



An Affiliate of Cyprus Coal Company
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May 5, 1989

Mr. Lowell Braxton
Division of Oil, Gas and Mining
355 West North Temple
III Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

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DIVISION OF
OIL, GAS & MINING

RE: Request For Information

Dear Mr. Braxton:

We have made application to the BLM to put up for lease the coal in the area known as The Castle Valley Ridge Lease Tract (CVRLT). This tract lies adjacent (north and west) to our current leases.

If we are the successful bidder on this tract, we will need it permitted by January of 1993. Since our current permit expires in August of 1992, we will have two major permitting actions in 1992, the permit renewal and permitting of the new CVRLT.

We would very much like to avoid the nightmare we both went through recently with the permit renewal and the New Lands permit actions. As you may recall, that process was a problem for The Division and it was a big problem for us. There must be some way to include both actions so as to prevent us from having to submit two sets of maps only to discard one set with the permitting of the CVRLT.

As you may be aware, during the coal leasing process a significant amount of environmental information has to be submitted to BLM and the Surface Management Agencies for review. An Environmental Assessment (EA) is made of the mineability of the tract. This procedure should greatly reduce the risk of "fatal flaws" in the permitting through the SMCRA and Utah Mining Code. Significant environmental issues will be identified and will either prevent the lease or will provide a basis for stipulations.

With the EA and leasing procedure in mind, would it be possible to submit one application to The Division including the permit renewal and the new CVRLT? This submission could be made earlier than one would normally make for a permit renewal alone, and maybe even earlier than one would normally make for a new permit. In this case, we could make the submission say in late 1991 or early 1992.

We would ask The Division to give this matter some careful consideration and we will discuss it at some future date.

We have already started gathering hydrologic baseline data on the CVRLT. Enclosed please find a map showing streams and springs on and near the

Whom will successful bid be awarded?

Would this avoid what we ran into with the New Lands and new lease?

tract. We have been monitoring the sites circled in red for some time. The other sites highlighted in yellow are those which might be impacted by mining.

We would like The Division to tell us which sites to monitor for baseline data. Enclosed you will also find Table 4, Discharge, temperature of water, and specific conductance from selected springs and mines, from a USGS publication titled Hydrology of Alkali Creek and Castle Valley Ridge Coal - Lease Tracts, Central Utah, and Potential Effects of Coal Mining (1988). This table gives flows for the springs shown on the enclosed map.

Please send us a letter including the sites which should be monitored.

We have made two stream inventories of the Little Park Stream, and will do two more in 1989, one in June and another in September.

Respectfully,



Ben Grimes
Sr. Environmental Engineer

ENC/pm

Chrono No: BG890504
FILE: ENV 2-5-2-20

*Rock - Please discuss
Thax Samuel 5-B*

Table 4.—Discharge, temperature of water, and specific conductance from selected springs and mines—Continued

Site identifier	Location (See page 5)	Altitude (feet)	Geologic unit	Date	Discharge (gal/min)	Temperature (°C)	Specific conductance (μ S/cm)
CASILE VALLEY RIDGE AREA							
CVS1	(D-14- 7)34abc-S1	9,350	Kb	07-03-86	2.9	5.5	500
CVS2	35dbc-S1	8,450	Ksp	07-01-86	-	6.5	810
CVS3	(D-15- 7) 1bcc-S1	8,640	Ksp	08-29-85	4.6	7.0	890
CVS4	1bcd-S1	8,400	Km	09-24-85	-	5.0	710
CVS5	2cbc-S1	9,120	Kb	08-27-85	.2	8.0	555
CVS6	2cda-S1	9,360	Kb	08-29-85	1.3	7.0	530
CVS7	2cdb-S1	9,600	Kb	08-29-85	.3	12.0	540
CVS8	2ddc-S1	8,720	Ksp	08-28-85	1.1	6.0	680
CVS9	3daa-S1	8,960	Kb	08-27-85	1.1	8.0	645
CVS10	3dbb-S1	8,640	Kb	08-27-85	1.1	8.0	645
CVS11	10aca-S1	8,640	Kb	09-23-85	2.5	5.0	600
CVS12	11aca-S1	9,700	Kpr	09-23-85	.4	8.5	360
CVS13	11acc-S1	9,420	Kog	07-23-85	7.0	6.0	430
				08-01-85	4.8	6.0	420
				08-19-85	4.8	6.5	-
				09-22-85	4.5	-	-
CVS14	11bdc-S1	9,200	Kb	09-23-85	12.9	5.5	520
CVS15	11cba-S1	9,360	Kb	09-23-85	4.7	2.5	500
CVS16	13adc-S1	9,990	TKnh	10-02-80	-	8.0	355
CVS17	14aad-S1	9,840	TKnh	06-03-86	28.9	3.0	325
CVS18	14acd-S2	9,800	TKnh	08-01-85	2.2	6.0	400
				08-19-85	.7	7.0	-
				06-03-86	29.3	9.0	360
				07-01-86	4.0	5.0	440
				07-31-86	2.3	6.0	430
				08-18-86	1.7	6.5	435
CVS19	15aad-S1	9,640	TKnh	08-01-85	-	-	430
				08-19-85	1.0	8.0	-
KMI	(D-15- 8)18ccc	8,320	Kb	01-14-86	-	9.5	805
KMA	19bbb	8,300	Kb	01-14-86	-	8.5	500
MP	(D-16- 8) 8dad-S1	7,800	Kb	10-15-85	-	12.0	1,020
				07-01-86	-	12.0	1,000