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3-16-78

COLORADO DIVISION OF WATER RESOURCES

1313 Sherman Street - Room 818
Denver, Colorado 80203

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JUL 29 1980

WATER RESOURCES
STATE ENGINEER
D.O.D.

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 97442-A

WELL OWNER Charles J. Miller SW ¼ of the SE ¼ of Sec. 19

ADDRESS 300 E. Harmony Rd. # 68-Ft. Collins, Co. T. 7 N , R. 61 W , 6 P.M.

DATE COMPLETED 5-31-80 , 19 HOLE DIAMETER

7-7/8 in. from 0 to 303 ft.

WELL LOG

From	To	Type and Color of Material	Water Loc.
0	5	Clay & Surface	
5	9	Weathered Shale	
9	14	Oily Shale w/Specks of Coal	
14	17	Hard Blue Shale	
17	35	Weathered Shale w/Brown Sand	
35	38	Blue Shale	
38	42	Oily Shale w/Coal Streak	
42	54	Soft, Brown Sandstone	
54	55	Oily Shale	
55	62	Sandstone	
62	63	Oily Shale	
63	70	Sand	
70	81	Sandy Blue Sandstone	
81	87	Soft, Blue Sandstone	
87	118	Shale w/Sticky Wht. Sand Streak	
118	125	Soft, Gray Sandstone	
125	151	Shale	
151	174	Firm, Gray Sandw/Shale Streak	
174	174.5	Hard Gray Rock	
174.5	183	Gray Sandstone	
183	184	Oily Shale	
184	197	Gray Sandstone w/Coal Streak	
197	223	Oily Shale w/Gray Sandstone	
223	257	Shale w/Sandstone Streaks	
257	276	Med. to Hard Sandstone	
276	303	Med. to Hard Gray Sandstone w/ Hard Sticky Shale	

TOTAL DEPTH 303'

Use additional pages necessary to complete log.

_____ in. from _____ to _____ ft.

_____ in. from _____ to _____ ft.

DRILLING METHOD Standard Rotary

CASING RECORD: Plain Casing

Size 5 & kind Plastic from 0 to 193 ft.
5 Plastic 213 233

Size 5 & kind Plastic from 253 to 273 ft.

Size 5 & kind Plastic from 293 to 303 ft.

Perforated Casing

Size 5 & kind Plastic from 193 to 213 ft.

Size 5 & kind Plastic from 233 to 253 ft.

Size 5 & kind Plastic from 273 to 293 ft.

GROUTING RECORD

Material Cement

Intervals 0 - 20' & 151 - 167'

Placement Method Poured & Pumped

GRAVEL PACK: Size 3/8"

Interval 20 - 151 & 167 - 303'

TEST DATA

Date Tested 5-31-80 , 19

Static Water Level Prior to Test Unknown ft.

Type of Test Pump Baler

Length of Test 2 Hours

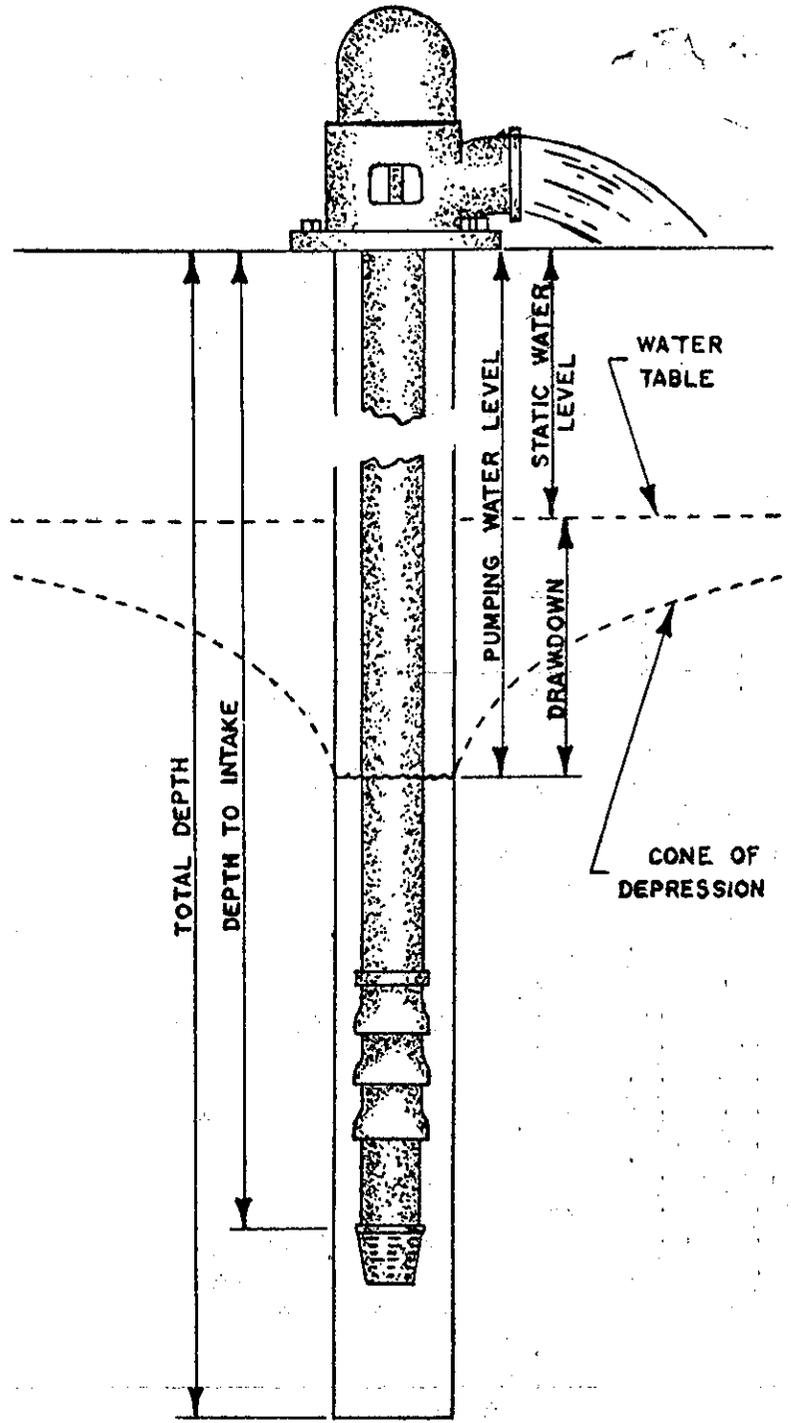
Sustained Yield (Metered) 10 GPM

Final Pumping Water Level 128'

PUMP INSTALLATION REPORT

Pump Make Unknown
 Type _____
 Powered by _____ HP _____
 Pump Serial No. _____
 Motor Serial No. _____
 Date Installed _____
 Pump Intake Depth _____
 Remarks Pump to be installed later

WELL TEST DATA WITH PERMANENT PUMP
 Date Tested Pump to be installed later
 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 [Handwritten Signature] License No. 21

State of Colorado, County of Weld SS

Subscribed and sworn to before me this 27th day of July, 1980.

My Commission expires: My commission expires July 29, 1980.

Notary Public Alita Burnham

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

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
- (x) REPLACEMENT FOR NO. Unregistered
- () OTHER _____
- WATER COURT CASE NO. _____

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X
S-O

(1) APPLICANT - mailing address

NAME Charles J. & Roberta Jean Miller

STREET 300 E. Harmony Road # 68

CITY Ft. Collins, Colorado 80521
(State) (Zip)

TELEPHONE NO. 226-0659

(2) LOCATION OF PROPOSED WELL

County Weld

SW ¼ of the SE ¼, Section 19

Twp. 7 N, Rng. 61 W, 6 P.M.
(N,S) (E,W)

(3) WATER USE AND WELL DATA

Proposed maximum pumping rate (gpm) 50

Average-annual amount of ground water to be appropriated (acre-feet): 2

Number of acres to be irrigated: Less than one

Proposed total depth (feet): 350

Aquifer ground water is to be obtained from:

Larimie Shale

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, Colorado 80610
(State) (Zip)

Telephone No. 834-2868 Lic. No. 21

FOR OFFICE USE ONLY: DO NOT WRITE IN THIS COLUMN/locok

Receipt No. 90918 ^{AR} / _____

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. 97442. 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. 97442 WAS PLUGGED AND ABANDONED.

PERMIT EXPIRATION DATE EXTENDED TO:
APRIL 10, 1981 In 2 May '80

APPLICATION APPROVED

PERMIT NUMBER 97442-A

DATE ISSUED APR 10 1978

EXPIRATION DATE APR 10 1980

Bruce E. DeBine
DEPUTY (STATE ENGINEER)

BY [Signature]

I.D. 1-01 COUNTY 62