

**WV DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
PRE-OPERATION CERTIFICATE FOR LIQUID INJECTION
MECHANICAL INTEGRITY TEST RECORD**

MIT Date: _____
 Operator's Well Name / #: _____
 API#: 47- _____ - _____
 UIC Permit #: _____
 Field Name (2R only): _____

WELL OPERATOR _____

DESIGNATED AGENT _____

Address: _____

Address: _____

INJECTION FORMATION _____ Depth _____ feet (top) to _____ feet (bottom)
 Perforation Interval _____ or Open Hole Interval _____

INJECTION PERMIT TYPE

2D Commercial Disposal 2D Non-Commercial Disposal 2R Area Permit (EOR) 3S Solution Mining

INJECTATE TYPE (Check all that apply):

Produced Water Fresh Water Completion Flowback Water Tank & Pipeline Residuals
 Drilling Waste Liquids Solution Mining Waste Gas (2R) Other (Specify) _____

Additives (ie. biocides, inhibitors, etc.) _____

WELL CONSTRUCTION / CASING PROGRAM

CASING OR TUBING TYPE	SIZE	GRADE	WEIGHT PER FT.	NEW	USED	FOOTAGE USED IN DRILLING	FOOTAGE LEFT IN WELL	CEMENT USED
CONDUCTOR								
FRESH WATER								
COAL								
INTERMEDIATE								
PRODUCTION								
TUBING								
LINERS								

PACKER	TYPE:	SIZE:	DEPTH:
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MECHANICAL INTEGRITY TEST TYPE

Standard Annulus Pressure Test
 Is Test Annulus Filled? Yes No If Yes, Specify Fluid Type? _____
 Pump Line Test Other (Specify) _____

MAXIMUM PERMITTED WELLHEAD INJECTION PRESSURE _____ psi **MIT PRESSURE** _____ psi

MECHANICAL INTEGRITY TEST DESCRIPTION

(2R Area Permits: If multiple pump lines are tested together, please list wells serviced by the tested pump lines.)

API#: 47- _____ - _____

NOTE:

- If the well and the pump line are tested together the MIT pressure must be 1.5 times the maximum permitted injection pressure held for a minimum of 20 minutes with no more than a 5% loss.
- If the well is tested separately, the MIT pressure must be 1.5 times the maximum permitted injection pressure held for a minimum of 20 minutes with no more than a 5% loss.
- If the pump line is tested separately, the MIT pressure shall be the maximum permitted injection pressure plus 100 psi held for a minimum of 20 minutes with no more than a 5% loss. Multiple pump lines can be tested together.
- All MITs must be witnessed by a state inspector. A valid recording chart containing the inspector's signature must accompany this completed form.
- All MITs that fail must be submitted using this form and chart.
- Submit all MIT required documentation to OOG within 30 days of test.
- The mechanical integrity of this well must be demonstrated at least 5 years from this test date and each time work is completed on the well or pump line to continue injection.

The undersigned certify:

The MIT was performed on _____

The well and/or pump line:

demonstrated mechanical integrity or failed to demonstrate mechanical integrity.

The MIT was witnessed by _____, Inspector WVDEP - Office of Oil and Gas.

Permit Holder Company Name

Date

Agent or Responsible Party (Print Name)

Signature

Title

-----**Office of Oil and Gas Use Only:**-----

**THIS WELL IS AUTHORIZED FOR INJECTION
UP TO A MAXIMUM WELLHEAD INJECTION PRESSURE OF _____psi**

Special Conditions:

UIC Program Manager
WVDEP-Office of Oil and Gas

Date