

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

For Office Use only

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FEB 21 '95

WATER RESOURCE
STATE ENGINEER
OFFICE

1. WELL PERMIT NUMBER 181163

2. OWNER NAME(S) Colorado Dolphin Co. Inc.
Mailing Address 7050 So 10th St Gt.
City, St. Zip Littleton Co. 80122
Phone (303) 850-0901

3. WELL LOCATION AS DRILLED: NW 1/4 NW 1/4, Sec. 6 Twp. 6 N, Range 86 W
DISTANCES FROM SEC. LINES:
400 ft. from N Sec. line. and 400 ft. from West Sec. line. OR
(north or south) (east or west)
SUBDIVISION: Crowder Valley Ranch LOT 1912 BLOCK _____ FILING(UNIT) 1
STREET ADDRESS AT WELL LOCATION: _____

4. GROUND SURFACE ELEVATION _____ ft. DRILLING METHOD Rotary w/Min.
DATE COMPLETED 12-12-94 TOTAL DEPTH 340 ft. DEPTH COMPLETED 340 ft.

5. GEOLOGIC LOG:

Depth	Description of Material (Type, Size, Color, Water Location)
0-4	Andershire Stone Lt Gray
4-35	Shale Gray
35-65	S.S. tan
65-95	Shale Lt Gray
95-130	S.S. Lt Gray
130-205	Shale Gray
205-210	Coal
210-220	S.S. Lt Gray
220-260	Shale Gray
260-263	Coal
263-265	Bentonite white
265-295	Shale Gray
295-320	S.S. (white) Lt Gray
320-340	Shale Gray

6. HOLE DIAM. (in.)

From (ft)	To (ft)
10	0
6 3/4	20
	340

7. PLAIN CASING

OD (in)	Kind	Wall Size	From (ft)	To (ft)
7	Steel	1.88	-1	20
4 1/2	PVC	Sch 40	0	340

PERF. CASING: Screen Slot Size:
4 1/2 PVC Sch 40 300 320

8. FILTER PACK: Material Washed Rock
Size 3/8
Interval 200-340

9. PACKER PLACEMENT: Type _____
Depth _____

10. GROUTING RECORD:

Material	Amount	Density	Interval	Placement
Reg Cement	280	6.6 lb	10-20	Poured

REMARKS: _____

11. DISINFECTION: Type H+H Amt. Used 1.0 lb

12. WELL TEST DATA: Check box if Test Data is submitted on Form No. GWS 39 Supplemental Well Test.
TESTING METHOD Air Core
Static Level 285 ft. Date/Time measured _____, Production Rate 8 gpm.
Pumping level _____ ft. Date/Time measured _____, Test length (hrs.) 3 hr
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 Cory Oberhansly Phone (303) 854-8215 Lic. No. 1246
Mailing Address _____

Name/Title (Please type or print) Cory Oberhansly Signature [Signature] Date 1-26-95

INSTRUCTIONS FOR WELL CONSTRUCTION AND TEST REPORT

The report must be typed or printed in **BLACK INK**. All changes on the form must be initialed and dated. Attach additional sheets if more space is required. Each additional sheet must be identified at the top by the well owner's name, the permit number, form name/number and a sequential page number. Report depths in feet below ground surface.

This form may be reproduced by photocopy methods, or by computer generation with prior approval by the State Engineer.

The original and one copy of this form must be submitted to the State Engineer's Office within 60 days after completing the well or 7 days after the permit expiration date, whichever is earlier. Another copy of the form must be provided to the well owner.

1. Complete the Well Permit Number in full.
2. Fill in Name and Mailing Address of Well Owner where correspondence should be sent.
3. Complete the blocks for the actual location of the well where drilled. If the owner has more than one well serving this property, provide the identification (Owner's Designation) for this well. **DO NOT USE THE OWNER SUPPLIED LOCATION** unless a survey has been provided. For wells located in subdivisions the lot, block and subdivision information must also be provided.
4. Report the ground surface elevation in feet above sea level if available. This value may be obtained from a topographic map. Describe the drilling method used to construct the well and the date completed. Indicate the total depth drilled and the actual completed depth of the well.
5. Fully describe the materials encountered in drilling. Do not use formation names unless they are in conjunction with a description of materials.
Examples of descriptive terms include:
 - Grain size—Boulders, gravel, sand, silt, clay.
 - Hardness—Loose, soft, tight, hard, very hard.
 - Color—All materials. Most critical in sedimentary rock.
 - Depth when water is encountered (if it can be determined).
6. Provide the diameters of the drilled bore hole.
7. The outside diameter, kind, wall thickness and interval of casing lengths must be indicated.
8. Indicate the type and size of filter (gravel) pack and the interval where placed.
9. Indicate the type and setting depth for any packers installed.
10. The density of the grout slurry must be reported and may be indicated as pounds per gallon, gallons of water per sack, total gallons of water and number of sacks used, etc. Specify the grout placement method, i.e. tremie pipe or positive displacement. The percentage of additives mixed with the grout should be reported under remarks.
11. Record the type and the amount of disinfection used, how placed and the length of time left in the hole.
12. Report well test data as required by Rule 10.7. Spaces are provided to report all measurements made during the test. The report should show that the test complied with the provisions of the rules. If a test was not performed explain when it will be done. If available, report clock time when measurements were taken.
13. Fill in Company Name and Address of Contractor who constructed the well. The report must be signed by the licensed contractor responsible for the construction of the well.

OFFICE OF THE STATE ENGINEER
COLORADO DIVISION OF WATER RESOURCES

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

APPLICANT

WELL PERMIT NUMBER	181163
DIV. 6	CNTY. 54 WD 57 DES. BASIN MD

Lot: 19A Block: Filing: 1 Subdiv: CANYON VALLEY RANCH

COLORADO DOLPHIN CO INC
7050 SO FOREST CRT
LITTLETON CO 80122

()850-0901

APPROVED WELL LOCATION
ROUTT COUNTY

NW 1/4 NW 1/4 Section 6
Twp 6 N RANGE 86 W 6th P.M.

DISTANCES FROM SECTION LINES

400 Ft. from North Section Line
400 Ft. from West 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).
- 4) The use of ground water from this well is limited to fire protection, ordinary household purposes inside one (1) single family dwelling, the irrigation of not more than one (1) acre of home lawns and gardens and the watering of domestic animals.
- 5) The maximum pumping rate shall not exceed 15 GPM.
- 6) This well shall be constructed not more than 200 feet from the location specified on this permit.

APPROVED

BH *8/25/94*

Hal D. Simpson
State Engineer

John Schuyler
By

Receipt No. 0372698

DATE ISSUED AUG 26 1994

EXPIRATION DATE AUG 26 1996

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

11P
Wolf Mtn.
RECEIVED

PERMIT APPLICATION FORM

RECEIVED

AUG 04 '94

JUL 25 '94

WATER RESOURCES
STATE ENGINEER
COURT

WATER RESOURCES
STATE ENGINEER
COURT

181163

617

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

- FOR: A PERMIT TO USE GROUND WATER
 A PERMIT TO CONSTRUCT A WELL
 A PERMIT TO INSTALL A PUMP
- REPLACEMENT FOR NO. _____
 OTHER _____
 WATER COURT CASE NO. _____

(1) APPLICANT - mailing address

NAME Colorado Dolphin Co Inc.
 STREET 7050 South Forest Court
 CITY LITTLETON CO 80122
(State) (Zip)
 TELEPHONE NO. 850-0901

FOR OFFICE USE ONLY: DO NOT WRITE IN THIS COLUMN

Receipt No. _____ / _____
 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.

Non-critical per Div. Eng.

Well Look -- Only well this 1/4 1/4 (NW1/4) Plotted on Map 11P

(2) LOCATION OF PROPOSED WELL

County ROUIT
NW 1/4 of the NW 1/4, Section 6
 Twp. 6 N, Rng. 86 W, 6[#] 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
 Proposed total depth (feet): 500
 Aquifer ground water is to be obtained from:
Mesa Verde
 Owner's well designation NONE
GROUND WATER TO BE USED FOR:
 HOUSEHOLD USE ONLY - no irrigation (0)
 DOMESTIC (1) INDUSTRIAL (5)
 LIVESTOCK (2) IRRIGATION (6)
 COMMERCIAL (4) MUNICIPAL (8)
 OTHER (9) _____
 DETAIL THE USE ON BACK IN (11)

APPLICATION APPROVED

PERMIT NUMBER _____
 DATE ISSUED _____
 EXPIRATION DATE _____

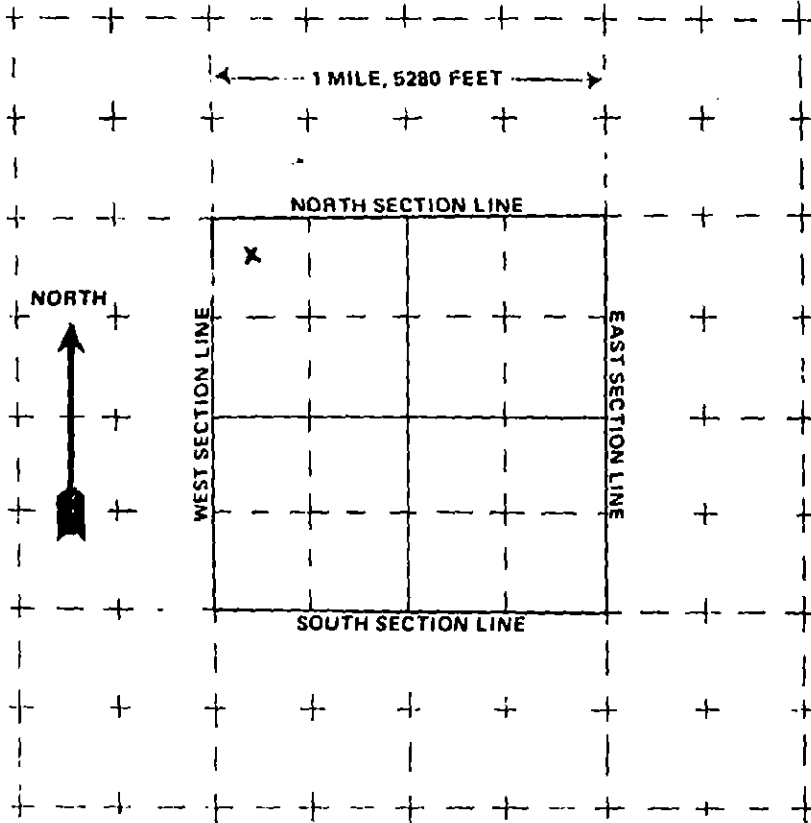
CHECKS TR#372698 072594 60.00
 DIV. OF WATER RESOURCES
 (STATE ENGINEER)

(4) DRILLER

Name Gary Oberhansley
 Street P.O. Box 984
 City CRAIG CO 81626
(State) (Zip)
 Telephone No. 824-8215 Lic. No. 1246

BY _____
 _____ COUNTY 54 57

(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.

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

LOT 19A BLOCK — FILING # 1
SUBDIVISION CANYON VALLEY RANCH

(7) TRACT ON WHICH WELL WILL BE LOCATED Owner: Colorado Dolphin Co

No. of acres 35.028 Will this be the only well on this tract? yes

(8) PROPOSED CASING PROGRAM

Plain Casing
7" steel in. from 0 ft. to 20 ft.
4 1/2" PVC in. from 0 ft. to 500 ft.
Perforated casing
4 1/2" in. from 460 ft. to 490 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): Colorado Dolphin Co INC No. of acres: 35.028
Legal description: LOT 19A - RESURVEY OF LOT 19 CANYON VALLEY RANCH SUBDIVISION FILING 1

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

Domestic well - Limited livestock - 1 AC IRRIGATION - Leach field disposal

(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>		

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

Colorado Dolphin Companies INC by David M. McCalland president
SIGNATURE OF APPLICANT(S)

(6) Location of proposed well (distances from section lines)

Completed and consistent with items (2) & (5) on application, and supplied information

Subdivision information completed (when applicable)

(7) Tract on which well will be located

Completed

*Note: If H.H. use or domestic on 35 acres in over-appropriated, area can have only one well per tract (check to verify no other wells in the 1/4,1/4)

(8) Proposed Casing Program

Completed

Minimum casing size of 4" I.D. w/20' solid steel surface casing (1' above ground, 19' below)

Variance request (letter and diagram) attached if applicable

(9) For Replacement Wells

Completed if applicable - distance and "according to rules"

(10) Land on which Groundwater will be used

Completed if applicable (for irrigation only wells)

*Note: Can be used to describe only well on 35+ acres

(11) Detailed description

Completed correctly and in detail

*Note: Be specific about uses, especially number of houses to be served, stockwater, irrigation - must be consistent with type of well requested. Remember to indicate type of disposal for domestic and household.

(12) Other Water Rights (include well permit number if #7 is no)

(13) Signature Line

Signed and dated by APPLICANT OR REPRESENTATIVE (w/written authority. Print name and title of representative)

(14) Comments

Application fee attached: Check # _____ Amount \$ _____

Application taken by: James C. Peters 8/3/94

Application checked by: _____

Date Mailed to Denver