

Connie Duak

DNRC - Tr

CHECKLIST ENVIRONMENTAL ASSESSMENT

RECEIVED

Division

MAR 08 2006

LEGISLATIVE ENVIRONMENTAL POLICY OFFICE

Project Name: Burlington Resources ELOB Unit Water Injector Plant
Proposed Implementation Date: Spring of 2006
Proponent: Burlington Resources
Location: T7N-R60E-Sec 36 Ne1/4, NE1/4
County: Fallon

I. TYPE AND PURPOSE OF ACTION

Burlington Resources has requested permission to construct a water injection plant and subsequent injection lines to aid in the continued development of the ELOB waterflood unit.

II. PROJECT DEVELOPMENT

1. PUBLIC INVOLVEMENT, AGENCIES, GROUPS OR INDIVIDUALS CONTACTED:

Provide a brief chronology of the scoping and ongoing involvement for this project.

Burlington Resources has completed the proper applications, and survey operations to begin drilling and construction of the well site.

2. OTHER GOVERNMENTAL AGENCIES WITH JURISDICTION, LIST OF PERMITS NEEDED:

None

3. ALTERNATIVES CONSIDERED:

Alternative A- Allow Burlington Resources to construct the injection plant project
Alternative B- Deny Burlington Resources the right to begin construction.

III. IMPACTS ON THE PHYSICAL ENVIRONMENT

- *RESOURCES potentially impacted are listed on the form, followed by common issues that would be considered.*
- *Explain POTENTIAL IMPACTS AND MITIGATIONS following each resource heading.*
- *Enter "NONE" if no impacts are identified or the resource is not present.*

4. GEOLOGY AND SOIL QUALITY, STABILITY AND MOISTURE:

Consider the presence of fragile, compactable or unstable soils. Identify unusual geologic features. Specify any special reclamation considerations. Identify any cumulative impacts to soils.

Alternative A- Some soil disturbance will occur at the construction site, pad and access road. There will be some cutting and leveling of the land in the project area. There are no fragile soils at this site. Soil consists of silty clay loam.

Alternative B- No Impact.

5. WATER QUALITY, QUANTITY AND DISTRIBUTION:

Identify important surface or groundwater resources. Consider the potential for violation of ambient water quality standards, drinking water maximum contaminant levels, or degradation of water quality. Identify cumulative effects to water resources.

Alternative A- Will impact through injection of water into the gas field, water source is typically supplied from produced water. Will not affect drinking water or water quality.

Alternative B- No Impact

6. AIR QUALITY:

What pollutants or particulate would be produced? Identify air quality regulations or zones (e.g. Class I air shed) the project would influence. Identify cumulative effects to air quality.

Alternative A- Pollutants and Particulates will be increased during the construction of the project. After the completion of the project pollutant and particulate levels will return to normal.

Alternative B- No Impact

7. VEGETATION COVER, QUANTITY AND QUALITY:

What changes would the action cause to vegetative communities? Consider rare plants or cover types that would be affected. Identify cumulative effects to vegetation.

Alternative A- There will be disruption to some of the vegetation currently growing at the site. Forage production of the site is fair; there will be little impact to the volume of production. After the reclamation has taken place the site will be seeded back to native grass species. Current plant species include Crested Wheatgrass (*Agropyron cristatum*), Western Wheatgrass (*Agropyron smithii*), Blue Grama (*Bouteloua gracilis*), Green Needlegrass (*Stipa viridula*) and Cheatgrass (*Bromus tectorum*)

Alternative B- No Impact

8. TERRESTRIAL, AVIAN AND AQUATIC LIFE AND HABITATS:

Consider substantial habitat values and use of the area by wildlife, birds or fish. Identify cumulative effects to fish and wildlife.

Alternative A- There will be minimal disruption to the wildlife that inhabit the area. The entire area is covered with oil and gas wells and all forms of wildlife seem to tolerate it.

Alternative B- No Impact

9. UNIQUE, ENDANGERED, FRAGILE OR LIMITED ENVIRONMENTAL RESOURCES:

Consider any federally listed threatened or endangered species or habitat identified in the project area. Determine effects to wetlands. Consider Sensitive Species or Species of special concern. Identify cumulative effects to these species and their habitat.

Alternative A- There is no evidence of any sensitive species habitats in the scope of the project.

Alternative B- No Impact

10. HISTORICAL AND ARCHAEOLOGICAL SITES:

Identify and determine effects to historical, archaeological or paleontological resources.

Alternative A- Alternative A- Upon inspection of the parcels by the Eastern Land Office staff no significant findings were noted on this parcel. Due to the small scope and previous disturbance of the parcel, no significant impacts should occur.

Alternative B- No Impact

11. AESTHETICS:

Determine if the project is located on a prominent topographic feature, or may be visible from populated or scenic areas. What level of noise, light or visual change would be produced? Identify cumulative effects to aesthetics.

Alternative A- This will change the appearance of the landscape until this site is no longer productive and reclaimed. Noise levels will be increased during the project but will return to normal after the completion.

Alternative B- No Impact

12. DEMANDS ON ENVIRONMENTAL RESOURCES OF LAND, WATER, AIR OR ENERGY:

Determine the amount of limited resources the project would require. Identify other activities nearby that the project would affect. Identify cumulative effects to environmental resources.

Alternative A-This project would have an effect on the amount of limited resources. The amount of additional gas production to be extracted is currently unknown. It could possible have an effect on nearby drilling operations but most of those belong to Burlington as well, and will have been effectively engineered by the company.

Alternative B- No Impact

13. OTHER ENVIRONMENTAL DOCUMENTS PERTINENT TO THE AREA:

List other studies, plans or projects on this tract. Determine cumulative impacts likely to occur as a result of current private, state or federal actions in the analysis area, and from future proposed state actions in the analysis area that are under MEPA review (scoped) or permitting review by any state agency.

None

IV. IMPACTS ON THE HUMAN POPULATION
--

- | |
|--|
| <ul style="list-style-type: none">• <i>RESOURCES potentially impacted are listed on the form, followed by common issues that would be considered.</i>• <i>Explain POTENTIAL IMPACTS AND MITIGATIONS following each resource heading.</i>• <i>Enter "NONE" if no impacts are identified or the resource is not present.</i> |
|--|

14. HUMAN HEALTH AND SAFETY:

Identify any health and safety risks posed by the project.

Alternative A- There may be potential safety risks for laborers but the potential risk is minimal with proper safety efforts.

Alternative B- No Impact

15. INDUSTRIAL, COMMERCIAL AND AGRICULTURE ACTIVITIES AND PRODUCTION:

Identify how the project would add to or alter these activities.

Alternative A- It would have a positive effect on Industrial, Commercial and Agricultural Activities and Production.

Alternative B- No Impact

16. QUANTITY AND DISTRIBUTION OF EMPLOYMENT:

Estimate the number of jobs the project would create, move or eliminate. Identify cumulative effects to the employment market.

Alternative A- This project has the potential to create jobs with further development possibilities.

Alternative B- No Impact

17. LOCAL AND STATE TAX BASE AND TAX REVENUES:

Estimate tax revenue the project would create or eliminate. Identify cumulative effects to taxes and revenue.

Alternative A- Potential tax revenue is currently unknown at this time.

Alternative B- No Impact

18. DEMAND FOR GOVERNMENT SERVICES:

Estimate increases in traffic and changes to traffic patterns. What changes would be needed to fire protection, police, schools, etc.? Identify cumulative effects of this and other projects on government services

Alternative A- Traffic would be increased but this is a remote area so little assistance would be needed. Traffic increases would consist of water plant construction, servicing and monitoring personnel and vehicles. There would be little or no need for additional government services.

Alternative B- No Impact

19. LOCALLY ADOPTED ENVIRONMENTAL PLANS AND GOALS:

List State, County, City, USFS, BLM, Tribal, and other zoning or management plans, and identify how they would affect this project.

Alternative A- No Impact

Alternative B- No Impact

20. ACCESS TO AND QUALITY OF RECREATIONAL AND WILDERNESS ACTIVITIES:

Identify any wilderness or recreational areas nearby or access routes through this tract. Determine the effects of the project on recreational potential within the tract. Identify cumulative effects to recreational and wilderness activities.

Alternative A- Recreational opportunities would stay mostly unchanged. The water plant and other equipment on site could affect the hunting potential of the section. All other recreational activities would remain unchanged.

Alternative B- No Impact

21. DENSITY AND DISTRIBUTION OF POPULATION AND HOUSING:

Estimate population changes and additional housing the project would require. Identify cumulative effects to population and housing.

Alternative A- No Impact

Alternative B- No Impact

22. SOCIAL STRUCTURES AND MORES:

Identify potential disruption of native or traditional lifestyles or communities.

Alternative A- No Impact

Alternative B- No Impact

23. CULTURAL UNIQUENESS AND DIVERSITY:

How would the action affect any unique quality of the area?

Alternative A- No Impact

Alternative B- No Impact

24. OTHER APPROPRIATE SOCIAL AND ECONOMIC CIRCUMSTANCES:

Estimate the return to the trust. Include appropriate economic analysis. Identify potential future uses for the analysis area other than existing management. Identify cumulative economic and social effects likely to occur as a result of the proposed action.

Alternative A- Allowing this project would generate revenue for the school trust the amount of which is currently unknown at this time. The additional revenue would be created through more efficient and productive gas wells in the area, many of which are on this state parcel

Alternative B- No Impact

EA Checklist Prepared By:	Name: Scott Aye	Date: 1-27-06
	Title: Land Use Specialist	

V. FINDING

25. ALTERNATIVE SELECTED:

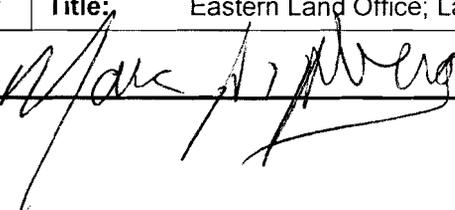
Alternative A

26. SIGNIFICANCE OF POTENTIAL IMPACTS:

Minimal and acceptable

27. NEED FOR FURTHER ENVIRONMENTAL ANALYSIS:

EIS
 More Detailed EA
 No Further Analysis

EA Checklist Approved By:	Name: Marc Aberg	
	Title: Eastern Land Office; Lands Program Manager	
Signature:		Date: 1/27/2006