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State of Utah
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DIVISION OF OIL, GAS AND MINING

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January 4, 2002

TO: Internal File

THRU: Pamela Grubaugh-Littig, Permit Supervisor *PKL*
Daron R. Haddock, Permit Supervisor *DRH*

FROM: Paul B. Baker, Sr. Reclamation Specialist/Biology *PB*

RE: Technical Field Visit, Plant Species, UtahAmerican Energy, Inc., Horse/Lila Canyon, C/007/013

Other Attendees: None

Date & Time: June 3, 1999, about 3:00-5:00 p.m.

PURPOSE:

The purpose of the field visit was to look for Despain footcactus, the Wright fishhook cactus, and to make a list of plant species occurring on the site.

OBSERVATIONS:

Although it would generally be considered late to find the Despain footcactus, I had seen and photographed this species near Mill Site Reservoir on May 27, 1999, one week prior to my visit to Lila Canyon. I did not find either cactus species but made a list of all other species I found at the site.

I was not able to identify some of the plants to the species level because they were not in the right phenological stage for positive identification. There were a few species I did not attempt to identify to species, and there were others where I was unsure of the identification. On the attached list, I made notes if I was uncertain of the correct identification, and I am confident of the information on this list.

Species observed at Lila Canyon June 3,
1999

Amelanchier utahensis
Artemisia tridentata
Astragalus spp.
Astragalus spp.
Astragalus lentiginosus
Atriplex confertifolia
Atriplex canescens
Bouteloua gracilis
Bromus tectorum
Castilleja spp.
Ceratoides lanata
Chenopodium album
Chrysothamnus viscidiflorus
Chrysothamnus nauseosus
Cryptantha flava
Cryptantha flavoculata
Descurainia pinnata
Echinocereus triglochidiatus
Elymus elymoides
Elymus salina
Ephedra viridis
Erigeron pumila
Erigeron spp.
Erigeron spp.
Erysimum asperum
Euphorbia spp.
Fraxinus anomala
Gilia aggregata
Gutierrezia sarothrae (but possibly *G.*
microcephala)
Hedysarum boreale
Hilaria jamesii
Hymenoxys richardsonii
Juniperus osteosperma
Lepidium montanum
Leptodactylon pungens
Lesquerella spp.
Opuntia spp.
Penstemon spp.
Phlox spp.
Polygala subspinosa
Purshia mexicana
Sclerocactus whipplei

Senecio spp.
Sphaeralcea grossulariaefolia
Stipa comata
Streptanthus cordatus
Symphoricarpos spp.
Tamarix spp.
Thelesperma subnudum
Townsendia jonesii
Yucca harrimaniae
Two other species not identified to family,
genus, or species. One may be a *Phacelia*
spp.
Unknown composite
Unknown mustard

TECHNICAL FIELD VISIT

RECOMMENDATIONS/CONCLUSIONS:

I was not able to find the Despain footcactus or the Wright fishhook cactus, but I feel it would be best to come back next year at a more ideal time for looking for these species.

cc: All Attendees
Price Field Office
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