

Montana Board of Oil and Gas Conservation
Environmental Assessment

Operator: Klabzuba Oil and Gas Inc.
Well Name/Number: Cottonwood 31-14-35-14
Location: SE SW 31 T35N R14E
County: Hill 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 (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 no
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
- Adequate surface casing
- Berms/dykes, re-routed drainage
- Closed mud system
- Off-site disposal of solids/liquids (in approved facility)
- Other: _____

Comments: Fresh mud - No special concerns - Surface casing OK

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
- Stockpile topsoil
- Stream Crossing Permit (other agency review)
- Reclaim unused part of wellsite if productive
- Special construction methods to enhance reclamation
- Other: _____

Comments: location requires minor dirt work.

Health Hazards/Noise

(possible concerns)
Proximity to public facilities/residences over 1/4 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

Wildlife/recreation

(possible concerns)

Proximity to sensitive wildlife areas (DFWP identified) none
Proximity to recreation sites none
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 special concerns

Historical/Cultural/Paleontological

(possible concerns)

Proximity to known sites none in area

Mitigation

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

Comments: no sites identified - location on State

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 2600' Judith River/Eagle/Niobrara test. Docket 153-2004 S ½ 31

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): 

(title:) Administrator

Date: June 23, 2004

Other Persons Contacted:

(Name and Agency)

(subject discussed)

(date)

If location was inspected before permit approval:

Inspection date: _____

Inspector: _____

Others present during inspection: _____