

Montana Board of Oil and Gas Conservation  
Environmental Assessment

Operator: Robinson Oil Company, LLC  
Well Name/Number: Leck 32-1  
Location: SW SE NW Section 32 T34N R3E  
County: Toole MT; Field (or Wildcat) Wildcat

**Air Quality**

(possible concerns)  
Long drilling time no, 5 to 6 days drilling time.  
Unusually deep drilling (high horsepower rig) no, 2200' TD  
Possible H2S gas production slight possibility  
n/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 small rig to drill to 2200'

**Water Quality**

(possible concerns)  
Salt/oil based mud no, freshwater, freshwater mud system, air, air mist.  
High water table no  
Surface drainage leads to live water None  
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: 280' of surface casing cemented to surface adequate to protect freshwater zones. Also, air/air mist and/or fresh water mud systems to be used.

**Soils/Vegetation/Land Use**

(possible concerns)  
Stream crossings no, stream crossings  
High erosion potential no, small cut and fill required.  
Loss of soil productivity no, location will be restored after drilling  
Unusually large wellsite no, 200'X200' location size required.  
Damage to improvements slight, grasslands

Other: \_\_\_\_\_  
Comments: Private surface lands.

**Social/Economic**

(possible concerns)

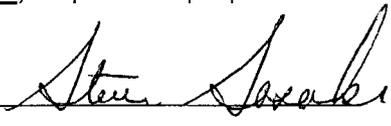
- Substantial effect on tax base
  - Create demand for new governmental services
  - Population increase or relocation
- Comments: no concerns

**Remarks or Special Concerns for this site**

Well is a 2100' Madison Formation test

**Summary: Evaluation of Impacts and Cumulative effects**

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: August 2, 2004

Other Persons Contacted:

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

If location was inspected before permit approval:  
Inspection date: \_\_\_\_\_  
Inspector: \_\_\_\_\_  
Others present during inspection: \_\_\_\_\_