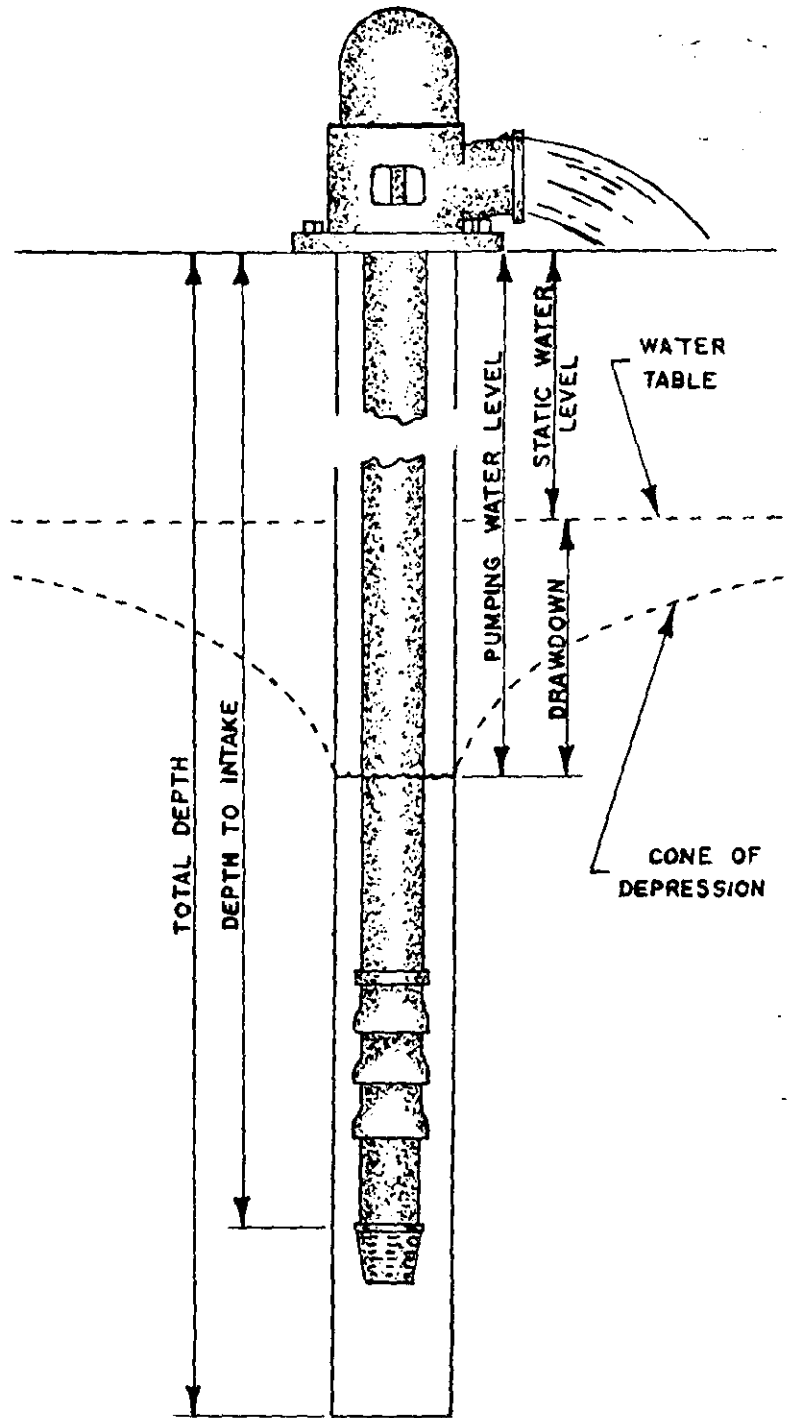
Use additional pages necessary to complete log.

PUMP INSTALLATION REPORT

Pump Make Red Jacket
 Type Shallow Well Jet
 Powered by Electric HP 3/4
 Pump Serial No. Unknown
 Motor Serial No. Unknown
 Date Installed 8-15-81
 Pump Intake Depth 30'
 Remarks _____

WELL TEST DATA WITH PERMANENT PUMP

Date Tested 8-15-81
 Static Water Level Prior to Test 6'
 Length of Test 4 Hours
 Sustained yield (Metered) 25 GPM
 Pumping Water Level 11'
 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 [Handwritten Signature] License No. 21

State of Colorado, County of Chula SS

Subscribed and sworn to before me this 24th day of September, 1981.

My Commission expires: My Commission Expires July 30, 1984

Notary Public [Handwritten Signature]

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

RECEIVED

JUL 27 1981

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
- (x) A PERMIT TO CONSTRUCT A WELL
- FOR: (x) A PERMIT TO INSTALL A PUMP

() REPLACEMENT FOR NO. Unregistered

() OTHER _____

WATER COURT CASE NO. None

(1) APPLICANT - mailing address

NAME Jake Mill

STREET 3221 E. Mulberry

CITY Ft. Collins, Colo. 80524
(State) (Zip)

TELEPHONE NO. 482-4969

(2) LOCATION OF PROPOSED WELL

County Larimer

NE $\frac{1}{4}$ of the NW $\frac{1}{4}$, Section 16

Twp. 7 N, Rng. 68 W, 6 P.M.
(N.S) (E.W)

(3) WATER USE AND WELL DATA

Proposed maximum pumping rate (gpm) 25

Average annual amount of ground water to be appropriated (acre-feet): 1

Number of acres to be irrigated: Less than one

Proposed total depth (feet): 35

Aquifer ground water is to be obtained from:
Alluvium

Owner's well designation Domestic

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 LESH DRILLING, INC.

Street Box 56

City Ault, Colo. 80610
(State) (Zip)

Telephone No. 834-2868 Lic. No. 21

FOR OFFICE USE ONLY: DO NOT WRITE IN THIS COLUMN

Receipt No. 17784

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. 121920

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. 121920 WAS PLUGGED AND ABANDONED.

THE MUNICIPAL OR COUNTY GOVERNMENT SHALL BE CONSULTED WHEN LOCATING THIS WELL, AND THEIR REGULATIONS SHALL BE COMPLIED WITH.

APPLICATION APPROVED

PERMIT NUMBER 121920-A

DATE ISSUED AUG 31 1981

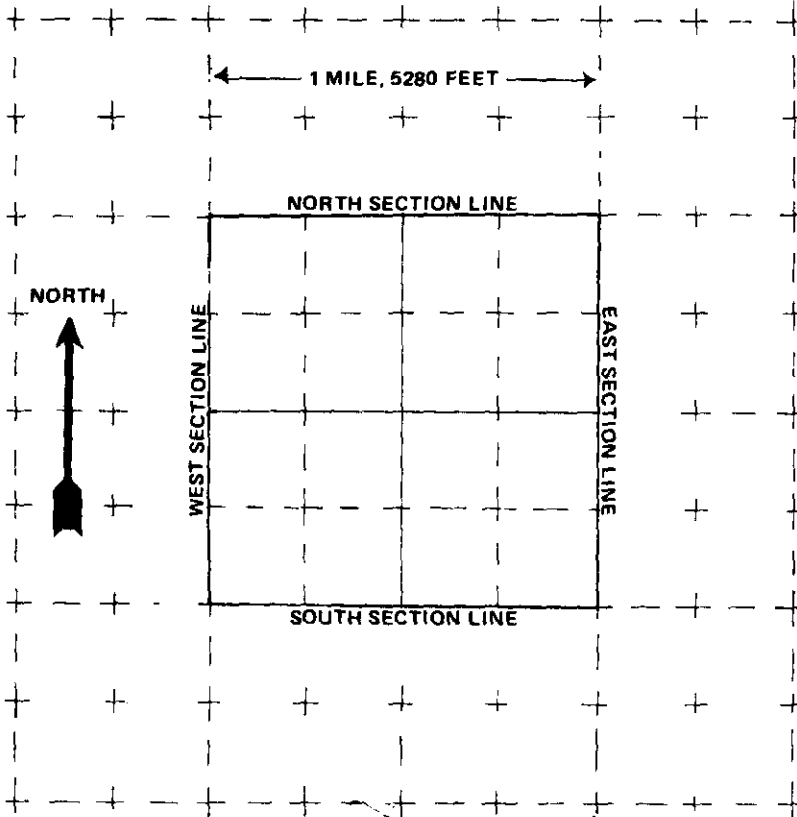
EXPIRATION DATE AUG 31 1983

Robert C. Longenbaugh
Assistant (STATE ENGINEER)

BY Dewayne R. Blum

I.D. 1-03 COUNTY 35

(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.

280 ft. from North sec. line
(north or south)

1780 ft. from West sec. line
(east or west)

LOT _____ BLOCK _____ FILING # _____

SUBDIVISION _____

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

No. of acres 1 Will this be the only well on this tract? Yes

(8) PROPOSED CASING PROGRAM

Plain Casing

5 in. from 0 ft. to 20 ft.

Perforated casing

5 in. from 20 ft. to 35 ft.

_____ in. from _____ ft. to _____ ft.

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

New well to be 15' North of the old well. Plugged and abandoned in accordance with the book of rules and regulations.

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

Owner(s): Jake Mill No. of acres: 1

Legal description: A part of the NE $\frac{1}{4}$ of the NW $\frac{1}{4}$ of Section 16, Twp 7N, Rng 68W, 6 PM

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

Domestic - An existing approved return type sewage disposal system will be used. (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
None		

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

Jake Mill
SIGNATURE OF APPLICANT(S)

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JUL 27 1981

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818 Centennial Bldg., 1313 Sherman St.

Denver, Colorado 80203

WATER RESOURCES
STATE ENGINEER
BOLO

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STATE OF COLORADO

COUNTY OF Larimer

SS.

AFFIDAVIT

STATEMENT OF BENEFICIAL USE OF GROUND WATER

AMENDMENT OF EXISTING RECORD

X LATE REGISTRATION

121920

PERMIT NUMBER Unregistered

LOCATION OF WELL

THE AFFIANT(S) Jake Mill

County Larimer

whose mailing address is 3221 E. Mulberry

NE 1/4 of the NW 1/4, Section 16

City Ft. Collins, Colo. 80524

Twp. 7 N, Rng. 68 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 265 feet from the North section line and 1780 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 Summer, 1956; the maximum sustained pumping rate of the well is 25 gallons per minute, the pumping rate claimed hereby is 25 gallons per minute; the total depth of the well is 25 feet; the average annual amount of water to be diverted is 1 acre-feet; for which claim is hereby made for Domestic

purpose(s); the legal description of the land on which the water from this well is used is

A part of the NE 1/4 of the NW 1/4 of Section 16, Twp 7N, Rng 68W, 6 PM of which Less than one

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) Jake Mill

147784

Subscribed and sworn to before me on this 21st day of July, 1981

My Commission expires: My Commission Expires July 30, 1984

Olga Burnham
NOTARY PUBLIC

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

FOR OFFICE USE ONLY	
Court Case No.	_____
Prior	_____ Mo. _____ Day _____ Yr. _____
Div.	<u>1</u> City <u>35</u>
Sec.	<u>16</u> 1/4 _____ 1/4 _____ 1/4 _____
Well Use	<u>1</u>
Dist.	<u>03</u> Basin _____ Mon. Dis _____
<u>OK for Sierras - well drilled 8-15-81</u>	

AUG 31 1981

DATE

Robert G. Langenbaugh
Assistant
STATE ENGINEER

Dewayne R. Schroeder
BY

Well drilled by Rudolph Lic. No. Unknown

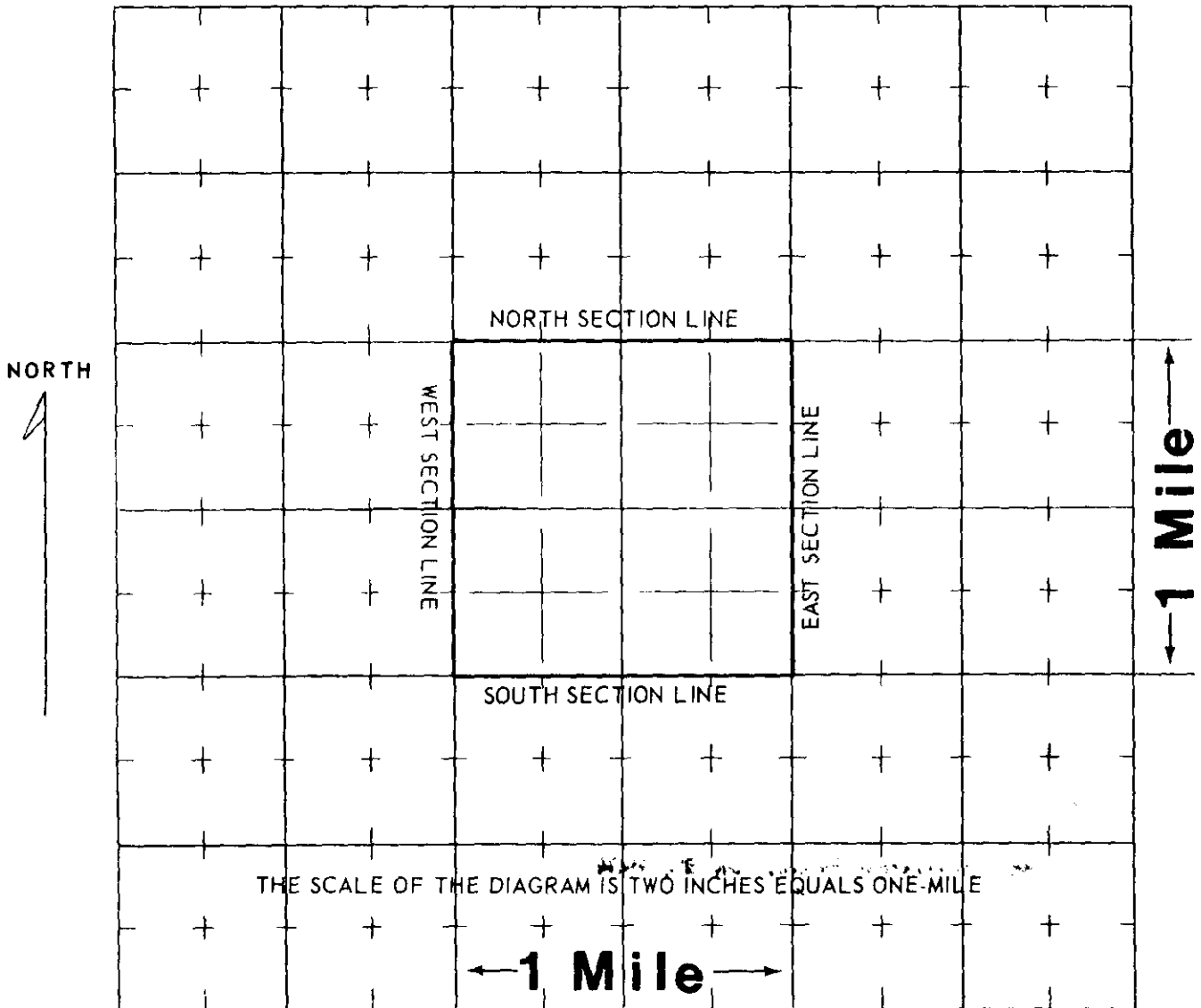
Permanent Pump installed by Unknown Lic. No. Unknown

Meter Serial No. _____ Flow Meter Date Installed _____

Owner of land on which water is being used Jake Mill

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.

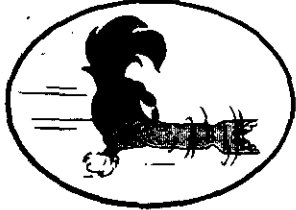
This diagram represents nine (9) sections. Use the **CENTER SQUARE** (one section) to indicate the location of the well, if possible.



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- 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)**



Lesh Drilling Co.

834-2868
113 South Hwy. 85
Ault, Colorado 80610
Fort Collins, Colo. 80521

RECEIVED

AUG 18 1981

WATER RESOURCES
STATE ENGINEER
COLO.

August 14, 1981

Reiner Haubold:
CDWR
1313 Sherman St.
Denver, Colo. 80203

RF
Dear Reiner:

Lesh Drilling Inc. drilled a well for Jake Mill on 8-13-81. Before drilling we contacted the Division of Water Resources and presented Mr. Mill's problem to Bruce DeBrine. He was to contact you about a special. In not hearing from your office we drilled the well under the emergency clause outlined in the Rules & Regulations - Section 3, (5).

The emergency at hand was presented by Mr. Mill in our office on 8-12-81 when he explained that his grass and plants were burning up.

The well in question is located in the NE $\frac{1}{4}$ of the NW $\frac{1}{4}$ of Section 16, Twp 7N, Rng 68W, 6 PM.

Application was made on 7-23-81 and special was requested on 8-12-81.

Sincerely,

Ed Lesh Jr.