



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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February 12, 1992

**TO:** *Pamela Grubaugh-Littig, Permit Supervisor*

**FROM:** *Tom Munson, Senior Reclamation Hydrologist* 

**RE:** *Cyprus-Plateau Exploration Plan, Wild Cattle Hollow, Cyprus-Plateau Mining Company, Star Point Mine, CEP/007/006-92B, Folder #2 and Exploration Folder, Carbon County, Utah*

## ANALYSIS

*Cyprus-Plateau submitted a plan on February 6, 1992, regarding the exploration of Wild Cattle Hollow and Yellow Brush Basin. Under Section 3482.1(a)(3)(iv)(E), the applicant states that "Every drill hole will possibly be converted to a TDR monitoring site or a groundwater monitoring well... Plans for the completion of the groundwater monitoring wells will be dependent upon the circumstances and data needed at that time. This reference constitutes a written request for permission to utilize the drill holes as monitoring points pursuant to 43 CFR 3484.1(a)(5) and elicits a specific written approval of the same."*

*This memo reiterates the need to expand this submittal into providing detailed information regarding monitoring well completion for any monitoring wells proposed for collecting data for the Castle Valley Ridge Tract. The monitoring well locations have not been identified. The applicant also has not provided any design information regarding the development of monitoring wells for water levels and quality. The applicant is reminded, that without detailed well design information regarding completion of any proposed monitoring wells, the Division cannot verify the validity of the data. As a consequence, it will not be considered in the permitting process.*

*There is no reference to sediment control, only the statement found under Section 3482.1(a)(3)(iv)(B), "Drainage will be controlled to prevent concentrated runoff across exposed soils." The applicant must also describe what sediment controls will be used in conjunction with any soil disturbance where sediments could potentially leave the drill site.*

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February 14, 1992

**RECOMMENDATIONS**

*The applicant will be required to address the performance standards of R645-202-200.*

- 1) *The applicant be required to submit a plan which addresses the details of groundwater monitoring well location, construction, installation, and monitoring.*
- 2) *The applicant be required to provide details on what areas will be disturbed and what sediment controls will be used to prevent additional contributions of suspended sediments from leaving the drill sites, including constructed roads, drill pads, etc.*

*jbe*  
*WCH*