

## 1

☒ Enhance  
☐ No Effect  
☐ Minor Impact  
☒ Major Impact.



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[illegible]

Lease

C-10488

Well No. & Location

NWNE Sec 10 - 27S - 70W

Huerfano Co. Colo.

ENVIRONMENTAL IMPACT ANALYSIS - ATTACHMENT 2-B

1. Proposed Action

- (1.) Atlantic Richfield Company proposes to drill a development gas test with rotary tools to a depth of approx 4550 TV.
- (2.) proposes to construct a drill pad 240' x 150' and construct a reserve pit approx 6' x 60' x 60'. <sup>Surf</sup> location is in conflict with 30 ctr. 221.20. Although it is to be deviated hole. propose to construct approx 1/2 mile of new road.

2. Location and Natural Setting (existing environmental situation)

Location falls on a mountain side with slope from southwest to northeast on the northeast side of Little Sheep Mountain.

Grade at Location Site is 8 to 10%.

Ground Surface is rocky with shallow topsoil. Vegetation is mostly oak brush with scattered pine and piñon.

Wildlife is the usual deer, elk, and assorted small wildlife.

There are no known endangered species and no evidence of archeological ~~site~~ or historical sites was noted.

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3. Effects on Environment by Proposed Action (potential impact)

The drilling and completion of a dry hole or failure would have little long term effect on the environment. Discovery of an oil or gas deposit would have a moderate effect in that the character of the area would be changed. If a discovery is made and a field developed careful planning would be required to avoid serious degradation.

There would be moderate scarring of the now natural area which would require 5-10 years to obliterate.

The drilling and associated traffic will add a minor amount of pollution to the air as well as temporarily disturb livestock and wildlife - has minor erosion potential

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4. Alternatives to the Proposed Action

Not Approving the proposed permit to Drill.

Denying the proposed permit and suggesting an alternate location where ~~environmental~~ environmental damage would be lessened. Such a location was found approx 250' east but Atlantic Richfield representative objected to moving the site due to the elevated hole & the btm hole target projected in NE 1/4 NW 1/4 of Sec 10.

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5. Adverse Environmental Effects Which Cannot Be Avoided

Temporary disturbance of livestock  
& wildlife.

Temporary mess due to drilling activity  
and requiring about 5-10 years to rehab

Detraction from aesthetics.

Minor air pollution due to  
rig exhaust and support traffic.

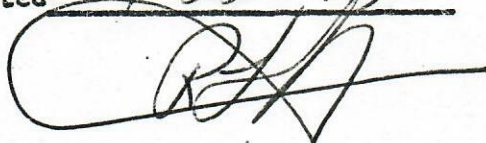
Minor induced and accelerated  
erosion due to surface disturbance.

6. Determination

(This requested action ~~does~~ (does not) constitute  
a major Federal action significantly affecting the  
environment in the sense of NEPA, Section 102(2) (c)).

Date Inspected

9-22-75



Geological Survey  
Casper District  
Casper, Wyoming

Salt Lake City

I concur Howard L. Wagner

Area manager

Fossil Energy Resource Area

Canon City District