

Montana Board of Oil and Gas Conservation
Environmental Assessment

Operator: Continental Resources, Inc.

Well Name/Number: Wildman 1-2

Location: SE NE Sec 02 T32N R44E

County: Valley, MT; Field (or Wildcat) Wildcat
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 (AQB review)

 Gas plants/pipelines available for sour gas

 Special equipment/procedures requirements

 Other: _____

Comments: No special concerns

Water Quality

(possible concerns)

Salt/oil based mud Salt water mud

High water table no

Surface drainage leads to live water no

Water well contamination no

Porous/permeable soils no

Class I stream drainage no

Mitigation:

 Lined reserve pit

xx Adequate surface casing

 Berms/dykes, re-routed drainage

 Closed mud system

 Off-site disposal of solids/liquids (in approved facility)

 Other: _____

Comments: Surface casing adequate

Soils/Vegetation/Land Use

(possible concerns)

Stream 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

xx Stockpile topsoil

 Stream Crossing Permit (other agency review)

xx Reclaim unused part of wellsite if productive

 Special construction methods to enhance reclamation

 Other: _____

Comments: location is almost flat, <2' cut

Health Hazards/Noise

(possible concerns)

Proximity to public facilities/residences > ½ mile

possibility of H2S no

Size of rig/length of drilling time

Mitigation:

xx Proper BOP equipment

 Topographic sound barriers

 H2S contingency and/or evacuation plan

 Special equipment/procedures requirements

 Other: _____

Comments: no special concerns

Wildlife/recreation

(possible concerns)

Proximity to sensitive wildlife areas (DFWP identified) no
Proximity to recreation sites none in 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, TLMD)
 Screening/fencing of pits, drillsite
 Other: _____

Comments: no special concerns - well is on private land with controlled access.

Historical/Cultural/Paleontological

(possible concerns)

Proximity to known sites none identified

Mitigation

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

Comments: no special concerns

Social/Economic

(possible concerns)

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

Comments: no concerns

Remarks or Special Concerns for this site

Well is a 7150' Nisku Formation test.

Summary: Evaluation of Impacts and Cumulative effects

Impacts are minor and short term.

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): James W. Helverson
(title:) Geologist
Date: July 26, 2004

Other Persons Contacted:

(Name and Agency)

(subject discussed)

(date)

If location was inspected before permit approval:

Inspection date: _____

Inspector: _____

Others present during inspection: _____