





UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
WATER RESOURCES DIVISION  
WYOMING DISTRICT

SUMMARY OF LEVELS

Sta. ID \_\_\_\_\_ Sta. Name \_\_\_\_\_

Party \_\_\_\_\_ Date \_\_\_\_\_

Purpose of Levels \_\_\_\_\_

Chain/Wire Weight found (not needed) at \_\_\_\_\_ HR.

Chain/Tape Length found (not needed) at \_\_\_\_\_ HR.

Corrected to (not needed) at \_\_\_\_\_ HR.

Instrument Type \_\_\_\_\_ S/N \_\_\_\_\_

Rod Length Checked Y N Two-Peg Test Date \_\_\_\_\_

Point	Elevation given	Mean elev. found	Diff
RM			
RM			
RM			
RM			
CK Bar <u>(not needed)</u>			

Time	OG	IG				WS	Diff

Levels computed by: \_\_\_\_\_ Checked by \_\_\_\_\_



Bl Posca Shim

1/21/05  
John, Kari

Notes  
 Very low flow present, -  
 changed scan rate  $\rightarrow$  10 sec  
 Ch. 1 = stage = 19.520  
 Ch. 2 = Air = 7.32 °C  
 Ch. 3 = WT = -99999  
 Ch. 4 = Volts = 14.608

Time 4r: 02 OK  
 Julian Day 347  $\rightarrow$  346  
 Time: 14:26  $\rightarrow$  OK

N2 tank - 1400 psi } ? is there a leak  
 - 1 wk ago ~ 1930 psi  
 N2 tank regulator ~ 10 psi

Canoflow not bubbling  
 appeared that canoflow not opens  
 closed (as should be)  
 open closed closed

N2  
 closed tank + purged canoflow  
 pressures both dropped

Reopened tank + canoflow  
 N2 tank press - 1400 psi  
 N2 regul press = 13 psi

Ch 1 = stage = 1.0255  
 Ch 2 = Air temp = 7.4821 °C  
 Ch. 3 = WT temp = -99999  
 Ch. 4 = Battery voltg = 14.608

SNOOD test - tank - reg connection - OK  
 reg - hose connection - OK  
 hose - canoflow connection - OK

To Do Next Time  
 Monitor N2 tank pressure



Station	B.S.	HT INST	F.S	Elev	Remarks
RM1	4.95			8.67	bolt 70' upstream
RM2	0.02				bolt 100' upstream
FLUME	12.36			3.81	US (N) Top R
Flume	14.85 <del>14.87</del>			1.32	US Bottom
on face	14.91 <del>14.91</del>			1.26	
flume	13.32 <del>13.30</del>			2.85	DS top left (South)
flume	15.56 <del>15.01</del>			0.61	DS Bottom
RM2	7.50	16.17		8.67	bolt 70' upstream
RM1	0.02				bolt 100' upstream

- ice in flume

- water temp w/ thermometer 40°F

- stage level in flume 2.01

but water was flowing in

thin sheet

water lower than orifice

@ ~ 1455

@ ~ 1458 water was flowing much higher

@ 1503 stage level 0.10

water samples taken after

increase in flow

air temp = 32°F

stage level 0.14 @ 15 22

stage level 1.42 @ 15 42