



Oil and Gas Management



Online Mechanical Integrity Assessment Training Ritzer 5H Example

PADEP: Bureau of Oil and Gas Planning and Program
Management

Division of Well Plugging and Subsurface Activities

Form A: Ritzer 5H Example

Form A Use with Examples

- RITZER 5H: 3-String gas well with primary production through tubing assembly and annular gas is produced inside of intermediate casing
- Cased-hole completion and production string is anchored with cement below intermediate casing shoe
- Production annulus is under the wellhead
- All other casing strings cut off and cellar filled with gravel

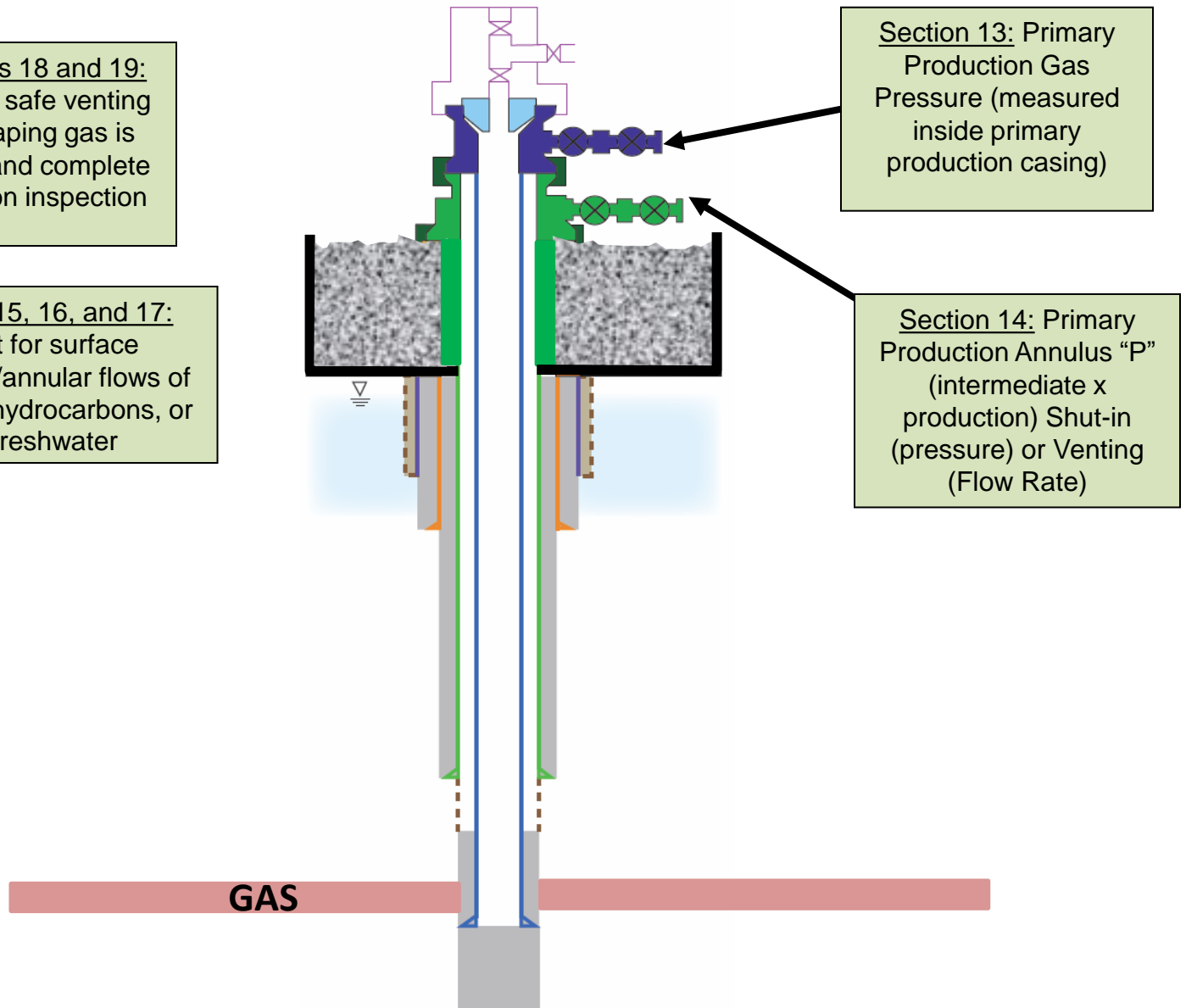
Form A: Ritzer 5H Example

Sections 18 and 19:
Confirm safe venting
(if escaping gas is noted) and complete
corrosion inspection

Sections 15, 16, and 17:
Inspect for surface
discharges/annular flows of
gas, liquid hydrocarbons, or
non-freshwater

Section 13: Primary
Production Gas
Pressure (measured
inside primary
production casing)

Section 14: Primary
Production Annulus "P"
(intermediate x
production) Shut-in
(pressure) or Venting
(Flow Rate)





pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

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Thank You

For questions, please contact:

Subsurface Activities Section

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