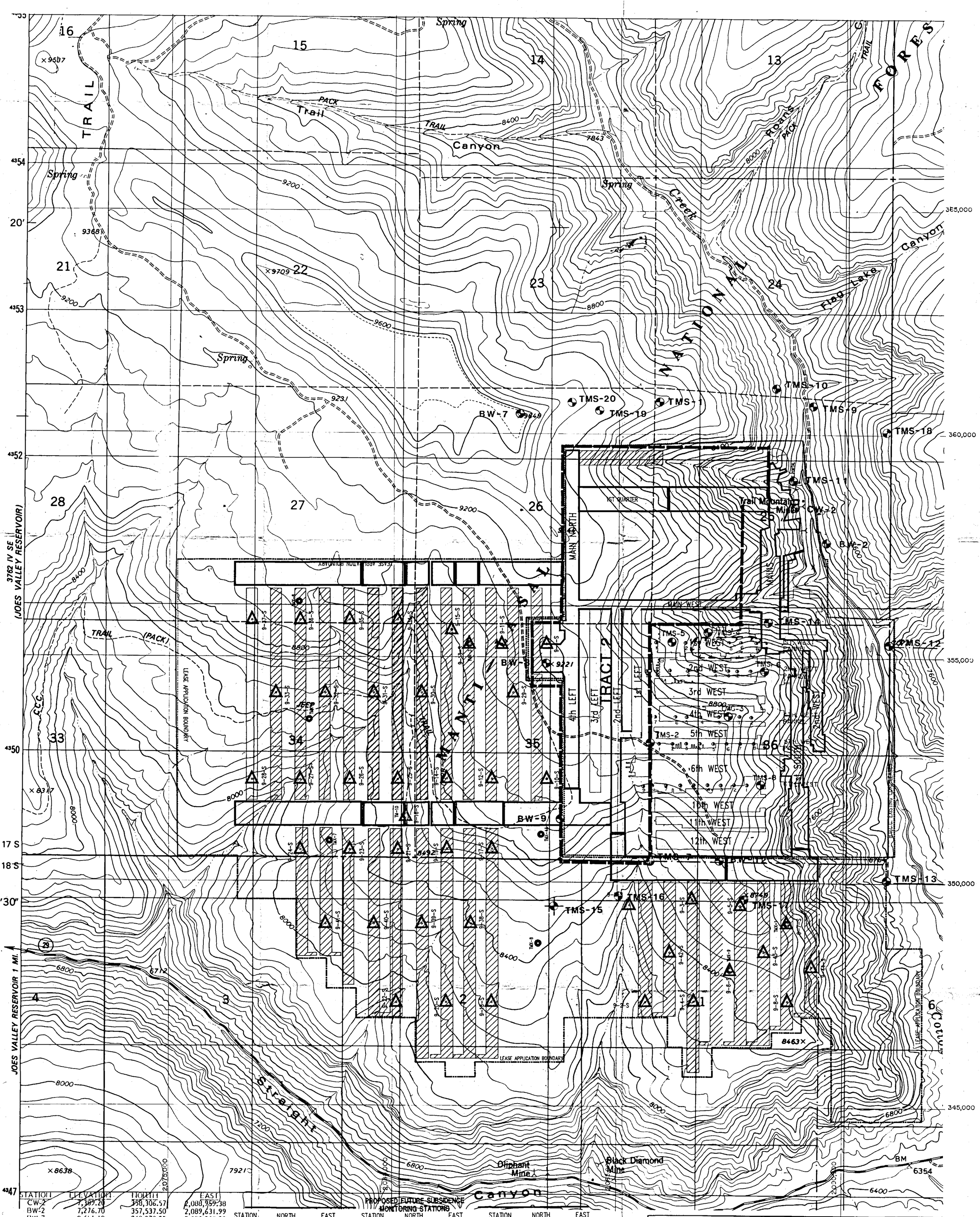

STATION	ELEVATION	NORTH	EAST
CW-2	7,389.20	358,306.57	2,088,959.38
BW-2	7,276.70	357,537.50	2,089,631.99
BW-7	9,641.18	360,378.25	2,082,930.39
BW-8	9,217.10	354,769.03	2,083,446.35
BW-9	8,982.30	351,293.22	2,083,846.88
BW-12	8,828.30	350,438.20	2,087,359.33
TMS-1	9,058.20	360,696.14	2,085,934.03
TMS-2	9,056.90	353,055.90	2,085,800.36
TMS-3	8,911.70	353,633.13	2,087,528.68
TMS-4	8,285.90	355,509.20	2,087,069.44
TMS-5	8,668.40	355,299.55	2,086,252.14
TMS-6	8,585.40	354,643.05	2,088,297.28
TMS-7	8,965.70	350,432.42	2,085,795.14
TMS-8	8,651.60	352,101.43	2,088,249.63
TMS-9	7,549.50	360,638.01	2,089,345.37
TMS-10	7,684.90	361,002.47	2,088,502.84
TMS-11	7,285.00	358,909.95	2,088,898.37
TMS-12	7,089.20	355,233.30	2,091,001.08
TMS-13	6,778.40	349,962.15	2,091,048.87
TMS-14	7,888.40	355,737.92	2,088,393.64
*TMS-15	8,559.79	349,453.97	2,083,594.51
*TMS-16	8,366.27	349,681.96	2,085,022.62
*TMS-17	8,750.09	349,614.42	2,087,839.44
*TMS-18	8,462.49	360,064.89	2,090,922.12
*TMS-19	9,248.67	360,618.20	2,084,580.51
*TMS-20	9,288.98	360,419.76	2,083,932.28

*1986 Survey Monuments

PROPOSED FUTURE SUBSIDENCE MONITORING STATIONS

STATION	NORTH	EAST	STATION	NORTH	EAST	STATION	NORTH	EAST
9-1-S	349425.0	2085460.8	9-25-S	352136.76	2079944.72	9-39-S	348918.20	2080482.85
9-2-S	347171.3	2085460.8	9-26-S	352136.76	2078878.64	9-40-S	348918.20	2079416.76
9-3-S	349425.0	2086525.4	9-27-S	352136.76	2077782.10	9-41-S	348918.20	2078340.52
9-4-S	347182.4	2085526.4	9-28-S	352136.76	2076705.86	9-42-S	348274.98	2085988.22
9-5-S	349425.0	2087555.9	9-29-S	354065.88	2082513.48	9-43-S	348274.98	2088079.64
9-6-S	347606.9	2086257.6	9-30-S	354065.88	2080482.84	9-44-S	347939.92	2089135.50
9-7-S	348598.3	2088552.0	9-31-S	354065.88	2079416.76			
9-8-S	347182.4	2088604.1	9-32-S	354065.88	2078340.52			
9-9-S	355142.3	2083255.2	9-33-S	354065.88	2077243.98			
9-10-S	352142.9	2083255.2	9-34-S	355690.37	2079944.73			
9-11-S	355142.3	2082261.9	9-35-S	355690.37	2078878.64			
9-12-S	351309.7	2082261.9	9-36-S	355690.37	2077782.10			
9-13-S	355465.0	2081690.3	9-37-S	355690.37	2076705.86			
9-14-S	351309.7	2081259.5	9-38-S	348918.20	2081569.24			
9-15-S	355142.3	2080721.8						
9-16-S	353281.1	2081972.8						
9-17-S	349425.0	2082025.7						
9-18-S	347171.3	2082025.7						
9-19-S	349425.0	2081016.3						
9-20-S	347171.3	2081016.3						
9-21-S	349425.0	2080052.1						
9-22-S	347171.3	2080052.1						
9-23-S	349425.0	2079051.8						
9-24-S	347802.3	2079051.8						

EXISTING LEASE BOUNDARY -----

PERMIT APPLICATION AREA (UTU-64375) —·—·—

AREAS OF 1 FOOT OR GREATER SUBSIDENCE

PROPOSED FUTURE SUBSIDENCE MONITORING STATION

CONCRETE MONUMENTS WITH HORZ. & VERT. CONTROL

ALL SHADED & HATCHED AREAS ARE PROPOSED MINING AREAS

Beaver Creek Coal Company
Trail Mountain No. 9 Mine

SUBSIDENCE MONUMENT PLAN

REVISION DATE	BY	
2/86	APC	GEOLOGY BY
7/86	APC	ENGINEERING BY
3/90	DG	SURVEYED BY
5/90	K.S.F.	PREPARED BY APC
6/90	LWJ	APPROVED BY
3/91	LWJ	SCALE 1" = 1000'

SHEET ____ OF ____

DWG. NO.

FIGURE 12-6

3/11/91