

Mitigation



Location Checklist

Well/Battery Site Name: **Burton K25-69-1HNL**

Date Initiated: 9/5/2013

Setback Classification (check all that apply)

- ☐ Exception Zone If 'yes', _____ feet from nearest water body.
- ☐ Buffer Zone
- ☐ Urban Mitigation Area
- ☐ Designated Outside Area

Comments: Permitted prior to August 1, 2013

Type of Facility: 3 Well

Best Management Practices (BMPs)

Sound

Ambient Sound Survey (check all that apply)

- ☒ Baseline Survey Date: 9/5/2013
- ☐ Modeling
- ☐ Follow-up Survey

- If 'yes', please include the reason for the survey and date completed.

Permanent

Due to the proximity to offset landowners to the west (~350 ft) the facility should be located as far to the east as possible with the tanks set on the west side of the facility using the standard Halker 3-well design to act as a sound/visual buffer. An earthen berm installed along the west side of the property between the house and the facility will mitigate noise/visual impacts. A sound wall is an alternative to the bermed area.

Temporary

Corn stalk bales should be used along the west side of the drill pad and extending 200' along the south and north sides from the west. The use of equipment specific sound walls might be required around the rig generators in the event of sound impacts during operations.

Ongoing Evaluation (date/BMP change/reasoning)

Additional permanent location/equipment sound mitigation will be determined following sound surveys performed after facility startup.

Visual

Permanent

Same as sound mitigation.

Temporary

Position rigs light down and away from residence.

Ongoing Evaluation (date/BMP change/reasoning)

Mitigation

Traffic

Permanent

Access roads located off of WCR 42.

Temporary

Dust suppression (water trucks) will be used on the access roads and pads during construction, drilling, and completion activities.

Ongoing Evaluation (date/BMP change/reasoning)

Agricultural

Permanent

N/A

Temporary

N/A

Ongoing Evaluation (date/BMP change/reasoning)

Site Specific Measures (environmental, wildlife, security, etc.)

Steel containment with liner is required. Pad berm for the drilling rig pad. Water vaults lined. Confirm required stormwater BMPs in the stormwater plan.

Site Diagram

See attached layout diagram.

