

Montana Board of Oil and Gas Conservation
Environmental Assessment

Operator: Robinson Oil Company, LLC
Well Name/Number: Kanning 5-1
Location: SW NW Section 5 T33N 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, 2100' 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 2100'

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, cultivated field

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

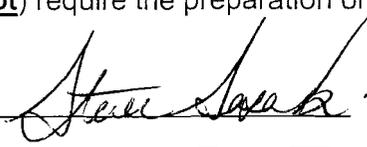
Remarks or Special Concerns for this site

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: _____