

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

For Office Use only  
**RECEIVED**

AUG 12 '93

WATER RESOURCES  
STATE ENGINEER  
COLO.

1. WELL PERMIT NUMBER 171340 171340

2. OWNER NAME(S) Western Life Style Homes  
Mailing Address Box 296  
City, St. Zip El. Co 80107  
Phone (303) 746-0453

3. WELL LOCATION AS DRILLED: NE 1/4 NE 1/4, Sec. 5 Twp. 8 S, Range 64 W  
DISTANCES FROM SEC. LINES:  
1000 ft. from North Sec. line. and 200 ft. from East Sec. line.  
(south of north) (east of west)  
SUBDIVISION: Saddlewood LOT 14 BLOCK 1 FILING(UNIT)  
STREET ADDRESS AT WELL LOCATION:

4. PUMP DATA: Type Sub Installation Completed 8/6/93  
Pump Manufacturer Red Jacket Pump Model No. 50CUT8BC  
Design GPM 10 at RPM 3450, HP 1, Volts 230, Full Load Amps  
Pump Intake Depth 327 Feet, Drop/Column Pipe Size 1" 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:  
Airtine 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.  
Date 8-6-93  
Total Well Depth 425 Time \_\_\_\_\_  
Static Level 260 Rate (GPM) 10  
Date Measured 8-4-93 Pumping Lvl. 300

7. DISINFECTION: Type HTH Amt. Used 1/4 cup

8. Water Quality analysis available.  Yes  No

9. Remarks \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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 Hamacher Well Works Phone (719) 541-2460 Lic. No. 71  
Mailing Address Box 86 Smile Co 80835

Name/Title (Please type or print) T.R. Hamacher Signature T.R. Hamacher Date Aug 9-93

FORM NO. GWS-31 11/90

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

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AUG 12 '93

WATER RESOURCES STATE ENGINEER COLO.

1. WELL PERMIT NUMBER 171340
2. OWNER NAME(S) Western Lifestyle Homes
Mailing Address Box 296
City, St. Zip Ft. Co 80107
Phone (303) 646-4193

3. WELL LOCATION AS DRILLED: NE 1/4 NE 1/4, Sec. 5 Twp. 8 S, Range 64 W
DISTANCES FROM SEC. LINES: 1000 ft from North Sec. line and 200 ft from East Sec. line, OR
SUBDIVISION: Saddlewood LOT 14 BLOCK 1 FILING(UNIT)
STREET ADDRESS AT WELL LOCATION:

4. GROUND SURFACE ELEVATION ft. DRILLING METHOD Rotary
DATE COMPLETED Aug 4-93 TOTAL DEPTH 425 ft. DEPTH COMPLETED 425 ft.

5. GEOLOGIC LOG: Table with columns for Depth and Description of Material (Type, Size, Color, Water Location). Includes entries for Top Soil, Sand, Clay, Sandstone, and Shale.

6. HOLE DIAM. (in.) Table with columns for From (ft) and To (ft). Shows diameters of 7 7/8 and 6 1/2 inches.

7. PLAIN CASING Table with columns for OD (in), Kind, Wall Size, From (ft), and To (ft). Shows casing types like Steel and PVC.

8. FILTER PACK: Material Silica Sand, Size 8-12, Interval 300-425

9. PACKER PLACEMENT: Type, Depth

REMARKS:

10. GROUTING RECORD: Table with columns for Material, Amount, Density, Interval, and Placement. Shows cement grout placement.

11. DISINFECTION: Type HTH Amt. Used 4 cups

12. WELL TEST DATA: TESTING METHOD Aug + Bailout
Static Level 260 ft. Date/Time measured 8-4-93 Production Rate 15 gpm.
Pumping level 330 ft. Date/Time measured 8-4-93 Test length (hrs.) 4

13. I have read the statements made herein and know the contents thereof, and that they are true to my knowledge.

CONTRACTOR Namachee Well Works Phone (719) 541-2460 Lic. No. 71
Mailing Address Box 86 Simla Co 80835

Name/Title (Please type or print) T.R. Namachee Signature J.R. Namachee Date Aug 9-93

OFFICE OF THE STATE ENGINEER  
COLORADO DIVISION OF WATER RESOURCES

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

WELL PERMIT NUMBER		<b>171340</b>	
DIV. 1	CNTY. 20	WD 1	DES. BASIN MD

APPLICANT

Lot: 14 Block: 1 Filling: Subdiv: SADDLEWOOD

WESTERN LIFE STYLE HOMES  
P O BOX 296  
ELIZABETH CO 80107  
  
(303)646-4153

APPROVED WELL LOCATION  
ELBERT COUNTY

NE 1/4 NE 1/4 Section 5  
Twp 8 S RANGE 64 W 6th P.M.

DISTANCES FROM SECTION LINES

1000 Ft. from North Section Line  
200 Ft. from East Section Line

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 and the irrigation of not more than 7,000 square feet of home gardens and lawns, as recommended by the Division of Water Resources to the county commissioners.
- 5) Plain casing must be installed and properly sealed to a minimum depth of 300 feet to prevent diversion of water above this depth. The depth of the well shall not exceed 585 feet, which corresponds to the base of the Upper Dawson aquifer.
- 6) The maximum pumping rate shall not exceed 15 GPM.
- 7) The annual amount of ground water to be withdrawn shall not exceed 1 acre-feet.
- 8) 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. *JP 7/24/93*

APPROVED  
DWR

*Hal D. Simpson*  
State Engineer

Receipt No. 0354119B

DATE ISSUED JUL 27 1993

*John W. Birkley*  
By

EXPIRATION DATE JUL 27 1995

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

RECEIVED

JUN 04 '93

51-A

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.

( y ) 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. \_\_\_\_\_

171340  
6620

(1) APPLICANT - mailing address

NAME Westerns Life Style Homes  
STREET P.O. Box 296  
CITY Elizabeth Co. 80107  
(State) (Zip)  
TELEPHONE NO. 303-646-4153

FOR OFFICE USE ONLY: DO NOT WRITE IN THIS COLUMN  
No SB-5 Claim

Receipt No. 354119-13 / 1 Ltr. 6/17/94 mod 4/15/96  
Dist. OK Plotted / UTDN wells  
Basin on Plot / Dist. 300' plain casing min

CONDITIONS OF APPROVAL 4U, 7,000 sq. irr.

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. DB/K

(2) LOCATION OF PROPOSED WELL

County ELBERT  
NE 1/4 of the NE 1/4, Section 5  
Twp. 8 S, Rng. 64 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: 1/4 Less  
Proposed total depth (feet): 400  
Aquifer ground water is to be obtained from:  
Upper Dawson  
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) DRILLER

Name Hamacher Well Works  
Street 31800 E Hwy 24 Box 86  
City Simla Co. 80835  
(State) (Zip)  
Telephone No. 719 541-2460 Lic. No. 71

APPLICATION APPROVED

PERMIT NUMBER \_\_\_\_\_

DATE ISSUED \_\_\_\_\_

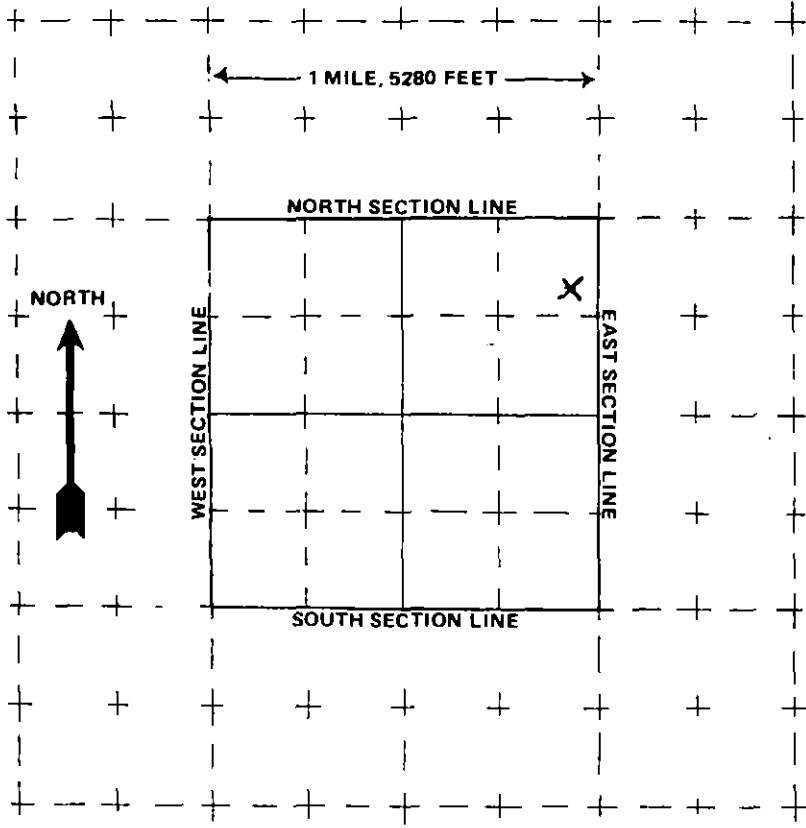
EXPIRATION DATE \_\_\_\_\_

(STATE ENGINEER)

BY \_\_\_\_\_

I.D. 1 COUNTY 20-01

(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.

1000 ft. from NORTH sec. line  
(north or south)

200 ft. from EAST sec. line  
(east or west)

LOT 14 BLOCK \_\_\_\_\_ FILING # 2

SUBDIVISION Saddlewood

(7) **TRACT ON WHICH WELL WILL BE LOCATED** Owner: SAME AS FRONT

No. of acres 2.65 Will this be

the only well on this tract? yes

(8) **PROPOSED CASING PROGRAM**

Plain Casing

6 5/8 in. from 1+ ft. to 21 ft.

4 in. from 15 ft. to 300 ft.

Perforated casing

4 in. from 300 ft. to 400 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): WESTERN LIFE STYLE HOMES No. of acres: 2.65

Legal description: NE 1/4 NE 1/4 Sect. 5 - 8 - 5 - 64 - 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.

Domestic  
SEPTIC TANK + Leach bed

(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

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

Danny M. Grech  
SIGNATURE OF APPLICANT(S)

EXEMPT WELL DATA SHEET - DENVER BASIN, COLORADO

APPLICANT: WESTRN LIFE STYLE HOMES RECEIPT NO. 354119B  
 LOCATION: NE1/4 OF NE1/4 OF SEC. 5, T.8S., R.64W. (1000 NSL, 200 ESL)

PROPOSED AQUIFER:  
 SURFACE ELEVATION: 6620 NUMBER OF ACRES IN TRACT: 2.65

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 NLH on JULY 8, 1993

AQUIFER	ELEVATION		NET SAND	DEPTH TO		ANNUAL APPROP A-F	STATUS
	BOT.	TOP		BOT.	TOP		
UPPER DAWSON	6033	6404	186	587	216	0.986	NNT
LOWER DAWSON	5728	5999	94	892	621	0.493	NT
DENVER	4983	5750	265	1637	870	1.189	NT
UPPER ARAPAHOE	4515	4938	225	2105	1682	1.009	NT
LOWER ARAPAHOE							
LARAMIE-FOX HILLS	3951	4218	193	2669	2402	0.763	NT

*300' plan casing min.*

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.