

Montana Board of Oil and Gas Conservation
Environmental Assessment

Operator: Powder River Gas LLC.
Well Name/Number: State 1-36
Location: Lot 1 section 36 T4S R47E
County: Powder River MT; Field (or Wildcat) W/C

Air Quality

(possible concerns)
Long drilling time no
Unusually deep drilling (high horsepower rig) no
Possible H2S gas production No
In/near Class I air quality area no
Air quality permit for flaring/venting (if productive) no

Mitigation:

- Air quality permit (AOB review)
- Gas plants/pipelines available for sour gas
- Special equipment/procedures requirements
- Other: _____

Comments: Strat test -flaring of commercial quantities of gas is prohibited.

Water Quality

(possible concerns)
Salt/oil based mud No
High water table no
Surface drainage leads to live water no
Water well contamination no
Porous/permeable soils localized
Class I stream drainage no

Mitigation:

- Lined reserve pit
- Adequate surface casing
- Berms/dykes, re-routed drainage
- Closed mud system
- Off-site disposal of solids/liquids (in approved facility)
- Other: _____

Comments: will use fresh water, native clay mud. Water may not be produced.

Soils/Vegetation/Land Use

(possible concerns)
Steam crossings no
High erosion potential no
Loss of soil productivity no
Unusually large wellsite no
Damage to improvements no
Conflict with existing land use/values no

Mitigation:

- Avoid improvements (topographic tolerance)
- Exception location requested
- Stockpile topsoil
- Stream Crossing Permit (other agency review)
- Reclaim unused part of wellsite if productive
- Special construction methods to enhance reclamation
- Other: _____

Comments: No special concerns for this site. Very small location and pit area. Truck mounted rig does not require much location preparation.

Health Hazards/Noise

(possible concerns)
Proximity to public facilities/residences over ¼ mile
Possibility of H2S No
Size of rig/length of drilling time

Mitigation:

- Proper BOP equipment
- Topographic sound barriers
- H2S contingency and/or evacuation plan
- Special equipment/procedures requirements
- Other: _____

Comments: no special concerns for this area.

Wildlife/recreation

(possible concerns)

Proximity to sensitive wildlife areas (DFWP identified) no
Proximity to recreation sites none in immediate area
Creation of new access to wildlife habitat no
Conflict with game range/refuge management no
Threatened or endangered Species no

Mitigation:

 Avoidance (topographic tolerance/exception)
xx Other agency review (DFWP, federal agencies, DSL)
 Screening/fencing of pits, drillsite
 Other: _____

Comments: none in area.

Historical/Cultural/Paleontological

(possible concerns)

Proximity to known sites none identified

Mitigation

 avoidance (topographic tolerance, location exception)
xx other agency review (SHPO, DSL, federal agencies)
 Other: _____

Comments: location on state surface - no sites reported

Social/Economic

(possible concerns)

 Substantial effect on tax base
 Create demand for new governmental services
 Population increase or relocation

Comments: Long term cumulative effects on socio-economics of the region are unlikely.

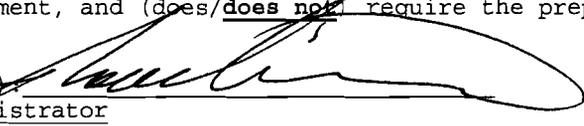
Remarks or Special Concerns for this site

Well is a shallow coal bed methane Stratigraphic test. No Commercial production, no discharge of water and no fluid testing is allowed.

Summary: Evaluation of Impacts and Cumulative effects

Relatively minor impacts associated with this project which is limited to coring and logging only.

I conclude that the approval of the subject Notice of Intent to Drill (does/does not) constitute a major action of state government significantly affecting the quality of the human environment, and (does/~~does not~~) require the preparation of an environmental impact statement.

Prepared by (BOCC) 
(title:) Administrator
Date: May 21, 2004
Other Persons Contacted:

(Name and Agency)

(subject discussed)

(date)

If location was inspected before permit approval:

Inspection date: _____

Inspector: _____

Others present during inspection: _____