

Montana Board of Oil and Gas Conservation  
Environmental Assessment

Operator: Camwest II L.P.

Well Name/Number: Jerde 5H

Location: NW NW 10, T37N R57E

County: Sheridan, MT; Field (or Wildcat) Flat Lake Nisku Unit  
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:   No special concerns

Water Quality

(possible concerns)

Salt/oil based mud Yes

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:

xx 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: will use 12 mil liner, 1250' surface casing adequate. Free water disposed off-site. Salt mud used from shoe to top of laterals - fresh water used in surface hole and in laterals.

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: no special concerns

Health Hazards/Noise

(possible concerns)

Proximity to public facilities/residences over 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 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)  
 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 identified

Mitigation

avoidance (topographic tolerance, location exception)  
 other agency review (SHPO, DSL, federal agencies)  
 Other: \_\_\_\_\_  
Comments: no concerns

Social/Economic

(possible concerns)

Substantial effect on tax base  
 Create demand for new governmental services  
 Population increase or relocation  
Comments: no special concerns

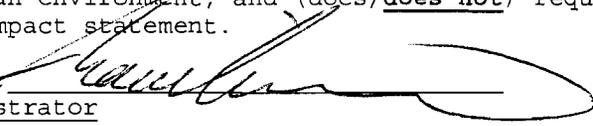
Remarks or Special Concerns for this site

Well is a 7,971 Nisku Test in Unit

Summary: Evaluation of Impacts and Cumulative effects

Only minor, short term impacts associated with this project.

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: November 10, 2003

Other Persons Contacted:

\_\_\_\_\_  
\_\_\_\_\_  
(Name and Agency)  
\_\_\_\_\_  
(subject discussed)  
\_\_\_\_\_  
(date)

If location was inspected before permit approval:

Inspection date: \_\_\_\_\_  
Inspector: \_\_\_\_\_  
Others present during inspection: \_\_\_\_\_