

Montana Board of Oil and Gas Conservation
Environmental Assessment

Operator: Croft Petroleum Company
Well Name/Number: Croft 3-2
Location: NE NW Sec 02 T36N R1E
County: Toole, MT; Field (or Wildcat) Kicking Horse

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: no special concerns-air drill and fresh water to point just above Bow Island-set 4.5 casing at that point.

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: no special concerns- in grassland

Health Hazards/Noise

(possible concerns)
Proximity to public facilities/residences >1 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: private surface - none identified

Social/Economic

(possible concerns)

- Substantial effect on tax base
- Create demand for new governmental services
- Population increase or relocation

Comments: no concerns

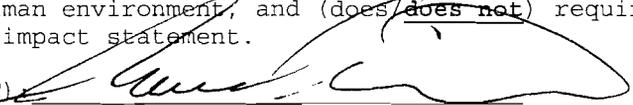
Remarks or Special Concerns for this site

Well is a 1300' Bow Island gas test in Kicking Horse Field -N ½ SU.

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: September 17, 2004
 Other Persons Contacted:

(Name and Agency)

(subject discussed)

(date)

If location was inspected before permit approval:

Inspection date: _____

Inspector: _____