Mechanical Integrity Test
Tubing/Casing Annulus Pressure Test

U.S. Environmental Protection Agency
Underground Injection Control Program
1595 Wynkoop Street, Denver, CO 80202

EPA Witness: _____ Date: 9 / 23 / 2016
Test conducted by: Don Butterfield HS TESTING Inc
Others present: FRED ROTHANGE - HYDRO RESOURCES

Well Name: ECCV DI-2 Type: ER (SWD) **Status:** AC TA UC
Field: _____
Location: _____ Sec: 1 T 1 N/(S) R 66 E (W) County: ADAMS State: CO
Operator: EAST CHERRY CREEK VALLEY WATER & SANITATION
Last MIT: ___ / ___ / ___ **Maximum Allowable Pressure:** _____ **PSIG**

Regularly scheduled test? [ ] Yes [X] No
Initial test for permit? [X] Yes [ ] No
Test after well rework? [ ] Yes [X] No

Well injecting during test? If Yes, rate: _____ **bpd**
Pre-test annulus pressure: 1420# - BLED to 0 PSI (43 gal) **psig**

MIT DATA TABLE	*Test #1*	*Test #2*	*Test #3*
TUBING		***PRESSURE RECORD***	
Initial Pressure	932 psig	psig	psig
End of test pressure	927 psig	psig	psig
CASING / TUBING ANNULUS		***PRESSURE RECORD***	
0 minutes	1715 psig	psig	psig
5 minutes	1716 psig	psig	psig
10 minutes	1716 psig	psig	psig
15 minutes	1716 psig	psig	psig
20 minutes	1716 psig	psig	psig
25 minutes	1716 psig	psig	psig
30 minutes	1716 psig	psig	psig
_____ *minutes*	psig	psig	psig
_____ *minutes*	psig	psig	psig
RESULT	[X] *Pass* [ ] *Fail*	[ ] *Pass* [ ] *Fail*	[ ] *Pass* [ ] *Fail*

Does the annulus pressure build back up after the test ? no **If Yes,** _____ **psig.**

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

got to location & Bled off 43 gallons Fluid to 0 psi
pumped 54 gallons - Start Recording at 7:59 AM w/ 1715#
on Annulus & 932 on Tubing. - Finish 1716 on Annulus 927 Tbg.
After Test bleed Annulus to 0 psi Collected 55 gallons Fluid

Signature of Witness: Fred Rothauge.

OFFICE USE ONLY - COMPLIANCE FOLLOWUP

Staff _____ Date: ___/___/___

Do you agree with the reported test results? [ ] YES [ ] NO

If not, why?

Possible violation identified? [ ] YES [ ] NO

If YES, what

If YES - followup initiated? [ ] YES

[ ] NO - why not?

[ ] Data Entry [ ] Compliance Staff [ ] 2nd Data Entry [ ] Hardcopy Filing

Serial Number	159083		
Model	10KPSIXP2I	TICKET #	25481
Units	PSI		
Firmware Version	D0018	WELL NAME	ECCU-DI #2
Run Index	1		
Logging Type	Actual	ANNULAR PRESSURE BLED DOWN TO 0 PSI	
Logging Interval	60	PRESSURED 0 TO 1716 TOOK 54 GALLONS.	
Start Time	9/23/2016 7:59		
Stop Time	9/23/2016 8:31		

Time	Reading	Event	Event Data
0		Battery OK	
0		Logging Interval, 60	
0		Tare, 0	
0	1715		
60	1715		
120	1716		
180	1716		
240	1716		
300	1716		
360	1716		
420	1716		
480	1716		
540	1716		
600	1716		
660	1716		
720	1716		
780	1716		
840	1716		
900	1716		
960	1716		
1020	1716		
1080	1716		
1140	1716		
1200	1716		
1260	1716		
1320	1716		
1380	1716		
1440	1716		
1500	1716		
1560	1716		
1620	1716		
1680	1716		
1740	1716		
1800	1716		
1860	1716		
1920	1		

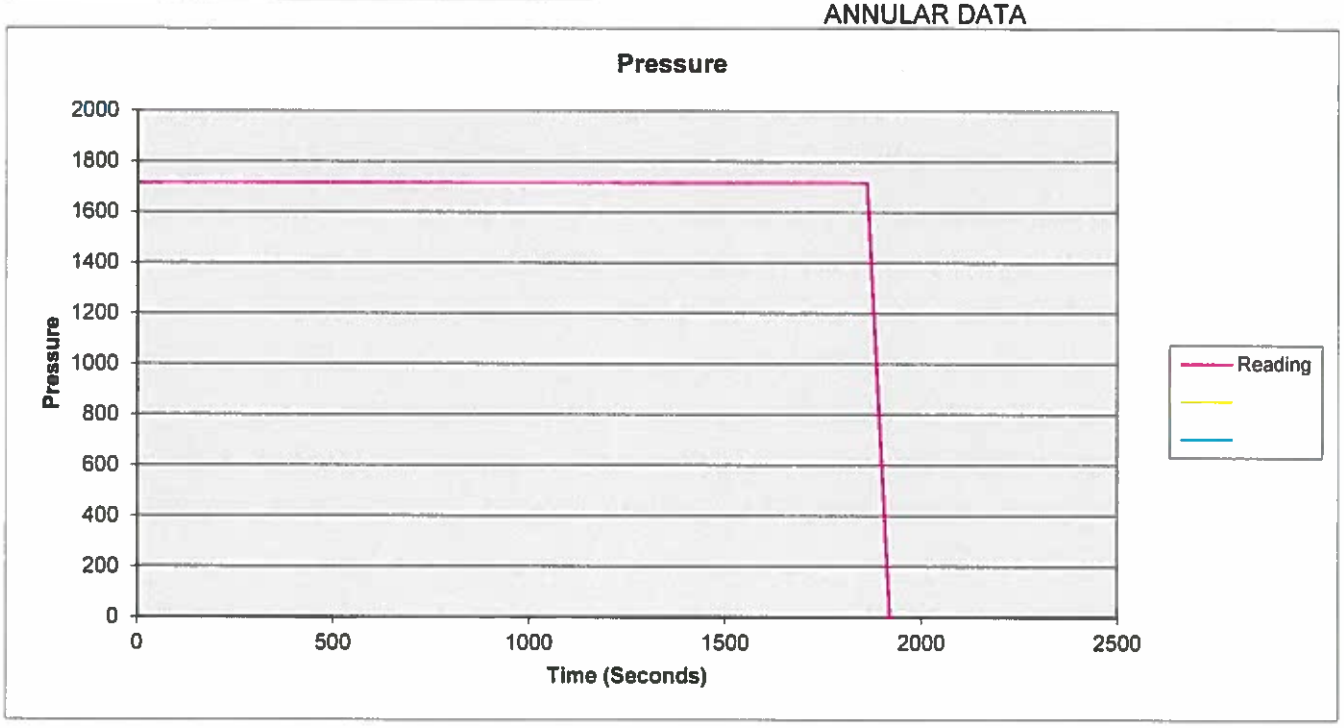
Data Collection Report

Gauge Information	
Serial Number	159083
Model	10KPSIXP2I
WELL NAME	ECCU-DI #2
Units	PSI

Run Info	
Start Time	9/23/16 7:59:34 AM
Stop Time	9/23/16 8:31:38 AM
Logging Interval	60

TICKET # 25481

ANNULAR DATA



Serial Number	352369		
Model	10KPSIXP2I	TICKET #	25481
Units	PSI		
Firmware Version	R0223	WELL NAME	ECCU-DI #2
Run Index	1		
Logging Type	Actual	TUBING PRESSURE:	
Logging Interval	60	TUBING HAD EXISTING PRESSURE THAT HELD AT	
Start Time	9/23/2016 7:59	927 PSI DURING TEST EVENT.	
Stop Time	9/23/2016 8:32		

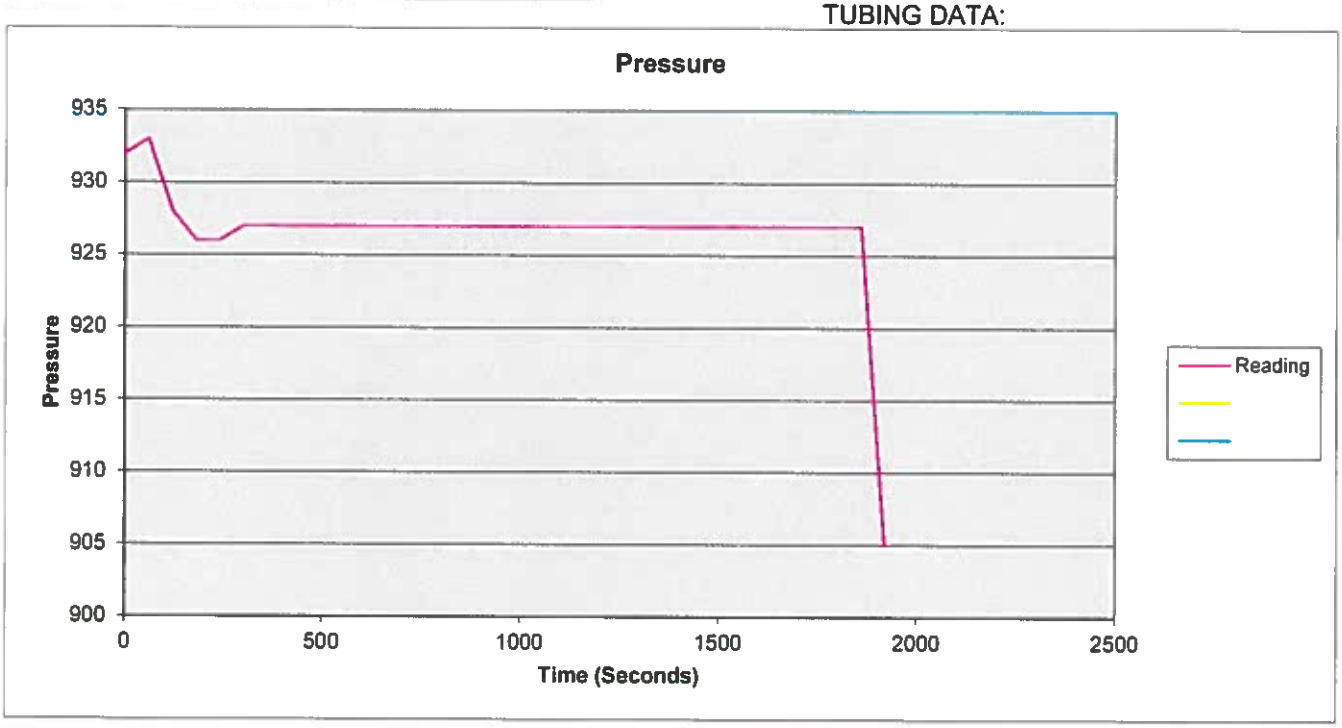
Time	Reading
0	
0	
0	
0	932
60	933
120	928
180	926
240	926
300	927
360	927
420	927
480	927
540	927
600	927
660	927
720	927
780	927
840	927
900	927
960	927
1020	927
1080	927
1140	927
1200	927
1260	927
1320	927
1380	927
1440	927
1500	927
1560	927
1620	927
1680	927
1740	927
1800	927
1860	927
1920	905

Event	Event Data
Battery OK	
Logging Interval, 60	
Tare, -2	

Data Collection Report

Gauge Information	
Serial Number	352369
Model	10KPSIXP2I
WELL NAME	ECCU-DI#2
Units	PSI

Run Info	
Start Time	9/23/16 7:59:47 AM
Stop Time	9/23/16 8:32:03 AM
Logging Interval	60

TICKET # 25481

TUBING DATA: