

Pump Installation and Test Report

State of Colorado, Office of the State Engineer

Form No.
GWS-32
11/90

COPY

1. WELL PERMIT NUMBER **62252-F**
2. OWNER NAME(S) Colorado Hunt Club LLC, Coyote Hills
Mailing Address 9578 Summit Ridge Place
City, St. Zip Parker CO 80138
Phone (303) 805-3710
3. WELL LOCATION AS DRILLED: NW 1/4 NE 1/4, Sec. 22 Twp. 7 S Range 65 W

GWS-32-92-05

Distance from Sec. Lines:
1100 Ft From North Sec. Line and 2450 Ft from East Sec. Line.
north or south east or west

Subdivision Coyote Hills Lot Block Filing (Unit)
Street Address at Well Location

4. PUMP DATA: Type Submersible Installation Completed December 12, 2006
Pump Manufacturer. Grundfos Pump Model No. 40S75-21PE
Design GPM 35 At RPM 3460 HP 7.5 Volts 460 Full Load Amps 11
Pump Intake Depth 575' Drop/Column Pipe Size 2" NPT Inches, Kind ASTM A120 Steel
Additional Information for Pumps Greater than 50 GPM:
Turbine Driver Type Electric Engine Other...
Design Head 460' Number of Stages 21 Shaft size NA inches

5. OTHER EQUIPMENT
Airline Installed one two Depth Ft 573' Monitor Tube Installed Yes No Depth Ft N/A
Flow Meter Mfg. Fluidyne Meter Serial No. 1586587-H00
Meter Readout Gallons, Thousand Gallons, Acre feet, Beginning Reading 513

6. TEST DATA: Check Box if Test Data is submitted on Supplemental Form.

Date Feb 8, 2007Total Well Depth 627' Time 2 hrsDate Measured Feb 8, 2007 Rate (GPM) 37.6Static Level 189' Pumping Lvl. 386'

7. DISINFECTION 65% HTH Chlorine Granules Amt. Used 13 Ounces

8. WATER QUALITY ANALYSIS TEST AVAILABLE Yes No

9. REMARKS Dawson #2 AmWest Job
15059

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

Contractor AmWest, Inc. Phone (303) 289-3281

Mailing Address: AmWest, Inc. 10301 E. 107th Place, Brighton, CO. 80601

Name/Title/License

Robert P. Kubitschek, Project Manager, Lic. 878

Signature



Date

2/8/07

WELL CONSTRUCTION AND TEST REPORT
 STATE OF COLORADO, OFFICE OF THE STATE ENGINEER
 1313 Sherman St., Rm. 818, Denver, CO 80203

For Office Use only

1. **WELL PERMIT NUMBER** 62252 F

2. **OWNER NAME(S)** COLORADO HUNT CLUB LLC
Mailing Address 9578 SUMMIT RIDGE PL.
City, St. Zip PARKER CO 80138
Phone () (303) 805-3710

3. **WELL LOCATION AS DRILLED:** NW 1/4 NE 1/4, Sec. 22 Twp. 7 S, Range 65 W
DISTANCES FROM SEC. LINES:
1100 ft. from NORTH Sec. line. and 2450 ft. from EAST Sec. line. OR
(North or South) (East or West)
SUBDIVISION: Cave Hills **LOT** **BLOCK** **FILING(UNIT)**
STREET ADDRESS AT WELL LOCATION: N 99° 25' 892 W 104.39.147

4. **GROUND SURFACE ELEVATION** 6625 ft. **DRILLING METHOD** AIR ROTARY
DATE COMPLETED APRIL 4 2005 **TOTAL DEPTH** 627 ft. **DEPTH COMPLETED** 627 ft.

5. **GEOLOGIC LOG:**

Depth	Description of Material (Type, Size, Color, Water Location)
0	25 SAND
25	80 TAN CLAY
80	140 SAND
140	285 TAN CLAY & SAND
285	295 SAND
295	320 TAN SANDY CLAY
320	360 TAN CLAY & SAND
360	400 GREEN SHALE
400	440 SAND
440	480 SAND & GREEN SHALE
480	490 GREEN SHALE
490	590 GREEN SHALE & SAND
590	600 SAND
600	615 GREEN SHALE & SAND
615	627 GREEN & GRAY SHALE

6. **HOLE DIAM. (in.)**

From (ft)	To (ft)
0	627

7. **PLAIN CASING**

OD (in)	Kind	Wall Size	From(ft)	To(ft)
6 5/8	steel	.188	1	123
6 5/8	steel	.188	144	270
6 5/8	steel	.188	291	333

PERF. CASING: Screen Slot Size: 32,000th

From(ft)	To(ft)
6 5/8	123
6 5/8	270
6 5/8	333
6 5/8	396

8. **FILTER PACK:** Material Size Interval

9. **PACKER PLACEMENT:** Type neoprene Depth 40' to 7'

10. **GROUTING RECORD:**

Material	Amount	Density	Interval	Placement
cement	5 bags	30 gals	41-7'	pos displ.

REMARKS: 6 5/8 steel .188 354'-396' plain
6 5/8 steel .188 501'-585' plain casing
6 5/8 steel .188 585'-627' perf. casing

11. **DISINFECTION:** Type HTH Amt. Used 1 CUP

12. **WELL TEST DATA:** Check box if Test Data is submitted on Form No. GWS 30 Supplemental Well Test.
TESTING METHOD AIR 35 gpm @ 460 ft & 40 gpm @ 600 ft
Static Level 165 ft. **Date/Time measured** APRIL 4 2005 5 pm, **Production Rate** 40 gpm.
Pumping level 400 ft. **Date/Time measured** APRIL 4 2005 5 pm, **Test length (hrs.)** 1
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 24-6-104 (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 PARKER DRILLING INC. **Phone** (303) 841-5020 **Lic. No.** 1120
Mailing Address 1490 E. CNTY. RD. 186 PARKER CO 80138

Name/Titles (Please type or print) TOMMY E. THRASHER (OWNER) **Signature** Tommy E Thrasher **Date** APRIL 5 2005

Form No. BWS-25

OFFICE OF THE STATE ENGINEER COLORADO DIVISION OF WATER RESOURCES 818 Centennial Bldg., 1313 Sherman St., Denver, Colorado 80203 (303) 866-3551

LIC

WELL PERMIT NUMBER 62252 DIV. 1 WD 2 DES. BASIN MD

APPLICANT

CPS W 39° 25' 89.2"

COLORADO HUNT CLUB LLC 9578 SUMMIT RIDGE PL PARKER, CO 80138-

W 104.39147

APPROVED WELL LOCATION

ELBERT COUNTY NW 1/4 NE 1/4 Section 22 Township 7 S Range 65 W Sixth P.M.

DISTANCES FROM SECTION LINES

1100 Ft. from North Section Line 2450 Ft. from East Section Line

UTM COORDINATES (Meters Zone: 13 NAD83)

Easting: Northing:

(303) 805-3710

PERMIT TO CONSTRUCT A WELL (AMENDED)

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 this 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 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 18.
3) Approved pursuant to CRS 37-90-187(4) on the condition that this well is operated in accordance with the augmentation plan approved by the Division 1 Water Court in Case No. 88CW265. If the well is not operated in accordance with the terms of said decree, it will be subject to administration including orders to cease diverting water.
4) The use of ground water from this well is limited to the uses described in the augmentation plan decreed in case no. 88CW265, Division 1 Water Court including in-house use, irrigation and stockwatering. The operation of this well is subject to the terms and conditions of said decree.
5) The maximum pumping rate of this well shall not exceed 75 GPM.
6) The average annual amount of ground water to be withdrawn by this well in combination with all wells withdrawing Upper Dawson aquifer water pursuant to the augmentation plan decreed in case no. 88CW265, shall not exceed 24 acre-feet.
7) The total depth of the well shall not exceed 630 feet, which corresponds to the base of the Upper Dawson aquifer. At a minimum, plain casing shall be installed and grouted through all unconsolidated materials and shall extend a minimum of ten feet into the bedrock formation to prevent production from other zones.
8) The entire length of the hole shall be geophysically logged as required by the Statewide Nontributary Ground Water Rules prior to installing casing.
9) The owner shall mark the well in a conspicuous place with well permit number(s), name of the aquifer, and court case number(s) as appropriate. The owner shall take necessary means and precautions to preserve these markings.
10) A totalizing flow meter must be installed on this well and maintained in good working order. Permanent records of all diversions must be maintained by the well owner (recorded at least annually) and submitted to the Division Engineer upon request.
11) This well shall be constructed at least 600 feet from any existing well completed in the same aquifer that is not owned by the applicant.
12) This well shall be constructed not more than 200 feet from the location specified on this permit.
13) The return flow from the use of this well must be through an individual waste water disposal system of the non-evaporative type where the water is returned to the same stream system in which the well is located.
14) This well is subject to administration by the Division Engineer in accordance with applicable decrees, statutes, rules, and regulations.

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.
NOTE: The ability of this well to withdraw its authorized amount of water from this non-renewable aquifer may be less than the 100 years upon which the amount of water in the aquifer is allocated, due to anticipated water level declines. JMW 2/14/05

NOTE: Permit Condition of Approval No. 8 has been waived. MPS March 29, 2005.

APPROVED JMW

[Signature of State Engineer]

State Engineer

[Signature of Division Engineer]

By

Receipt No. 0534944

DATE ISSUED 02-14-2005

EXPIRATION DATE 02-14-2006

0534944

STATE OF COLORADO

OFFICE OF THE STATE ENGINEER

Division of Water Resources
Department of Natural Resources

1313 Sherman Street, Room 818
Denver, Colorado 80203
Phone (303) 866-3581
FAX (303) 866-3589

www.water.state.co.us



March 29, 2005

Bill Owens
Governor
Russell George
Executive Director
Hal D. Simpson, P.E.
State Engineer

David Johnson
Colorado Hunt Club LLC
9578 Summit ridge Pl
Parker, Colorado 80138

Re: Request for Waiver of Geophysical Logging Requirement, Permit No. 62252-F

Dear Mr. Johnson:

I have evaluated your faxed request March 29, 2005 for a waiver of the geophysical logging requirement attached to the above referenced permit, issued to Colorado Hunt Club LLC.

Permit No. 62252-F approves the construction of a well to divert water from the Upper Dawson Aquifer. The proposed well would not fully penetrate the uppermost aquifer, and would not provide data on the depth to the top of the Lower Dawson aquifer, or the thickness of the confining layer separating the uppermost aquifer from the next lower aquifer.

Therefore, permit condition of approval number 8 is waived on the basis that a geophysical log would not provide the Division with data useful to administration of the ground water in this area.

This waiver does not abrogate the well owner's or well construction contractor's responsibility to fulfill all requirements of any applicable court decree.

Attached is an amended copy of permit 62252-F.

Please feel free to contact me if you have any questions or require additional information.

Sincerely,

Michael P Schaub
Geologist, Geotechnical Services Branch
Colorado Division of Water Resources

Attachment

cc: Permit File