

RECOMMENDED ACTIONS FOR RESPONSE TO A GAS WELL INCIDENT

COMPLETIONS STAGE "Fracing"

BLOWOUT or WELL CONTROL INCIDENT (WITH FIRE)

- (1) Contact Tool Pusher and/or Consultant.
- (2) Determine if wells production is classified as Non-H2S or H2S
 - If Non-H2S production utilize Emergency Response Guidebook **Guide 115 (Natural Gas)** to initiate response actions.
 - If H2S production utilize Emergency Response Guidebook **Guide 117 (Hydrogen Sulfide)** to initiate response actions
 - If the production classification is unknown utilize Emergency Response Guide Book **Guide 117 (Hydrogen Sulfide)** to initiate response actions until the situation can be further evaluated & clarified.
- (3) Establish Site Security, Identify "HOT, WARM & COLD Zones. Begin Air Quality Sampling.
- (4) If fire is deemed controllable by Tool Pusher/Consultant, responders may begin fire suppression. If fire is uncontrollable, await Well Control Specialists and coordinate to protect Collateral Assets.
- (5) Respond & Treat Injured. If H2S gas is detected, decontaminate injured and notify medical personnel to avoid exposure or injury to response personnel.
- (6) Develop Liaison with Governmental Agencies as required.

BLOWOUT or WELL CONTROL INCIDENT (w/o Fire)

- (1) Contact Tool Pusher and/or Consultant.
- (2) Determine if wells production is classified as Non-H2S or H2S
 - If Non-H2S production utilize Emergency Response Guidebook **Guide 115 (Natural Gas)** to initiate response actions.
 - If H2S production utilize Emergency Response Guidebook **Guide 117 (Hydrogen Sulfide)** to initiate response actions
 - If the production classification is unknown utilize Emergency Response Guide Book **Guide 117 (Hydrogen Sulfide)** to initiate response actions until the situation can be further evaluated and determined.
- (3) Establish Site Security, Identify "HOT, WARM & COLD Zones. Begin Air Quality Sampling.
- (4) If fire is deemed controllable by Tool Pusher/Consultant, responders may begin fire suppression. If fire is uncontrollable, await Well Control Specialists and coordinate to protect Collateral Assets.
- (5) Respond & Treat Injured. If H2S gas is detected, decontaminate injured and notify medical personnel to avoid exposure or injury to response personnel.
- (6) Develop Liaison with Governmental Agencies as required.

RELEASE OTHER THAN FROM WELL (e.g., tanks, pits, etc)

- (1) Contact Tool Pusher and/or Consultant.
- (2) Determine source of Release.
- (3) Utilize Emergency Response Guide Book to initiate response action, based on material being released.
- (4) Establish Site Security, Identify "HOT, WARM & COLD Zones. Begin Air Quality Sampling.
- (5) Contain fluids through use of "DEFENSIVE PRACTICES" and diking outside spill area to insure spilled product cannot reach any ditches or streams.
- (6) Work with Tool Pusher and Drilling Consultant for dispatch of Spill control Response Team.
- (7) Continue to monitor spill control activities until Spill Response Team arrives.
- (8) Develop Liaison with Governmental Agencies as required.

INJURY ON SITE OR OTHER INCIDENT

- (1) Contact Tool Pusher and/or Consultant.
- (2) Assess incident/scenario (i.e. confined space, high angle/rope rescue, etc...) and determine appropriate response action.
- (3) Determine site safety needs are required to insure responder safety (Site Shutdown, electrical disconnect, etc...) and work with Site Supervisor & Crew to make area safe for responders to access individual(s) needing rescued.
- (4) Assess injury type
 - If a chemical is involved, have site crew advise of chemical type.
 - Secure chemicals from area & implement "DEFENSIVE PRACTICES".
 - Acquire MSDS Sheets for involved chemical.
- (5) Implement traffic control measures.
- (6) Transport of injured person(s).
- (7) Notification of Governmental Agencies as needed.

