

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

2 21 78
 RECEIVED
 JAN 0 1978
 WATER RESOURCES
 STATE OF COLORADO

WELL COMPLETION AND PUMP INSTALLATION REPORT

PERMIT NUMBER 109029-A

WELL OWNER Western Museum of Mining & Industry NW 1/4 of the NW 1/4 of Sec. 7
1025 Northgate Rd.

ADDRESS Colorado Springs, Colo. 80908 T. 12 S. R. 66 W. 6th P.M.

DATE COMPLETED October 2, 1978

HOLE DIAMETER

10 in. from 0 to 45 ft.

7 in. from 45 to 200 ft.

in. from to ft.

DRILLING METHOD Cable tool

CASING RECORD: Plain Casing

Size 3" & kind steel from 0 to 48 ft.

Size 5" & kind PVC from 30 to 100 ft.

Size 5" & kind PVC from 190 to 200 ft.

Perforated Casing

Size 5" & kind PVC from 100 to 190 ft.

Size & kind from to ft.

Size & kind from to ft.

GROUTING RECORD

Material Cement

Intervals 6-47 ft.

Placement Method poured from the top.

GRAVEL PACK: Size none

Interval

TEST DATA

Date Tested October 8, 1978

Static Water Level Prior to Test 50 ft.

Type of Test Pump Submersible

Length of Test two hours

Sustained Yield (Metered) 30 gpm

Final Pumping Water Level 125 ft.

WELL LOG

From	To	Type and Color of Material	Water Loc.
0	1	top soil	
1	45	sand & clay in layers with water	
45	100	hardpacked sand & clay	
100	200	sandstone & clay in layers x	
TOTAL DEPTH <u>200 ft.</u>			

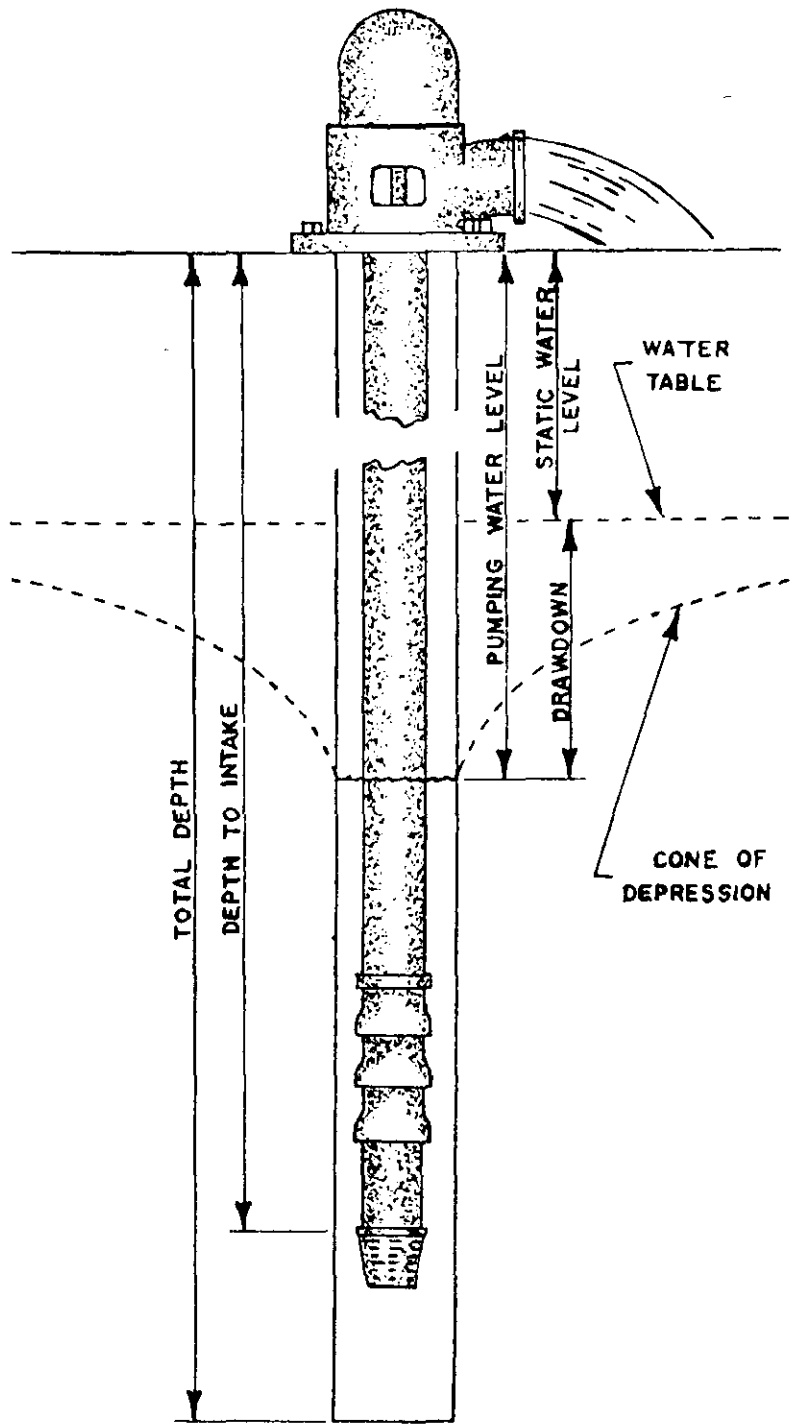
Use additional pages necessary to complete log.

PUMP INSTALLATION REPORT

Pump Make Sta-Rite
 Type Submersible
 Powered by Electricity HP 2
 Pump Serial No. 20P4
 Motor Serial No. G02S
 Date Installed October 8, 1978
 Pump Intake Depth 185 ft.
 Remarks _____

WELL TEST DATA WITH PERMANENT PUMP

Date Tested October 8, 1978
 Static Water Level Prior to Test 50 ft.
 Length of Test two Hours
 Sustained yield (Metered) 30 GPM
 Pumping Water Level 125 ft.
 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 *Stal E. Hardy* License No. 150
 State of Colorado, County of *El Paso* SS
 Subscribed and sworn to before me this 7 day of *Jan*, 1980.
 My Commission expires: *10-12*, 1981.
 Notary Public *Arnie Barrett*

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

RECEIVED

RECEIVED
A 1002
SEP 29 1978

PERMIT APPLICATION FORM

OCT 11 1978

WATER RESOURCES
STATE ENGINEER
C.O.D.

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

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

REPLACEMENT FOR NO. UnRegistered

OTHER _____
WATER COURT CASE NO. _____

(1) APPLICANT - mailing address

NAME Western Museum of Mining & Industry
 STREET 1025 Northgate Rd.
 CITY Colorado Springs, Colorado 80908
(State) (Zip)
 TELEPHONE NO 495-2182

(2) LOCATION OF PROPOSED WELL

County El Paso
 _____ NW ¼ of the _____ NW ¼, Section 7
 Twp. 12 S, Rng. 66 W 6th 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: none
 Proposed total depth (feet): 200 ft.
 Aquifer ground water is to be obtained from:
Dawson
 Owner's well designation Not Only well

GROUND WATER TO BE USED FOR:

- HOUSEHOLD USE ONLY - no irrigation (0)
- DOMESTIC (1)
- LIVESTOCK (2)
- COMMERCIAL (4)
- OTHER (9)
- INDUSTRIAL (5)
- IRRIGATION (6)
- MUNICIPAL (8)

DETAIL THE USE ON BACK IN (11)

(4) DRILLER

Name W.V. Harding & Sons
 Street 1409 Bates Dr.
 City Colorado Springs, Colorado 80909
(State) (Zip)
 Telephone No 633-9775 Lic. No. 150

FOR OFFICE USE ONLY: DO NOT WRITE IN THIS COLUMN

Receipt No. 99064
 Basin _____ Dist. _____

CONDITIONS OF APPROVAL

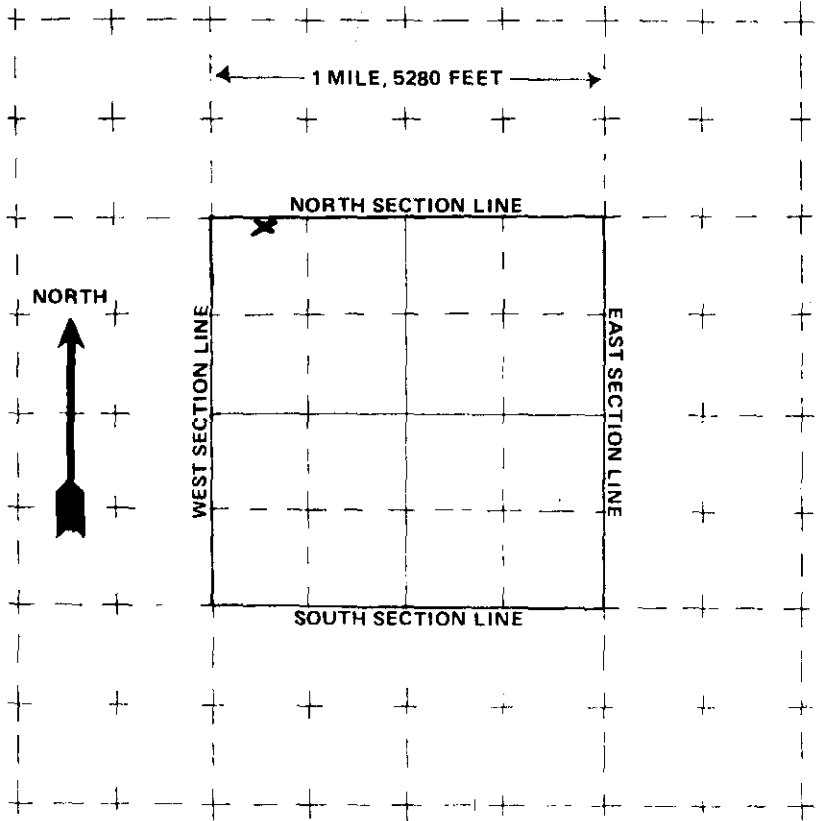
This well shall be used in such a way as to cause no material injury to existing water rights. The issuance of the permit does not assure the applicant that no injury will occur to another vested water right or preclude another owner of a vested water right from seeking relief in a civil court action.

APPROVED AS A REPLACEMENT FOR WELL NO. 109029
 FOR DOMESTIC USE, INCLUDING THE IRRIGATION OF NOT OVER ONE ACRE OF LAWNS AND GARDENS AND FOR DRINKING AND SANITARY FACILITIES IN A MUSEUM. 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. 109029 WAS PLUGGED AND ABANDONED.

APPLICATION APPROVED

PERMIT NUMBER 109029 - A
 DATE ISSUED JUL 27 1979
 EXPIRATION DATE JUL 27 1981
Bruce E. McBride
(STATE ENGINEER)
 BY DeWayne R. Schowen
DEPUTY
 I.D. 2-10 COUNTY 21

(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.

03422

(6) **THE WELL MUST BE LOCATED BELOW** by distances from section lines.

150 ft. from north sec. line
(north or south)

725 ft. from west sec. line
(east or west)

LOT _____ BLOCK _____ FILING # _____

SUBDIVISION _____

(7) **TRACT ON WHICH WELL WILL BE LOCATED** Owner: Western Museum of Mining & Industry No. of acres 70. Will this be the only well on this tract? No

(8) **PROPOSED CASING PROGRAM**

Plain Casing

5 in. from 0 ft. to 150 ft.

_____ in. from _____ ft. to _____ ft.

Perforated casing

5 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:

100 ft. Northwest of old well.

Old Well to be filled & plugged

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

Owner(s): Western Museum of Mining & Industry No. of acres: 70

Legal description: NW 1/4 NW 1/4 Sec 7 T 12 S R 66 W 6th PM

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

Water to be used for Domestic purposes, a replacement of Farm Well.

Septic System meets County specifications, WATER WILL ALSO BE USED

FOR A SMALL MUSEUM RESTROOM AND FOR RIVER PROTECTION FOR THE FARMHOUSE, BARN, MUSEUM BLDG

(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>none</u>		

none

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

Fred M. Fano, Chairman
SIGNATURE OF APPLICANT(S)

SUPPLEMENTAL INFORMATION

Div II

Initial Permit No.	REQUEST FOR VERBAL APPROVAL		Date verbal approval given: 9-25-78
Final Permit No.	Driller TRUD HARDING		Location County: EL PASO
Owner WESTERN MUSEUM OF MINING & IND.	Lic. No.	Phone	Sec. 7 Twp. 12S Rng. 66W
Address:	New <input type="checkbox"/> Repl. <input checked="" type="checkbox"/> DOM		NW 1/4 NW 1/4
Phone	Alt. Pt. Div. <input type="checkbox"/> T.H. <input type="checkbox"/>		Distances from Sec. Lines
Approved Yes <input type="checkbox"/> No <input type="checkbox"/>	Proposed Depth:		Casing: Plain: _____
By:	Date of Construction		Perf: _____
ID _____	County _____	Subdivision _____	

Date	Initial	Contact and Number	REMARKS
			LR & REPL. at well house they have rented
			0-9-29-78
		Raymond	* AR 10-11-78
			0-11-3-78
			0-11-3-78
			0-12-1-78
			0-12-25-78
			0-1-8-79
		Checked w/ DeWayne	0-1-13-79
		1-30-79	0-3-14-79
			* 0-4-14-79
			AR-10-11-78
			0-4-28-79
			0-5-30-79
			0-6-22-79
		Checked w/ DeWayne	0-7-7-79
		7-3-79	0-7-24-79

PER # 108029-A ISS. 7-27-79