

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

Operator: Omimex Canada, Ltd. _____
Well Name/Number: Langabeer 14-17-35N-5W
Location: SE SW Section 17 T35N R5W
County: Glacier, MT; **Field (or Wildcat)** Cut Bank

Air Quality

(possible concerns)

Long drilling time: No, 3 to 4 days.

Unusually deep drilling (high horsepower rig): No, small single derrick drilling rig, 2875' TD.

Possible H2S gas production: No

In/near Class I air quality area: No

Air quality permit for flaring/venting (if productive): Yes, DEQ air quality permit required under 75-2-211.

Mitigation:

Air quality permit (AQB review)

Gas plants/pipelines available for sour gas

Special equipment/procedures requirements

Other: _____

Comments: No special concerns – using small rig to drill to 2875' TD.

Water Quality

(possible concerns)

Salt/oil based mud: No, freshwater, freshwater mud system and air.

High water table: No

Surface drainage leads to live water: No

Water well contamination: No, all nearby freshwater wells less than 350' in depth.

Closest water well is about 1/2 of a mile to the southwest of this location.

Porous/permeable soils: No, sandy bentonitic 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: 730' of surface casing cemented to surface adequate to protect freshwater zones if any. Also, fresh water mud systems to be used.

Soils/Vegetation/Land Use

(possible concerns)

Stream crossings: None

High erosion potential: No, small cut, up to 1.6' and small fill, up to 3.8', required.

Loss of soil productivity: No, location will be restored after drilling, if nonproductive. If productive unused portion of drillsite will be reclaimed.

Unusually large wellsite: No, 200'X200' location size required.

Damage to improvements: Slight, location is cultivated fields.

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: Will use existing county road and existing ranch trails. About 1/2 of a mile of new access road will be made to access the drilling location. Drilling fluids will be disposed on in a private reservoir, with surface owners approval. Cuttings will be buried in the earthen pits. Pits will be backfilled when dry. No special concerns

Health Hazards/Noise

(possible concerns)

Proximity to public facilities/residences: Buildings about 2 miles to the northwest and 2 miles east of this location.

Possibility of H2S: None

Size of rig/length of drilling time Small drilling rig/short 3 to 4 days drilling time

Mitigation:

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

Comments: Sufficient surface casing and working BOP should mitigate most issues and distance sufficient to mitigate any noise issues. No concerns

Wildlife/recreation

(possible concerns)

Proximity to sensitive wildlife areas (DFWP identified): None identified.

Proximity to recreation sites: None identified

Creation of new access to wildlife habitat: No

Conflict with game range/refuge management: No

Threatened or endangered Species: None identified.

Mitigation:

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

Comments: Private surface lands. No concerns.

Historical/Cultural/Paleontological

(possible 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: Private surface lands. No concerns.

Social/Economic

(possible concerns)

Substantial effect on tax base

Create demand for new governmental services

Population increase or relocation

Comments: No concerns. Development well is an existing oil and gas field, Cut Bank Oil & Gas Field.

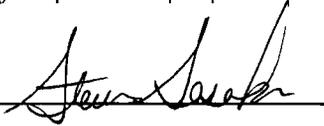
Remarks or Special Concerns for this site

Well is a 1958' Dakota Formation gas test.

Summary: Evaluation of Impacts and Cumulative effects

No long term impacts expected, some short term impacts will occur, but can be mitigated. This well is in the Cut Bank field which has had oil and gas production since the 1930's.

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: November 5, 2007

Other Persons Contacted:

Montana Bureau of Mines and Geology, GWIC
website

(Name and Agency)
Glacier County water wells

(subject discussed)
October 31, 2007

(date)

If location was inspected before permit approval:

Inspection date: _____

Inspector: _____

Others present during inspection: _____