COLORADO
Division of Water Resources
Department of Natural Resources

FORM 3.1/3.2 WELL MEASUREMENT VERIFICATION FORM-VER. 02/15/21

http://water.state.co.us/groundwater/GWAdmin/UseAndMeasurement

REASON FOR VERIFICATION (CHOOSE ONLY ONE) ■ Verify TFM (3.1) ☐ Re-seal TFM (3.1) ☐ Verify PCC (3.2)

METER LOCATION AND ASSOCIATED WELL INFORMATION: Well Description: 19856fp-NE-Sec.24-5N-44W-Dirks#2

WDID 1: 6505825 WDID 2: WDID 3: WDID 4:

TAMPER RESISTANT SEAL INFORMATION

Meter	Seal No.: DWR	New Seal No.:		Other:		Seal No.	New Seal No.
Register	Seal No.:	New Seal No.:		Other:		Seal No.	New Seal No.

REPLACEMENT OF EXISTING TFM (TFM ONLY): Date New TFM Installed: Date Previous TFM Removed:

Removed Meter Serial No: Removed Register Serial No.: Prev. TFM: ☐ Reading ☐ Estimate

NEW METER INFORMATION

Manufacturer: Model: Multiplier: No. Digits: Initial TFM Reading:

INSTALLED TFM (TFM ONLY) Units: ■ Ac-Ft ☐ Gal ☐ Ac-In ☐ Cu-Ft

Meter Serial No: 09-81396 Register Serial No.: K-Factor (if adjusted):

TEST METER LOCATION AND DISCHARGE PIPE INFORMATION: OD: 8.020 " Wall Thickness: 0.132 " ID: 7.756 "

TEST METER (COLLINS TUBE): ☐ Standard ☐ Overhung

GPM Factor: Stop Clamp Settings:

	1	2	3	4	5	6	7	8	9	10
Front:										
Back:										
	2-Point		2-Point		2-Point		10-Point			
Avg. of F/B:										

Avg. Collins: x GPM factor

Avg. QT (gpm): **(0,000.0)**

INSTALLED FLOW METER (TFM ONLY)

	Totalizer Readings (Acft)	Elapsed Time (min:sec)	Instantaneous (gpm) (Min. 10)
Stop:	715.1060	16 : 2.89	
Start:	715.0620	0 : 0.00	
Total:	0.0440	16.05 (Dec. Min.)	
	893.3	**Avg. QI (gpm) (0,000.0)**	

TEST METER (VOLUMETRIC OR ULTRASONIC)

	Reading (gal)	Elapsed Time (min:sec)		
Stop:	13,102.0	15 : 0.00	Spacer Setting:	5.983
Start:	0.0	0 : 0.00	Scale Factor:	1.04
Total:	13,102.0	15.00 (Dec. Min.)	Test Material:	
			Avg. QT (gpm) (0,000.0)	873.5

CALIBRATION COEFFICIENT (TFM ONLY)

QT= 873.5 / QI= 893.3 = 0.978 (to 0.000)

For CC greater than 1.050 or less than 0.950, Owner/Agent is REQUIRED to complete Owner/Agent Info and Variance Request.

STABILIZATION (PCC ONLY)

	Time (24:00)	Pumping Level or Discharge Rate (ft)	(gpm)	Pressure (psi)
1	:			44.0
2	:			
3	:			
4	:			
5	:			

DETERMINATION OF PD AND PCC (PCC ONLY)

	No. Revs.	Time (sec)	Rate (rev/sec)	Avg. Rate (0.0000)
1	18	61.87	0.2909	0.2905
2	18	62.03	0.2902	
3	18	62.09	0.2899	Pt: 1.0
4	18	61.84	0.2911	Ct: 40.0
5	18	61.97	0.2905	Kh: 1.8

PD=Avg.Rate x 3.6 x Pt x Ct x Kh= 75.30 kW (to 0.00)

PCC = (5433 x PD) ÷ (QT) = 468.4 kWh/af (to 0.0)

Sprinkler End Gun: ■ On ☐ Off ☐ None

OWNER/AGENT VARIANCE REQUEST (IF REQUIRED)

As Owner or Owner Agent, I hereby request a variance to Measurement Rules for use of a Correction Coefficient or Power Conversion Coefficient as represented on this test. I understand that this Coefficient (TFM or PCC) will be utilized to calculate diversions associated with this meter.

Requester Name:

POWER METER INFORMATION (PCC ONLY):

Serial No. 027-310-308 Reading 017625

Power Company Highline Multiplier: 40

USER CONTACT: Name/Entity: David Dirks Phone No.: 970-520-4144

TESTER STATEMENT: I hereby state that I am currently a person approved by the State Engineer to conduct well tests pursuant to the appropriate Rules Governing the Measurement of Ground Water Diversions. I have personally conducted measurement verification (TFM or PCC) of the above-described measurement device as required by the Rules/Program Standard. I understand that falsifying this test can subject me to a fine of up to $500.

Tester Name: Ken Moorhead Date of Well Test: 06/24/2025 Test Meter Serial No.: A2K7274T

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COMMENTS:

Highline meter was broken on initial test date. It was reported to highline and then was fixed on 26 June. On July 1, we went back and read the meter and attached the following picture. The ending reading when the old meter was taken out was 17630.