

Act/007/004
Draw # 2 + 6

AMAX COAL COMPANY

A Subsidiary of AMAX Coal Industries, Inc.

0032



June 18, 1992

BELLE AYR MINE

RECEIVED

JUN 22 1992

DIVISION OF
OIL GAS & MINING

Mr. Lowell Braxton
Utah Division of Oil, Gas & Mining
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Dear Lowell:

Enclosed is the latest data for the Castle Gate Mine subsidence monitoring. There is some confusing text in the MRP, but I read it to say that the next monitoring is due in 1994. If your interpretation is different, please let me know. The information is in Section 3.1-2 of the Castle Gate Mine Plan.

I am interested in knowing that if there is no mining in the next years, would the Division consider a temporary cessation to the monitoring program until mining begins (if no additional subsidence is being detected). Please advise on this issue.

Sincerely,

Richard H. Allison, Jr. P.E.
Project Supervisor

RHA:vsn
cg019

Enclosure

cc: Phil Dinsmoor
George Womack

What does the plan require?

CASTLE GATE COAL COMPANY
SUBSIDENCE MONITORING
BEAR CANYON

STATION	LOCATION	ELEVATION			CHANGE	
		5/81	8/82	5/92	Last	Acc.
TRP-1	Price Cyn.	6319.85	6319.85	6319.85	(Control Pt.)	
BZ-60	Bear Cyn.	6508.00	6508.00	6508.00	(Control Pt.)	
BZ-52	Bear Cyn.	6713.78	6713.76	6713.78	(Control Pt.)	
Sub-34	Bear Cyn.	6744.44	6744.57	6744.50	-0.07	+0.06
Sub-38	Bear Cyn.	6700.59	6700.67	6700.59	-0.08	0.00
Sub-63	Bear Cyn.	6546.54	6546.47	6545.29	-1.18	-1.25
Sub-64	Bear Cyn.	6406.63	6406.63	6406.66	+0.03	+0.03
Sub-71	Price Cyn.	6400.99	6400.76	6400.90	+0.14	-0.09

Notes:

- (1) The above referenced points represent the only subsidence and control points located within Bear Canyon and subsequently verified by survey.
- (2) Points were also located near the assumed locations of Sub. Nos. 58, 62, 66, 68 and 69 and then surveyed. Upon calculation of elevations and coordinates, it was determined that these unmarked points were not those assumed above.
- (3) Points 37, E-10, 17, 21, 65, 67 and 70 were searched for, but not found. It should be noted that these points were installed 11 years ago.
- (4) During the search for the points, any subsidence effects were to be noted. There were no fractures, slumps, rock falls or other subsidence-related effects noted within the canyon during this survey.

