



Oil and Gas Management

Online Mechanical Integrity Assessment Training Swank 4H Example

PADEP: Bureau of Oil and Gas Planning and Program
Management

Division of Well Plugging and Subsurface Activities

Form A: Swank 4H Example

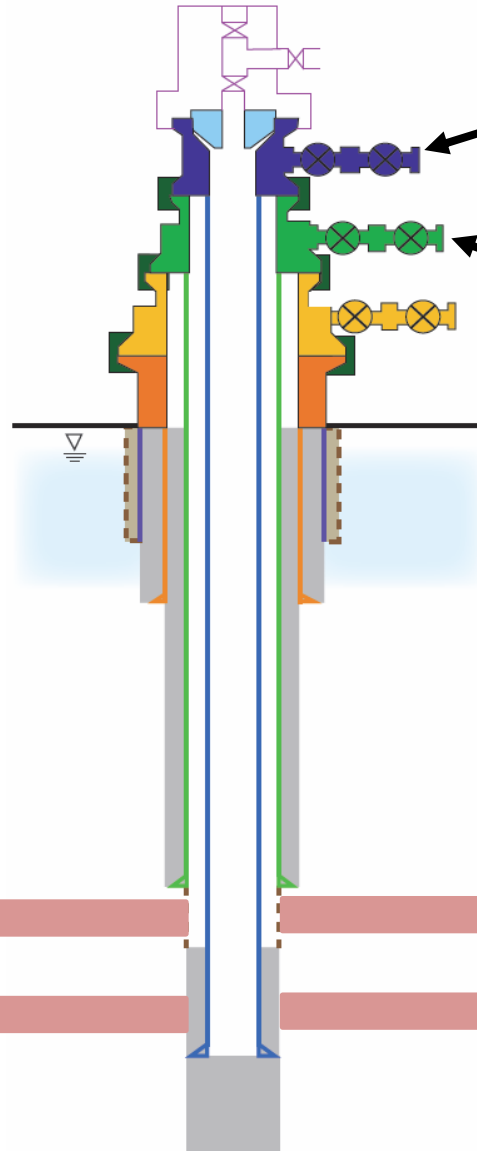
Form A Use with Examples

- SWANK 4H: 3-String gas well with annular production
- Primary production is 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

Form A: Swank 4H 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 13: Annular
Production Gas Pressure
(measured outside
production casing and
inside intermediate casing
"P")



pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Oil and Gas Management



Thank You

For questions, please contact:

Subsurface Activities Section

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