

**Montana Board of Oil and Gas Conservation  
Environmental Assessment**

**Operator:** Continental Resources, Inc.  
**Well Name/Number:** Goss 2-26H  
**Location:** SW SW Section 26 T24N R54E  
**County:** Richland, MT; **Field (or Wildcat)** W/C (Bakken Horizontal)

**Air Quality**

(possible concerns)  
Long drilling time no, 50 to 60 days drilling time.  
Unusually deep drilling (high horsepower rig) no, 14,530' TD  
Possible H<sub>2</sub>S gas production slight  
in/near Class I air quality area no  
Air quality permit for flaring/venting (if productive) n/a

Mitigation:

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

Comments: no special concerns – using triplex rig to drill to 14,530' TD – 2 laterals

**Water Quality**

(possible concerns)  
Salt/oil based mud yes, freshwater and freshwater mud system on surface hole and oil based saltwater mud system on mainhole.  
High water table no  
Surface drainage leads to live water no  
Water well contamination no  
Porous/permeable soils no, bentonite soils  
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: 1600' of surface casing cemented to surface adequate to protect freshwater zones.

**Soils/Vegetation/Land Use**

(possible concerns)  
Stream crossings no, crossing.  
High erosion potential no, small cut and fill required.  
Loss of soil productivity no, location will be restored after drilling.  
Unusually large wellsite no, 450'X270' location size required.

Damage to improvements no  
Conflict with existing land use/values Slight

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

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### Health Hazards/Noise

(possible concerns)

Proximity to public facilities/residences closest residence ¼ mile to the west of location.

Possibility of H2S slight

Size of rig/length of drilling time Triple drilling rig/short 50 to 60 days drilling time

Mitigation:

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

Comments: no concerns

### Wildlife/recreation

(possible concerns)

Proximity to sensitive wildlife areas (DFWP identified) n/a None identified.

Proximity to recreation sites no

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)
- Other agency review (DFWP, federal agencies, DSL)
- Screening/fencing of pits, drillsite
- Other: \_\_\_\_\_

Comments: no concerns

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### Historical/Cultural/Paleontological

(possible concerns)

Proximity to known sites None identified

Mitigation

- avoidance (topographic tolerance, location exception)

other agency review (SHPO, DSL, federal agencies)

Other: \_\_\_\_\_

Comments: on private land

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### Social/Economic

(possible concerns)

Substantial effect on tax base

Create demand for new governmental services

Population increase or relocation

Comments: no concerns

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### Remarks or Special Concerns for this site

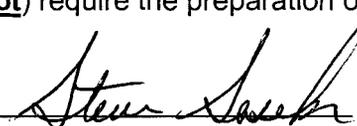
### Summary: Evaluation of Impacts and Cumulative effects

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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 (BOGC): Steven Sasaki 

(title:) Chief Field Inspector

Date: September 24, 2004

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Other Persons Contacted:

\_\_\_\_\_  
\_\_\_\_\_  
(Name and Agency)

\_\_\_\_\_  
(subject discussed)

\_\_\_\_\_  
(date)

If location was inspected before permit approval:

Inspection date: \_\_\_\_\_

Inspector: \_\_\_\_\_

Others present during inspection: \_\_\_\_\_