

FORM NO. GWS-32 11/90

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

For Office Use only

34

SEP 10 1997

WATER STATE

1. WELL PERMIT NUMBER 193879

2. OWNER NAME(S) Ronald L Enders Mailing Address P.O. Box 775649 City, St. Zip Steamboat Springs, CO 80477 Phone (970) 879-9570

3. WELL LOCATION AS DRILLED: NW 1/4 NE 1/4, Sec. 8 Twp. 5 N, Range 85 W DISTANCES FROM SEC. LINES: 1300 ft. from North Sec. line. and 2200 ft. from East Sec. line. SUBDIVISION: Twenty Mile Ranch LOT 3 BLOCK FILING(UNIT) STREET ADDRESS AT WELL LOCATION:

4. PUMP DATA: Type Submersible Installation Completed 7/3/97 Pump Manufacturer Goulds Pump Model No. 7GS15412 Design GPM 7 at RPM 3450, HP 1.5, Volts Full Load Amps Pump Intake Depth 366 Feet, Drop/Column Pipe Size 1 Inches, Kind Sch 80 PVC ADDITIONAL INFORMATION FOR PUMPS GREATER THAT 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. Date 7/3/97 Total Well Depth 450' Time 1400 1500 Static Level 135' Rate (GPM) 10.5 10.5 Date Measured 7/3/97 Pumping Lvl.

7. DISINFECTION: Type Chlorine Powder Amt. Used 9.5 oz

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 Aztec Drilling Company Phone (970) 879-5252 Lic. No. 1198 Mailing Address P.O. Box 772771 Steamboat Springs, CO 80477

Name/Title (Please type or print) Signature Date Keith Branstetter Keith Branstetter 8/4/97

FORM NO. CWS-31 11/96	<b>WELL CONSTRUCTION AND TEST REPORT</b> STATE OF COLORADO, OFFICE OF THE STATE ENGINEER	For Office Use only																																																															
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4. GROUND SURFACE ELEVATION _____ ft. DRILLING METHOD <u>Air Rotary</u> DATE COMPLETED <u>16 July, 1996</u> TOTAL DEPTH <u>450</u> ft. DEPTH COMPLETED <u>405</u> ft.																																																																	
5. GEOLOGIC LOG: <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:10%;">Depth</th> <th>Description of Material (Type, Size, Color, Water Location)</th> </tr> </thead> <tbody> <tr><td>0-1</td><td>Topsoil</td></tr> <tr><td>1-4</td><td>Clay, tan, sandy</td></tr> <tr><td>4-20</td><td>Clay, tan</td></tr> <tr><td>20-38</td><td>Clay, tan, sandy</td></tr> <tr><td>38-130</td><td>Siltstone, reddish, soft</td></tr> <tr><td>130-400</td><td>Siltstone w/imbedded pea gravels, multi-colored</td></tr> <tr><td>400-450</td><td>Siltstone, sandy</td></tr> <tr><td colspan="2">Water location: <u>170'</u></td></tr> <tr><td colspan="2"><u>370'-380'</u></td></tr> </tbody> </table>	Depth	Description of Material (Type, Size, Color, Water Location)	0-1	Topsoil	1-4	Clay, tan, sandy	4-20	Clay, tan	20-38	Clay, tan, sandy	38-130	Siltstone, reddish, soft	130-400	Siltstone w/imbedded pea gravels, multi-colored	400-450	Siltstone, sandy	Water location: <u>170'</u>		<u>370'-380'</u>		6. HOLE DIAM. (in.) From (ft) To (ft) <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td><u>9</u></td><td><u>0</u></td><td><u>25</u></td></tr> <tr><td><u>7</u></td><td><u>25</u></td><td><u>42</u></td></tr> <tr><td><u>6.25</u></td><td><u>42</u></td><td><u>450</u></td></tr> </table> 7. PLAIN CASING <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>OD (in)</th> <th>Kind</th> <th>Wall Size</th> <th>From(ft)</th> <th>To(ft)</th> </tr> </thead> <tbody> <tr><td><u>7</u></td><td><u>steel</u></td><td><u>.317</u></td><td><u>+2</u></td><td><u>42</u></td></tr> <tr><td><u>5</u></td><td><u>PVC</u></td><td><u>.250</u></td><td><u>10</u></td><td><u>155</u></td></tr> <tr><td><u>5</u></td><td><u>PVC</u></td><td><u>.250</u></td><td><u>175</u></td><td><u>345</u></td></tr> <tr><td colspan="5">PERF. CASING: Screen Slot Size: <u>30 slot</u></td></tr> <tr><td><u>5</u></td><td><u>PVC</u></td><td><u>.250</u></td><td><u>155</u></td><td><u>175</u></td></tr> <tr><td><u>5</u></td><td><u>PVC</u></td><td><u>.250</u></td><td><u>345</u></td><td><u>405</u></td></tr> </tbody> </table>	<u>9</u>	<u>0</u>	<u>25</u>	<u>7</u>	<u>25</u>	<u>42</u>	<u>6.25</u>	<u>42</u>	<u>450</u>	OD (in)	Kind	Wall Size	From(ft)	To(ft)	<u>7</u>	<u>steel</u>	<u>.317</u>	<u>+2</u>	<u>42</u>	<u>5</u>	<u>PVC</u>	<u>.250</u>	<u>10</u>	<u>155</u>	<u>5</u>	<u>PVC</u>	<u>.250</u>	<u>175</u>	<u>345</u>	PERF. CASING: Screen Slot Size: <u>30 slot</u>					<u>5</u>	<u>PVC</u>	<u>.250</u>	<u>155</u>	<u>175</u>	<u>5</u>	<u>PVC</u>	<u>.250</u>	<u>345</u>	<u>405</u>
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REMARKS: _____	8. FILTER PACK: Material <u>silica sand</u> Size <u>#8-12</u> Interval <u>95'-405'</u>	9. PACKER PLACEMENT: Type _____ Depth _____																																																															
11. DISINFECTION: Type <u>Chlorine (dry powder)</u> Amt. Used <u>9 oz</u>	10. GROUTING RECORD: <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Material</th> <th>Amount</th> <th>Density</th> <th>Interval</th> <th>Placement</th> </tr> </thead> <tbody> <tr> <td><u>Neat Cement</u></td> <td><u>14.5 lb/gal</u></td> <td></td> <td><u>5'-25'</u></td> <td><u>Poured</u></td> </tr> </tbody> </table>		Material	Amount	Density	Interval	Placement	<u>Neat Cement</u>	<u>14.5 lb/gal</u>		<u>5'-25'</u>	<u>Poured</u>																																																					
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12. WELL TEST DATA: <input type="checkbox"/> Check box if Test Data is submitted on Supplemental Form. TESTING METHOD <u>Air lift</u> Static Level <u>135</u> ft. Date/Time measured <u>16 July, 1996</u> Production Rate <u>8</u> gpm. Pumping level _____ ft. Date/Time measured _____ Test length (hrs.) <u>2</u> Remarks _____																																																																	
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OFFICE OF THE STATE ENGINEER  
COLORADO DIVISION OF WATER RESOURCES

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

LIC

WELL PERMIT NUMBER 193879  
DIV. 6 CNTY. 54 WD ~~X~~ DES. BASIN MD  
*57 DEC 4-11-96*

APPLICANT

Lot: 3 Block: Filing: Subdiv: TWENTY MILE RANCH

RONALD L ENDERS  
BOX 775649  
STMBT SPRINGS CO 80477-  
  
(970)879-9570

APPROVED WELL LOCATION  
ROUTT COUNTY

NW 1/4 NE 1/4 Section 8  
Twp 5 N RANGE 85 W 6th P.M.

DISTANCES FROM SECTION LINES

1300 Ft. from North Section Line  
2200 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 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 37-92-602(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. This well is to be located on a 35+/- acre tract, described as lot 3 of the Twenty Mile Ranch division of land in Routt County.
- 5) The maximum pumping rate shall not exceed 15 GPM.
- 6) The average annual amount of ground water to be appropriated shall not exceed 2 acre-feet.
- 7) This well shall be constructed not more than 200 feet from the location specified on this permit.

NOTE: Expired permit 169276, was previously issued for this lot.

*AE 4-1-96*

APPROVED  
TLC

*Hal D. Simpson*  
State Engineer

*Kenya L. King*  
By

Receipt No. 0396675

DATE ISSUED APR 0 1 1996

EXPIRATION DATE APR 0 1 1998

COLORADO DIVISION OF WATER RESOURCES  
 DEPARTMENT OF NATURAL RESOURCES  
 1313 SHERMAN ST., RM. 818, DENVER CO 80203  
 phone - info: (303) 866-3587 main: (303) 866-3581

RECEIVED

193879

FEB 20 '96

**RESIDENTIAL** \* (Note: You may also use this form to apply for livestock watering) **Water Well Permit Application**  
 Review instructions prior to completing form **Must be completed in black ink or typed**

<b>1. APPLICANT INFORMATION</b>				<b>6. USE OF WELL</b> (check appropriate entry or entries)			
Name of applicant: <u>Ronald L. Euders</u>				See instructions to determine use(s) for which you may qualify - <input type="checkbox"/> A. Ordinary household use in one single-family dwelling (NO outside use) <input checked="" type="checkbox"/> B. Ordinary household use in 1 to 3 single-family dwellings: Number of dwellings: <u>1</u> <input checked="" type="checkbox"/> Home garden/lawn irrigation, not to exceed 1 acre: area irrigated <u>1</u> sq. ft. <input type="checkbox"/> acre <input checked="" type="checkbox"/> Domestic animal watering - (non-commercial)			
Mailing Address: <u>P.O. Box</u> <u>775649 Steamboat CO</u>				<input type="checkbox"/> C. Livestock watering (on farm/ranch/range/pasture)			
City: <u>Steamboat</u>		State: <u>CO</u>		Zip code: <u>80477</u>			
Telephone Number (include area code): <u>970-879-9570</u>				<b>7. WELL DATA</b>			
<b>2. TYPE OF APPLICATION</b> (check applicable box(es))				Maximum pumping rate: <u>15</u> gpm		Annual amount to be withdrawn: <u>2.0</u> acre-feet	
<input checked="" type="checkbox"/> Construct new well		<input type="checkbox"/> Use existing well		Total depth: <u>250</u> feet		Aquifer: <u>UNKNOWN</u>	
<input type="checkbox"/> Replace existing well		<input type="checkbox"/> Change / Increase Use					
<input type="checkbox"/> Change (source) aquifer		<input type="checkbox"/> Reapplication (expired permit)					
<input type="checkbox"/> Other:							
<b>3. REFER TO</b> (if applicable) 0				<b>8. TYPE OF RESIDENTIAL SEWAGE SYSTEM</b>			
Water court case #		Permit #		<input checked="" type="checkbox"/> Septic tank / absorption leach field			
Verbal # <u>-VE-</u>		Monitoring hole acknowledgment # <u>MH-</u>		<input type="checkbox"/> Central system District name: _____			
Well name or #		<input type="checkbox"/> Vault Location sewage to be hauled to: _____				<input type="checkbox"/> Other (attach copy of engineering design)	
<b>4. LOCATION OF WELL</b>				<b>9. PROPOSED WELL DRILLER</b> (optional)			
County: <u>Routt</u>		Quarter/quarter: <u>NW ¼</u>		Quarter: <u>NE ¼</u>		Name: _____ License number: _____	
Section: <u>8</u>		Township N or S: <u>5</u>		Range E or W: <u>85</u>		Principal Meridian: <u>6th</u>	
Distance of well from section lines: <u>1300</u> ft. from <input checked="" type="checkbox"/> N <input type="checkbox"/> S <u>2200</u> ft. from <input checked="" type="checkbox"/> E <input type="checkbox"/> W				<b>10. SIGNATURE</b> of applicant(s) or authorized agent			
Well location address, if different from applicant address (if applicable): <u>Lot 3 Twenty Mile Ranch Subdivision</u>				The making of false statements herein constitutes perjury in the second degree, which is punishable as a class 1 misdemeanor pursuant to C.R.S. 24-4-104(13)(a). I have read the statements herein, know the contents thereof and state that they are true to my knowledge.			
For replacement wells only - distance and direction from old well to new well: feet direction				Must be original signature: <u>Ronald L. Euders</u>			
<b>5. TRACT ON WHICH WELL WILL BE LOCATED</b>				Title: <u>Owner</u>		Date: <u>2-16-96</u>	
A. You must check one of the following - see instructions <input checked="" type="checkbox"/> Subdivision: Name <u>Twenty Mile Ranch</u> Lot no. <u>3</u> Block no. _____ Filing/Unit _____ <input type="checkbox"/> County exemption (attach copy of county approval & survey) Name/no. _____ Tract no. _____ <input type="checkbox"/> Mining claim (attach copy of deed or survey) Name/no. _____ <input type="checkbox"/> Other (attach legal description to application)				<b>OPTIONAL INFORMATION</b>			
B. STATE PARCEL ID# (optional):				USGS map name		DWR map no.	
C. # acres in tract: <u>35+-</u>		D. Are you the owner of this property? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO (if no - see instructions)		Office Use Only non-crit. per ck. list		Surface elev.	
E. Will this be the only well on this tract? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO (if other wells are on this tract- see instructions)				WD 57 per call from Water Commissioner 4/11/96 CHECKS TRW396675 022096 60.00 DIV OF WATER RESOURCES 54			
				<b>RECEIVED</b> FEB 16 1996 COLD DIV OF WATER RESOURCES DIVISION 6 USE MD			

SEE 169276