

FORM NO.
GWS-32
11/90

PUMP INSTALLATION AND TEST REPORT
STATE OF COLORADO, OFFICE OF THE STATE ENGINEER

For Office Use only

RECEIVED

MAR 06 '95

**WATER RESOURCES
STATE ENGINEER
COLD**

1. WELL PERMIT NUMBER 173909

2. OWNER NAME(S) Kamil B Tazi
Mailing Address 1530 S Quebec Way #25
City, St. Zip Denver, Co 80231
Phone (303) 696-7017

3. WELL LOCATION AS DRILLED: SW 1/4 SW 1/4, Sec. 20 Twp. 8 S, Range 67 W 6th
DISTANCES FROM SEC. LINES:
1140 ft. from South Sec. line. and 400 ft. from West Sec. line.
(north or south) (east or west)
SUBDIVISION: Castle Mesa West LOT 7 BLOCK _____ FILING(UNIT) _____
STREET ADDRESS AT WELL LOCATION: _____

4. PUMP DATA: Type Sub. Installation Completed 2-6-95
Pump Manufacturer Goulds Pump Model No. 7GS20
Design GPM 7 at RPM 3450, HP 2, Volts 230, Full Load Amps 13.2
Pump Intake Depth 525 Feet, Drop/Column Pipe Size 1 1/4 Inches, Kind PVC

ADDITIONAL INFORMATION FOR PUMPS GREATER THAN 50 GPM:

TURBINE DRIVER TYPE: ☐ Electric ☐ Engine ☐ Other _____
Design Head _____ feet, Number of Stages _____, Shaft size _____ inches.

5. **OTHER EQUIPMENT:**

Airline Installed ☐ Yes ☐ No, Orifice Depth ft. _____, Monitor Tube Installed ☐ Yes ☐ No, Depth ft. _____
Flow Meter Mfg. _____ Meter Serial No. _____
Meter Readout ☐ Gallons, ☐ Thousand Gallons, ☐ Acre feet, ☐ Beginning Reading _____

6. **TEST DATA:** ☐ Check box if Test data is submitted on Supplemental Form.

Total Well Depth 630 Date 2-6-95
Static Level 334 Time 4:45
Date Measured 2-6-95 Rate (GPM) _____
Pumping Lvl. no elect.

7. **DISINFECTION:** Type HTH Amt. Used 2 cups

8. Water Quality analysis available. ☐ Yes ☐ No

9. Remarks No electric

10. I have read the statements made herein and know the contents thereof, and that they are true to my knowledge.
[Pursuant to Section 24-4-104 (13)(a) C.R.S., the making of false statements herein constitutes perjury in the second degree and is punishable as a class 1 misdemeanor.]

CONTRACTOR Reaksecker Well Drilling Phone (303) 688-9668 Lic. No. 425
Mailing Address 4066 N. State Hwy 67, Sedalia, Co 80135

Name/Title (Please type or print)

Owner

Signature

Earl F Reaksecker

Date

3/2/95

FORM NO.
GWS-31
11/90

WELL CONSTRUCTION AND TEST REPORT
STATE OF COLORADO, OFFICE OF THE STATE ENGINEER

RECEIVED

JUL 13 '94

WATER RESOURCES
STATE ENGINEER
COLORADO

1. WELL PERMIT NUMBER 173909

2. OWNER NAME(S) Kamil B Tazi
Mailing Address 1530 S Quebec Way #25
City, St. Zip Denver CO 80231
Phone (303) 696-7017

3. WELL LOCATION AS DRILLED: SW 1/4 SW 1/4, Sec. 20 Twp. 8 S, Range 67 W
DISTANCES FROM SEC. LINES:
1140 ft. from South Sec. line. and 400 ft. from West Sec. line. OR
(north or south) (east or west)
SUBDIVISION: Castle Mesa West LOT 7 BLOCK FILING(UNIT)
STREET ADDRESS AT WELL LOCATION:

4. GROUND SURFACE ELEVATION ft. DRILLING METHOD Air Rotary
DATE COMPLETED 6/20/94 TOTAL DEPTH 630 ft. DEPTH COMPLETED 630 ft.

5. GEOLOGIC LOG:

Depth	Description of Material (Type, Size, Color, Water Location)
0-3	Top
3-8	Clay
8-27	Shale Brown
27-82	Shale
82-174	Sand
174-180	Shale Yellow
180-271	Sand Shale
271-295	Sand
295-298	Shale Red
298-324	Sand
324-346	Shale Sand
346-630	Sand

6. HOLE DIAM. (in.)	From (ft)	To (ft)
9	0	21
6	21	630

7. PLAIN CASING

OD (in)	Kind	Wall Size	From(ft)	To(ft)
6 5/8	Steel	188	0	21
4 1/2	PVC	204	10	470

PERF. CASING: Screen Slot Size:

4 1/2	PVC	204	470	630
-------	-----	-----	-----	-----

8. FILTER PACK:

Material Gravel
Size 1/8X 1/4
Interval 470-630

9. PACKER PLACEMENT:

Type
Depth

10. GROUTING RECORD:

Material	Amount	Density	Interval	Placement
Cement	2 Sacks	14.5	5-21	Pumped
Bentonite	3 sacks	9.4	470-470	pumped

11. DISINFECTION: Type HTH Amt. Used 2 Cups

12. WELL TEST DATA: ☐ Check box if Test Data is submitted on Supplemental Form.

TESTING METHOD Air Lift

Static Level 300 ft. Date/Time measured 6/20/94 4:05, Production Rate 50 gpm.

Pumping level 630 ft. Date/Time measured 6/20/94, Test length (hrs.) 2

Remarks

13. I have read the statements made herein and know the contents thereof, and that they are true to my knowledge. [Pursuant to Section 24-4-104 (13)(a) C.R.S., the making of false statements herein constitutes perjury in the second degree and is punishable as a class 1 misdemeanor.]

CONTRACTOR Reaksecker Well Drilling Phone (303) 688-9668 Lic. No. 425
Mailing Address 4066 n. State Hwy. 67 Sedalia CO 80135

Name/Title (Please type or print)

Signature

Date

Owner

Earl P. Reaksecker

6/27/94

OFFICE OF THE STATE ENGINEER
COLORADO DIVISION OF WATER RESOURCES

818 Centennial Bldg., 1313 Sherman St., Denver, Colorado 80203
(303) 866-3581

LIC

APPLICANT

WELL PERMIT NUMBER **173909**

DIV. 1 CNTY. 18 WD 8 DES. BASIN MD

Lot: 7 Block: Filing: Subdiv: CASTLE MESA WEST

APPROVED WELL LOCATION
DOUGLAS COUNTY

SW 1/4 SW 1/4 Section 20
Twp 8 S RANGE 67 W 6th P.M.

DISTANCES FROM SECTION LINES

1140 Ft. from South Section Line
400 Ft. from West Section Line

KAMIL B TAZI
1530 S QUEBEC WAY #25
DENVER CO 80231

(303) 696-7017

PERMIT TO CONSTRUCT A WELL

ISSUANCE OF THIS PERMIT DOES NOT CONFER A WATER RIGHT
CONDITIONS OF APPROVAL

- 1) 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.
- 2) The construction of this well shall be in compliance with the Water Well Construction and Pump Installation Rules 2 CCR 402-2, unless approval of a variance has been granted by the State Board of Examiners of Water Well Construction and Pump Installation Contractors in accordance with Rule 17.
- 3) Approved pursuant to CRS 37-92-602(3)(b)(I) and policy of the State Engineer under the following conditions.
- 4) The use of ground water from this well is limited to ordinary household purposes inside one single family dwelling, the watering of domestic animals, and the irrigation of not more than 43,560 square feet of home gardens and lawns.
- 5) Production from this well is restricted to the Denver aquifer which corresponds to the interval between 285 feet and 1145 feet below ground surface. Plain casing shall be installed and sealed to prevent production from other zones.
- 6) The maximum pumping rate shall not exceed 15 GPM.
- 7) The annual amount of ground water to be withdrawn shall not exceed 2.53 acre-feet.
- 8) The return flow from the use of the well must be through an individual waste water disposal system of the type so that not less than 4% of the total amount of water withdrawn is returned to the same stream system in which the well is located.
- 9) This well shall be constructed not more than 200 feet from the location specified on this permit.

Note: To insure a maximum productive life of this well, perforated casing should be set through the entire producing interval of the approved zone or aquifer indicated above. *10/21/93*

APPROVED
DWR

Hal D. Simpson
State Engineer

Receipt No. 0360598

DATE ISSUED OCT 22 1993

By *John W. Dilsady*

EXPIRATION DATE OCT 22 1995

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

RECEIVED

SEP 24 '93

51-E

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. _____

() OTHER _____

WATER COURT CASE NO. _____

WATER RESOURCES
 STATE ENGINEER
 COLO.

173909

16500'

CHEQUE

69-24-93CL-40598

(1) APPLICANT - mailing addressNAME KAMIL B. TAZISTREET 1530 S. QUEBEC WAY # 25CITY DENVER CO. CO. 80231
(State) (Zip)TELEPHONE NO. (303) 696-7017**(2) LOCATION OF PROPOSED WELL**County DouglasSW 1/4 of the SW 1/4, Section 20Twp. 8 S, Rng. 67 W, _____ P.M.
(N.S) (E.W)**(3) WATER USE AND WELL DATA**Proposed maximum pumping rate (gpm) 15Average annual amount of ground water to be appropriated (acre-feet): 1 To 3Number of acres to be irrigated: 1Proposed total depth (feet): 500

Aquifer ground water is to be obtained from:

DENVER

Owner's well designation _____

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) DRILLERName LINCENSED

Street _____

City _____ (State) (Zip)

Telephone No. _____ Lic. No. _____

FOR OFFICE USE ONLY: DO NOT WRITE IN THIS COLUMN

Receipt No. 360598 / No 585 dan
Distances OK -
Plotted. Plat Dist. _____

Basin _____

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.

- HU, down, and's, of 43,500 ft 1rr

- 2.53 AF/yr

Best Copy Available**APPLICATION APPROVED**

PERMIT NUMBER _____

DATE ISSUED _____

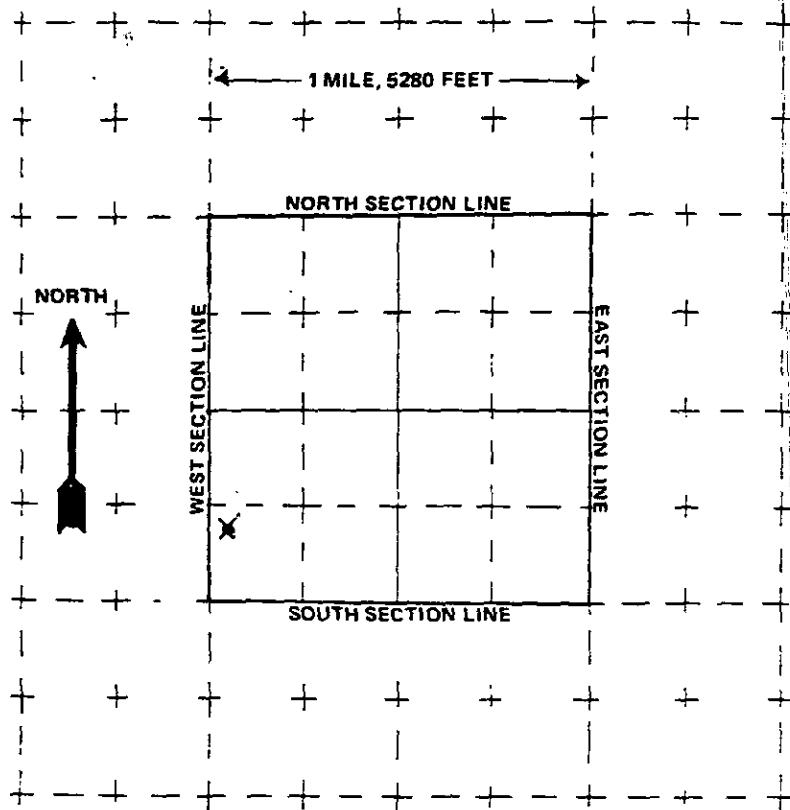
EXPIRATION DATE _____

(STATE ENGINEER)

BY _____

I.D. 1 COUNTY 18 08

(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.

1140 ft. from SOUTH sec. line
(north or south)
400 ft. from WEST sec. line
(east or west)

LOT 7 BLOCK _____ FILING # _____

SUBDIVISION CASTLE MESA WEST

(7) TRACT ON WHICH WELL WILL BE LOCATED Owner: KAMIL B. TAZI

No. of acres 10.07 Will this be the only well on this tract? YES

(8) PROPOSED CASING PROGRAM

Plain Casing

6 5/8 in. from +1 ft. to 19 ft.

4 1/2 in. from 10 ft. to 300 ft.

Perforated casing

4 1/2 in. from 300 ft. to 500 ft.

_____ in. from _____ ft. to _____ ft.

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

N/A

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

Owner(s): KAMIL B. TAZI

No. of acres: 10.07

Legal description: SAME AS #2 & #6

(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 AND 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

NONE

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

SIGNATURE OF APPLICANT(S)

EXEMPT WELL DATA SHEET - DENVER BASIN, COLORADO

APPLICANT: TAZI RECEIPT NO. 360598
LOCATION: SW1/4 OF SW1/4 OF SEC. 20, T.8S., R.67W. (1140 SSL, 400 WSL)

PROPOSED AQUIFER:
SURFACE ELEVATION: 6500 NUMBER OF ACRES IN TRACT: 10.07

IS PROPERTY WITHIN SERVICE BOUNDARIES OF MUNICIPALITY S.B.5 CONSENT MAPS? NO ☐ YES ☐
IF SUBDIVISION IS UNDER AUGMENTATION PLAN, CASE NO. IS _____, DIV. _____
IF SUBDIVISION WAS RECOMMENDED FOR APPROVAL BY THE WATER MANAGEMENT BRANCH, DATE OF LETTER IS _____
INFORMATION ON SUBDIVISION OR TRACT OF LAND/SPECIAL RESTRICTIONS:

evaluated by JSG on OCTOBER 13, 1993

AQUIFER	ELEVATION		NET SAND	DEPTH TO		ANNUAL APPROP A-F	STATUS
	BOT.	TOP		BOT.	TOP		
UPPER DAWSON	---	---	---	---	---	---	---
LOWER DAWSON	6175	6190	7	325	310	0.141 E	NT
DENVER	5353	6215	328	1147	285	5.598	NNT-4% repl.
UPPER ARAPAHOE	4811	5298	298	1689	1202	5.101	NNT
LOWER ARAPAHOE	---	---	---	---	---	---	---
LARAMIE-FOX HILLS	4007	4311	176	2493	2189	2.658	NT

note: E indicates location is at aquifer boundary and values may be more approximate.
* indicates the proposed aquifer.

All values are interpolated from the S.B.5 data base assembled in November of 1986.

(2528 needed - round to 2.53)

Limit to 2.53 AF/YR

(provide for 1 AC 1R2 as applied for)

.3 - 1 hour

.05 - animals

2.18 S/L 1R

@ .05/1000 R

= 43,600 R 1R

Limit to 43,560 R 1R

Best Copy Available



DAVID E. ARCHER
& ASSOCIATES, INC.
REGISTERED LAND SURVEYOR
105 WILCOX ST.
CASTLE ROCK, COLO. 80104
PHONE 688-4642

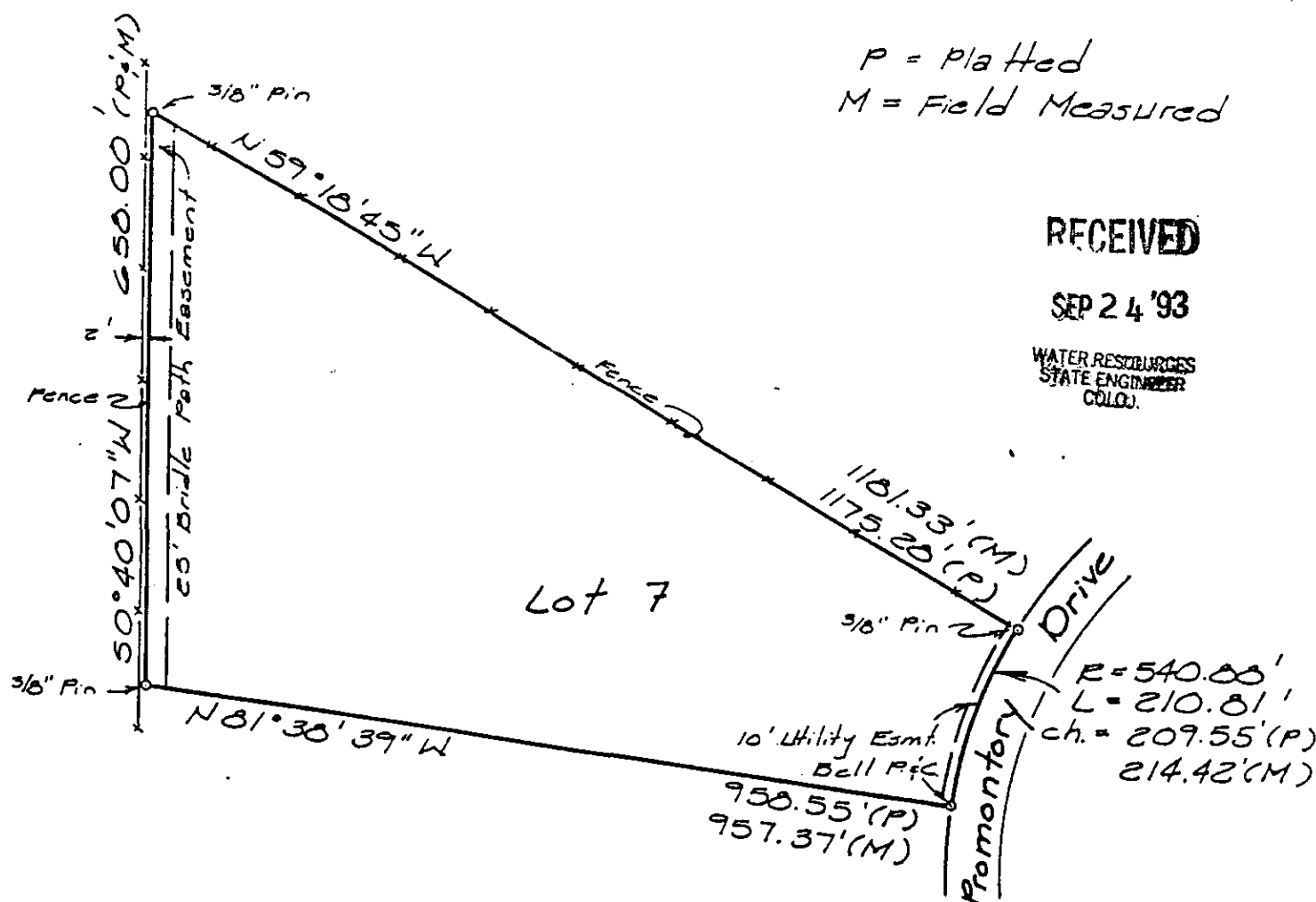
SCALE 1" = 200'
DATE 1-22-90
O = Property Corners
REVISIONS

P = Platted
M = Field Measured

RECEIVED

SEP 24 '93

WATER RESOURCES
STATE ENGINEER
COLO.



CERTIFICATE OF SURVEY:

This is to certify that on January 22, 1990, a survey was made under my direct supervision of Lot 7, Castle Mesa West, Douglas County, Colorado, and that this plat accurately represents said survey. This survey was performed without the benefit of a title insurance commitment or a title insurance policy. A title insurance commitment or a title insurance policy may disclose facts not reflected on this survey.

Corner monuments were found and accepted as indicated hereon.

Signed

Professional Land Surveyor

"NOTICE: According to Colorado law you must commence any legal action based upon any defect in this survey within three years after you first discover such defect. In no event, may any action based upon any defect in this survey be commenced more than ten years from the date of the certification shown herein."

Job No. 90-028