

Appendix 6.A

Navajo Transitional Energy ~~BHP Navajo Coal~~ Company Lease Boundary Description

NAVAJO MINE LEASE BOUNDARY DESCRIPTION

AUGUST 1991

[Handwritten signature]
SCOTT AND
NEW MEASUREMENTS
REGISTERED PROFESSIONAL LAND SURVEYOR
8825
8/16/91

[Handwritten signature]
SCOTT AND
NEW MEASUREMENTS
REGISTERED PROFESSIONAL LAND SURVEYOR
8825
09/29/93

1990 SURVEY BACKGROUND:

In 1990 the Navajo Tribe asked that the boundary descriptions of Navajo Mine be stamped by a New Mexico Registered Professional Surveyor and that they meet the Minimum Standards of New Mexico. Since there were no continuous sets of field notes to defend the boundaries it was decided to resurvey the boundaries. In April, 1990, field work was begun by Wilbert Benally and Ray Yazzie. The job was supervised and directed by Scott Andrae, a New Mexico Registered Professional Surveyor. The field work was completed by the same people in August, 1990. The notes were reduced and the boundaries computed and described by Scott Andrae.

A meeting was held between the Navajo Tribe and Navajo Mine to settle some questions about the survey. Since no section corners have been set north of Township 26 North, where areas 1, 2, & 3 of the Navajo Mine are situated, it was agreed that the existing monumentation set to satisfy Office of Surface Mining requirements be held as controlling monuments for the boundaries. These monuments are 4" steel posts, 4' high and painted orange. Since the lands where areas 4 & 5 of the Navajo Mine are situated were surveyed in 1982 by the B.L.M. Cadastral crews and section corners have been set, it was agreed that these section corners would control the boundaries in that area. This clarification was necessary for several reasons. The original lease is described as aliquot parts of sections, even though the land was unsurveyed, and much of it still is. There have been section corners set by the B.L.A. and by private surveyors. It became readily apparent that the B.L.M. had ignored these section corners when setting the new corners. The tribe held that only the B.L.M. corners were correct. No disturbance had yet occurred in areas 4 & 5, so adjusting the boundaries to the B.L.M. corners posed no problem. Since disturbance in areas 1, 2, & 3 was confined within the existing monumentation, using this monumentation also posed no problem.

Angular measurement was done with a Leitz TM-1 1" theodolite, cleaned and calibrated just prior to the job. Linear measurement was done with a Lietz Red 2L distance meter leased for the job, or a 100' steel tape when necessary. Angles and distances were shot to prisms mounted on a tripod over the sights. All backsight were taken from tripods over sights. Angles and distances were repeated and averaged. A series of loops were surveyed and closed. Closure accuracy was computed and, if acceptable, the loop was balanced and adjusted using the Compass rule. When side shots were necessary to establish the position of a point, the point was shot in from at least two separate positions.

A total of 10 solar observations were taken throughout the survey to check bearings. Deviation from solar observation never exceeded 2 minutes of arc.

Original Lease:

In the area previously subdivided by the B.L.M. all section corners needed to establish the mine boundaries were recovered. When necessary the sections were broken down further. These section subdivisions were based on standard procedures as set forth in B.L.M.'s "Manual of Surveying Instructions, 1973". No new corners were set during this survey.

Some of the original lease corners in areas 1, 2, & 3 have been destroyed. Several methods were used to re-establish these positions. In most cases where the original lease corners were gone, the area was flanked by amendment or EQ parcels. Where monuments of these parcels were found, they were held as evidence of the original lines. Lines were then intersected through these points to establish missing points. Sometimes it was necessary to begin at an established monument and go the record bearing and distance for several courses before closing in on another established monument. In all cases like this, the original lease boundary is flanked by amendment boundaries and is no longer an external boundary.

Amendment 2:

Amendment 2 parcels were re-established based upon found original monuments. When necessary, positions were re-established by intersecting lines using record bearings from existing found monuments. The north half of parcel 1 was released to the B.I.A. and the Navajo Tribe for the construction of N-36 highway. The right of way of N-36 is now the north boundary of parcel 1. This was re-established from found B.I.A. monuments, B.I.A. plats, and Navajo Mine plats.

Amendment 3:

The first five points of amendment 3 had been set. Point P5 was so far off that we chose to ignore it. Points P1-P4 were held as good. Points P5-P33 were computed from record bearing and distance. Point P34 was computed along the record bearing from P33 and intersection with the original lease based on the found section corners. No new points were set during this survey.

Amendment 4 A blocks:

Most of the monuments for Blocks B and D were recovered. None of the monuments for Blocks A and C were ever set. The

western boundary for both of these blocks is the railroad right of way boundary. No as built or metes and bounds description for the right of way exists. Neither the Navajo Tribe or Navajo Mine could produce adequate drawings for the railroad. A copy of the construction design drawings were obtained from a private surveyor in Farmington, N.M. . These were used for curve data and bearings. These drawings, plus the monuments recovered on the original lease boundary were used to describe these two blocks.

Area 3 amendment:

All but one of the corners for this parcel were recovered. L 111 was placed through a bearing intersection on the original lease boundary.

EQ Parcels:

The majority of these parcel monuments were recovered. Where none were found original bearings or distances were used to determine original positions.

A new coordinate system was used in this survey. Point L 120 is zero north and zero east for this system. Bearings are based on B.L.M. bearings. These coordinates could be transformed and rotated to the mine coordinates if desired.

1991 Survey Background:

Beginning in the spring of 1991, Wilbert Benally and Ray Yazzie, under the supervision of Scott Andrae, set the remaining monuments on the Navajo Mine boundary. The survey lasted 3 months. Monuments consisted of 2" aluminum caps set on 18" rebar. The caps were stamped with Scott Andrae's registration number, 9625, as well as the Navajo Mine point number. All of the points in areas 4 & 5 that were not B.L.M. brass caps, were set. All of the "P" points in Amendment 3 were set. Missing points in on the external boundaries of areas 1,2, & 3 were set. These points were set from the computed coordinates from the previous year's survey. The same theodolite was used, and a leased Geodimeter distance meter was used.

Final mapping was done by Ron VanValkenberg at Navajo Mine, based upon draft maps and information produced by Scott Andrae at San Juan Mine.

Original lease - 24,210.96 acres

Beginning at the north 1/4 corner of Sec. 6, T.26 N.,
R.15 W., N.M.P.M., also called L 120;

thence, S.00°09'59"E., 5,278.72' to the south 1/4 corner of
said Sec. 6, also called L 122;

thence, S.00°04'50"E., 5,279.64' to the north 1/4 corner of
Sec. 18, T.26 N., R.15 W., N.M.P.M., also called L 124;

thence, S.00°05'09"E., 3,960.21' to the south 1/16 corner of
said Sec. 18, also called L 126;

thence, S.89°58'43"W., 1,320.42' to the southwest 1/16
corner of said Sec. 18, also called L 128;

thence, S.00°03'58"E., 1,320.16' to the west 1/16 corner of
said Sec. 18 and Sec. 19, T.26 N., R.15 W., N.M.P.M., also
called L 130;

thence, S.89°57'56"W., 1,262.07' to the northwest corner of
said Sec. 19, also called L 132;

thence, S.00°00'05"W., 2,641.54' to the west 1/4 corner of
said Sec. 19.

thence, S.00°00'17"E., 1,319.29' to the south 1/16 corner of
said Sec. 19 and Sec. 24, T.26 N., R.16 W., N.M.P.M., also
called L 134;

thence, N.89°58'58"W., 2,639.17' to the south 1/16 of said
Sec. 24, also called L 136;

thence, S.00°00'27"W., 1,319.80' to the south 1/4 corner of
said Sec. 24, also called L 138;

thence, S.00°00'58"W., 1,319.99' to the north 1/16 corner of
Sec. 25, T.26 N., R.16 W., also called L 140;

thence, S.89°59'24"E., 1,319.83' to the northeast 1/16
corner of said Sec. 25, also called L 142;

thence, S.00°00'42"W., 1,320.08' to the east 1/16 corner of
said Sec. 25, also called L 144;

thence, S.89°59'11"E., 1,319.92' to the east 1/4 corner of
said Sec. 25, also called L 146;

thence, S.00°00'34"W., 2,640.22' to the southeast corner of
said Sec. 25, also called L 148;

thence, S.00°00'19"W., 2,640.12' to the east 1/4 corner of
Sec. 36, T.26 N., R.16 W., N.M.P.M.;

thence, S.00°00'51"W., 2,639.98' to the southeast corner of said Sec. 36, also called L 150;

thence, S.00°00'32"W., 2,639.91' to the east 1/4 corner of Sec. 1, T.25 N., R.16 W., N.M.P.M., also called L 152;

thence, N.89°59'44"W., 2,641.26' to the center 1/4 corner of said Sec. 1;

thence, N.89°59'46"W., 1,320.83' to the west 1/16 corner of said Sec. 1, also called L 154;

thence, S.00°03'15"W., 2,640.03' to the west 1/16 corner of said Sec. 1 and Sec. 12, T.25 N., R.16 W., N.M.P.M., also called L 156;

thence, S.00°00'23"W., 1,320.07' to the northwest 1/16 corner of said Sec. 12, also called L 158;

thence, S.89°59'33"E., 1,321.34' to the north 1/16 corner of said Sec. 12, also called L 160;

thence, S.00°00'13"W., 1,320.10' to the center 1/4 corner of said Sec. 12, also called L 162;

thence, S.89°59'28"E., 1,321.31' to the east 1/16 corner of said Sec. 12, also called L 164;

thence, S.00°00'34"W., 2,640.08' to the east 1/16 corner of said Sec. 12 and Sec. 13, T.25 N., R.16 W., N.M.P.M., also called L 166;

thence, S.00°00'18"W., 2,639.48' to the east 1/16 corner of said Sec. 13;

thence, S.00°00'17"W., 2,640.47' to the east 1/16 corner of said Sec. 13 and Sec. 24, T.25 N., R.16 W., N.M.P.M., also called L 168;

thence, S.00°04'07"W., 2,640.06' to the east 1/16 corner of said Sec. 24, also called L 170;

thence, N.89°59'22"W., 1,317.75' to the center 1/4 corner of said Sec. 24;

thence, N.89°59'23"W., 2,641.86' to the west 1/4 corner of said Sec. 24, also called L 175;

thence, N.89°59'26"W., 5,278.24' to the east 1/4 corner of Sec. 22, T.25 N., R.16 W., N.M.P.M., also called L 173;

thence, N.89°57'56"W., 5,277.06' to the west 1/4 corner of

said Sec. 22, also called L 171;

thence, N.00°00'36"E., 2,640.24' to the northwest corner of said Sec. 22, also called L 169;

thence, N.89°57'54"W., 2,642.16' to the south 1/4 corner of Sec. 16, T.25 N., R.16 W., N.M.P.M., also called L 167;

thence, N.00°00'11"E., 5,280.46' to the north 1/4 corner of said Sec. 16, also called L 165;

thence, N.00°00'23"W., 2,640.35' to the center 1/4 corner of Sec. 9, T.25 N., R.16 W., N.M.P.M., also called L 163;

thence, S.89°58'06"E., 1,321.92' to the east 1/16 corner of said Sec. 9, also called L 161;

thence, N.00°00'11"E., 2,640.01' to the east 1/16 corner of said Sec. 9 and Sec. 4, T.25 N., R.16 W., N.M.P.M., also called L 159;

thence, S.89°58'19"E., 1,322.35' to the southeast corner of said Sec. 4, also called L 157;

thence, N.00°02'43"W., 2,640.16' to the east 1/4 corner of said Sec. 4, also called L 155;

thence, S.89°58'41"E., 2,638.23' to the center 1/4 corner of Sec. 3, T.25 N., R.16 W., N.M.P.M., also called L 153;

thence, N.00°00'17"E., 1,321.24' to the north 1/16 corner of said Sec. 3, also called L 151;

thence, S.89°59'15"E., 1,319.38' to the east 1/16 corner of said Sec. 3, also called L 149;

thence, N.00°01'30"E., 1,320.69' to the east 1/16 corner of said Sec. 3 and Sec. 34, T.26 N., R.16 W., N.M.P.M., also called L 147;

thence, S.89°57'49"E., 1,319.85' to the southeast corner of said Sec. 34, also called L 145;

thence, N.00°00'18"E., 1,320.12' to the east 1/16 corner of said Sec. 34 and Sec. 35, T.26 N., R.16 W., N.M.P.M., also called L 143;

thence, S.89°58'36"E., 2,640.87' to the south 1/16 corner of said Sec. 35;

thence, S.89°57'37"E., 1,320.49' to the southeast 1/16 corner of said Sec. 35, also called L 141;

thence, N.00°00'36"W., 1,320.44' to the east 1/16 corner of said Sec. 35;

thence, N.00°03'01"E., 2,637.76' to the east 1/16 corner of said Sec. 35 and Sec. 26, T.26 N., R.16 W., N.M.P.M., also called L 139;

thence, N.00°00'45"E., 2,640.03' to the east 1/16 corner of said Sec. 26;

thence, N.00°00'45"E., 2,640.38' to the east 1/16 corner of said Sec. 26 and Sec. 23, T.26 N., R.16 W., N.M.P.M., also called L 137;

thence, N.00°00'37"E., 2,640.70' to the east 1/16 corner of said Sec. 23;

thence, N.00°00'35"E., 2,638.71' to the east 1/16 corner of said Sec. 23 and Sec. 14, T.26 N., R.16 W., N.M.P.M., also called L 135;

thence, N.00°01'06"W., 2,640.27' to the east 1/16 corner of said Sec. 14;

thence, N.00°03'44"W., 2,641.77' to the east 1/16 corner of said Sec. 14 and Sec. 11, T.26 N., R.16 W., N.M.P.M., also called L 133;

thence, N.00°01'36"E., 2,640.80' to the east 1/16 corner of said Sec. 11, also called L 131;

thence, N.89°59'22"W., 1,320.77' to the center 1/4 corner of said Sec. 11, also called L 129;

thence, N.00°02'11"E., 2,637.12' to the south 1/4 corner of Sec. 2, T.26 N., R.16 W., N.M.P.M., also called L 127;

thence, N.00°02'47"W., 1,320.54' to the south 1/16 corner of said Sec. 2, also called L 125;

thence, S.89°59'54"W., 1,320.76' to the southwest 1/16 corner of said Sec. 2, also called L 123;

thence, N.00°02'16"W., 1,320.16' to the west 1/16 corner of said Sec. 2;

thence, N.00°02'16"W., 2,638.82' to the west 1/16 corner of said Sec. 2 and the unsurveyed section and township to the north, also called L 121;

thence, N.89°58'49"W., 1,320.05' to the northwest corner of said Sec. 2, also called L 119;

thence, N.89°58'47"W., 2,640.17' to the north 1/4 corner of Sec. 3, T.26 N., R.16 W., N.M.P.M.;

thence, N.89°58'13"W., 1,320.33' to a monument marked L 117;

thence, N.00°11'15"W., 5,303.28', entering unsurveyed lands, to a monument marked L 115;

thence, N.89°59'25"E., 1,319.92' to a monument marked L 113;

thence, N.00°00'29"W., 5,280.00' to a point called L 111;

thence, N.00°00'32"E., 5,281.59' to a monument marked L 109;

thence, S.89°56'49"E., 1,319.23' to a monument marked L 107;

thence, N.00°11'49"E., 2,642.32' to a monument marked C 77;

thence, N.00°05'44"W., 2,637.69' to a point called L 105;

thence, west, 1,320.00' to a point called L 103;

thence, N.00°00'20"E., 3,960.37' to a monument marked L 101;

thence, N.89°58'39"E., 1,319.38' to a monument marked L 99;

thence, N.00°00'25"E., 1,319.64' to a monument marked L 97;

thence, N.00°00'28"E., 5,282.09' to a monument marked L 95;

thence, N.89°55'24"E., 1,320.19' to a monument marked L 93;

thence, S.89°59'16"E., 2,640.92' to a monument marked L 91;

thence, N.00°01'56"W., 1,320.39' to a monument marked L 89;

thence, S.89°59'10"E., 1,319.10' to a monument marked L 87;

thence, N.00°18'40"E., 1,842.34' to a monument marked E 12B;

thence, N.00°42'39"W., 797.35' to a monument marked L 85;

thence, N.89°47'32"E., 637.50' to a point called E 11A;

thence, S.89°47'26"E., 682.79' to a monument marked L 83;

thence, N.00°10'46"W., 1,322.25' to a monument marked L 81;

thence, S.89°51'21"E., 1,044.90' to a monument marked E 10A;

thence, S.89°48'34"E., 1,573.53' to a monument marked L 79;

thence, N.00°34'44"E., 2,645.47' to a monument marked L 77;
thence, S.89°57'54"E., 2,640.49' to a monument marked L 75;
thence, N.89°52'07"E., 2497.27' to a monument marked L 73;
thence, north, 1,320.42', to a point called L 71;
thence, east, 1320.23' to a monument marked L 69;
thence, north, 1320' to a point called L 67;
thence, N.89°59'14"E., 1,321.07' to a point called L 65;
thence, north, 1,320.00' to a monument marked L 63;
thence, east, 1,320.00' to a point called L 61;
thence, north, 1,718.00' to a point called P 13A;
thence, north, 2242.00' to a point called L 59;
thence, N.01 00'00"E., 1,320.00' to a point called L 57;
thence, N.89°54'16"W., 747.64' to a monument marked E 8D;
thence, S.89°52'31"W., 572.37' to a monument marked L 55;
thence, N.01°08'43"W., 1,131.78' to a monument marked E 7A;
thence, N.00°07'14"W., 190.04' to a point called L 53;
thence, N.89°59'36"W., 324.62' to a monument marked E 7B;
thence, N.89°59'36"W., 995.38' to a monument marked L 51;
thence, N.02°08'00"E., 625.30' to a monument marked E 6A;
thence, N.00°39'17"W., 2,065.86' to a monument marked L 49;
thence, N.00°01'22"E., 1,269.71' to a monument marked L 47;
thence, S.89°09'34"E., 600.27' to a monument marked P 11A;
thence, N.89°14'10"E., 1,550.56' to a monument marked P 11E;
thence, S.89°27'51"E., 1,466.73' to a monument marked P 10A;
thence, N.89°41'24"E., 342.71' to a point called L 43;
thence, N.00°05'34"E., 1,086.62' to a monument marked L 41;

thence, N.89°46'34"E., 1,790.96' to a point called L 39;
thence, N.00°35'05"W., 1,925.31' to a monument marked P 9B;
thence, N.00°33'12"E., 2,034.89' to a point called L 37;
thence, east, 1,320.00' to a point called L 35;
thence, north 1,320.00' to a point called L 33;
thence, north, 1,320.00' to a monument marked L 31;
thence, N.89°56'42"E., 1,313.43' to a monument marked L 29;
thence, N.00°47'06"W., 800.82' to a monument marked P 7B;
thence, N.01°12'38"E., 519.37' to a monument marked L 27;
thence, S.89°24'51"E., 481.78' to a monument marked P 6A;
thence, N.89°39'48"E., 838.26' to a monument marked L 25;
thence, N.01°02'57"W., 1,324.37' to a monument marked P 6B;
thence, N.00°46'55"E., 1,316.79' to a monument marked L 23;
thence, S.89°49'58"E., 813.13' to a monument marked P 5A;
thence, S.89°49'57"E., 481.58' to a point called L 21;
thence, N.00°46'38"E., 667.15' to a monument marked P 5B;
thence, N.00°46'38"E., 657.97' to a monument marked L 19;
thence, S.89°40'24"E., 661.05' to a monument marked P 4A;
thence, S.89°40'24"E., 643.42' to a point called L 17;
thence, N.00°22'16"E., 672.54' to a monument marked P 4B;
thence, N.00°22'16"E., 655.99' to a monument marked L 15;
thence, S.89°13'10"E., 401.13' to a monument marked P 3A;
thence, S.89°13'10"E., 918.86' to a point called L 13;
thence, N.00°06'01"E., 1,325.35' to a point called L 11;
thence, N.89°26'57"W., 459.17' to a monument marked P 3B;
thence, N.89°26'57"W., 860.83' to a monument marked L 9;

thence, N.00°22'24"W., 887.75' to a monument marked E 2C;
thence, N.00°25'02"W., 387.25' to a point called L 7;
thence, N.01°33'09"E., 1,354.05' to a point called L 5;
thence, N.89°13'11"W., 480.68' to a monument marked P 2D;
thence, N.89°40'37"W., 860.42' to a monument marked L 3;
thence, north, 1,139.05 to a point on the south right of way
boundary of Highway N-36;
thence, N.48°36'28"E., 13.10' along said right of way;
thence, S.41°23'20"E., 100.00' along said right of way;
thence, N.48°36'28"E., 300.00' along said right of way;
thence, N.41°23'20"W., 100.00' along said right of way;
thence, N.48°36'28"E., 94.85' along said right of way to the
beginning of a curve to the right;
thence, 505.08' along said right of way and curve to the end
of the curve, said curve having a radius of 2,764.79', a
chord length of of 504.38', and a chord bearing of
N.53°50'28"E;
thence, N.59°04'28"E., 1811.56' along said right of way;
thence, east, 2,977.32' to a point called L 4;
thence, south, 1,320.00' to a point called L 6;
thence, N.89°37'54"E., 449.44' to a monument marked E 24B;
thence, S.89°48'29"E., 862.57' to point called L 8;
thence, S.00°22'29"W., 1,762.38' to a monument marked P 14H;
thence, S.00°44'00"E., 2,776.50' to a monument marked P 14A;
thence, S.00°40'03"W., 2,061.52' to a monument marked L 12;
thence, S.89°59'40"W., 1,313.23' to a monument marked L 14;
thence, S.00°01'53"W., 1,321.35' to a monument marked L 16;
thence, N.89°59'55"W., 1,311.28' to a monument marked L 18;
thence, S.00°01'24"W., 2,641.05' to a monument marked L 20;

thence, S.89°57'49"W., 2,350.11' to a monument marked E 22A;
thence, S.89°57'45"W., 275.03' to a point called L 22;
thence, S.00°01'09"W., 300.00' to a monument marked E 22B;
thence, S.00°00'57"W., 2,341.03' to a monument marked L 24;
thence, S.89°58'39"W., 2,449.73' to a monument marked E 21A;
thence, N.89°40'43"W., 171.83' to a point called L 26;
thence, S.00°52'03"W., 201.23' to a monument marked E 21B;
thence, S.00°02'04"E., 5,081.67' to a monument marked L 28;
thence, S.89°58'31"W., 451.26' to a monument marked L 30;
thence, S.00°05'14"E., 1,084.45' to a monument marked L 32;
thence, west, 1,318.45' to a point called L 34;
thence, south, 1,321.14' to a monument called L 36;
thence, S.89°58'58"W., 1,320.68' to a monument marked L 38;
thence, S.00°04'05"E., 5,281.65' to a monument marked L 40;
thence, N.89°58'29"E., 2,640.51' to a monument marked L 42;
thence, S.00°04'10"E., 5,281.83' to a monument marked L 44;
thence, S.00°04'17"E., 1,320.46' to a monument marked L 46;
thence, S.89°58'51"W., 1,320.50' to a monument marked L 48;
thence, S.00°04'20"E., 1,320.41' to a monument marked L 50;
thence, S.89°58'34"W., 1,050.50' to a monument marked E 18A;
thence, S.89°59'34"W., 270.01' to a point called L 52;
thence, S.00°01'36"E., 319.98' to a monument marked E 18B;
thence, S.00°04'58"E., 1,000.36' to a monument marked L 54;
thence, S.89°59'24"W., 1,723.63' to a point called B1;
thence, S.89°59'24"W., 6,188.85' to a monument marked L 58;
thence, S.00°27'53"W., 1,320.88' to a monument marked L 60;

thence, S.00°02'59"E., 5,282.67' to a monument marked L 62;
thence, S.89°58'10"W., 2,526.47' to a monument marked L 64;
thence, S.00°00'14"W., 1,320.00' to a monument marked L 66;
thence, N.89°53'22"W., 1,320.47' to a monument marked L 68;
thence, S.00°00'14"W., 2,641.01' to a monument marked L 70;
thence, N.89°58'52"W., 2,640.87' to a monument marked L 72;
thence, S.00°00'45"W., 1,321.07' to a monument marked L 74;
thence, N.89°58'34"W., 2,639.88' to a monument marked L 78;
thence, S.00°00'26"W., 3,961.79' to a monument marked L 80;
thence, N.89°59'05"W., 1,320.44' to a monument marked L 82;
thence, S.00°00'39"W., 1,320.82' to a monument marked L 84;
thence, N.89°59'49"W., 2,640.89' to a monument marked L 86;
thence, S.00°00'47"W., 5,282.49' to a monument marked L 88;
thence, N.89°56'06"E., 1,320.39' to a monument marked L 90;
thence, S.00°00'33"E., 1,320.22' to a monument marked L 92;
thence, S.89°59'33"E., 1,319.98' to a monument marked L 94;
thence, S.00°00'42"W., 1,320.39' to a monument marked L 96;
thence, S.89°58'36"E., 1,320.86' to a monument marked L 98;
thence, S.00°00'17"E., 1,320.27' to a monument marked L 100;
thence, N.89°59'18"E., 1,320.33' to a monument marked L 102;
thence, S.00°00'37"E., 1,320.21' to a monument marked L 104;
thence, N.89°59'23"E., 1,320.76' to a monument marked L 106;
thence, S.00°02'02"E., 5,282.58' to a monument marked L 108;
thence, S.00°02'01"E., 1,320.13' to a monument marked L 110;
thence, N.89°57'58"E., 1,320.42' to a monument marked L 112;
thence, S.00°01'36"E., 1,320.26' to a monument marked L 114;

thence, N.89°59'42"E., 2,641.16' to a monument marked L 116;

thence, N.89°59'59"E., 2,563.08' to a monument marked L 118;

thence, S.00°03'06"E., 2662.97' to the point of beginning
and containing 24,210.96 acres, more or less.

Basis of bearing is the north line of the northwest 1/4 of
Sec. 6, T.26 N., R.15 W., N.M.P.M. .

Monuments are 4" steel orange steel posts 4' high, with the exception of L 118
and L 116 which are B.I.A./ Utah Construction brass caps.

Amendment 2 - 512.20 acres

Parcel 1

Beginning at a point on the south right of way boundary of highway N-36 from which the north 1/4 corner of Sec. 6, T.26 N., R.15 W., N.M.P.M. bears S.10°57'30"W., 76,445.73';

thence, N.59°04'28"E., 1,465.37' along said right of way to a B.I.A. monument marked 904+95.21 which is the beginning of a curve to the right;

thence, along said curve and right of way 748.67' to the end of the curve and a B.I.A. monument marked 913+00, said curve having a radius of 1,334.91', a chord length of 738.90', and a chord bearing of N.75°08'25"E.;

thence, S.01°09'30"W., 70.18' along said right of way to a B.I.A. monument marked 913+00 which is the beginning of a curve concave to the south;

thence, 281.80' along said curve and right of way to the end of the curve and a B.I.A. monument marked 916+20.07, said curve having a radius of 1,259.44', a chord length of 281.21', and a chord bearing of S.82°19'50"E.;

thence, S.75°55'14"E., 480.14' along said right of way to a B.I.A. monument marked 921+00;

thence, N.14°03'26"E., 69.90' along said right of way of a to a B.I.A. monument marked 921+00;

thence, S.73°45'28"E., 900.00' along said right of way;

thence, S.16°14'32"W., 100.00' along said right of way;

thence, S.73°45'28"E., 380.00' along said right of way;

thence, N.16°14'32"E., 100.00' along said right of way;

thence, S.73°45'16"E., 34.35' along said right of way to a B.I.A. monument marked 934+13.55;

thence, S.75°53'10"E., 299.60' along said right of way;

thence, S.00°36'11"W., 340.77' to a monument marked E 1, also called P 1H;

thence, S.44°38'12"W., 1,466.55' to a monument marked E 24A;

thence, S.44°06'54"W., 391.23' to a point called L 6;

thence, north, 1,320.00' to a point called L 4;
thence, west, 2,977.32' to the point of beginning, and
containing 78.13 acres, more or less.

Basis of bearing is the north line of the northwest 1/4 of
Sec. 6, T.26 N., R.15 W., N.M.P.M. .

Parcel 2

Beginning at a monument marked P 2D from which the north 1/4 corner of Sec. 6, T.26 N., R.15 W., N.M.P.M. bears S.10°16'26"W., 73,589.48';

thence, S.89°13'11"E., 480.68' to a point called L 5;

thence, S.01°33'09"W., 1,354.05' to a point called L 7;

thence, S.00°25'02"E., 387.25' to a monument marked E 2C;

thence, S.89°35'14"W., 1,849.47' to a monument marked P 2B;

thence, N.28°15'46"E., 434.69' to a monument marked P 2C;

thence, N.40°58'45"E., 1,825.12' to the point of beginning and containing 48.57 acres, more or less.

Basis of bearing is the north line of the northwest 1/4 of Sec. 6, T.26 N., R.15 W., N.M.P.M. .

Monuments are 4" orange steel posts, 4' high.

Parcel 3

Beginning at a monument marked P 3B from which the north 1/4 corner of Sec. 6, T.26 N., R.15 W., N.M.P.M. bears S.11°41'33"W., 71,244.59';

thence, S.89°26'57"E., 459.17' to a point called L 11;

thence, S.00°06'01"W., 1,325.35' to a point called L 13;

thence, N.89°13'09"W., 918.86' to a monument marked P 3A;

thence, N.19°19'31"E., 1,395.90' to the point of beginning and containing 20.94 acres, more or less.

Basis of bearing is the north line of the northwest 1/4 of Sec. 6, T.26 N., R.15 W., N.M.P.M. .

Monuments are 4" orange steel posts, 4' high.

Parcel 4

Beginning at a monument marked P 4B from which the north 1/4 corner of Sec. 6, T.26 N., R.15 W., N.M.P.M. bears S.11°19'09"W., 69,143.37';

thence, S.00°22'16"W., 672.54' to a point called L 17;

thence, N.89°40'24"W., 643.42' to a monument marked P 4A;

thence, N.44°04'55"E., 931.11' to the point of beginning and containing 4.97 acres, more or less.

Basis of bearing is the north line of the northwest 1/4 of Sec. 6, T.26 N., R.15 W., N.M.P.M. .

Monuments are 4" orange steel posts, 4' high.

Parcel 5

Beginning at a monument marked P 5A from which the north 1/4 corner of Sec. 6, T.26 N., R.15 W., N.M.P.M. bears S.10°08'02"W., 66,852.74' ;

thence, N.36°23'28"E., 826.96' to a monument marked P 5B;

thence, S.00°46'38"W., 667.15' to a point called L 21;

thence, N.89°49'58"W., 481.58' to the point of beginning and containing 3.69 acres, more or less.

Basis of bearing is the north line of the northwest 1/4 of Sec. 6, T.26 N., R.15 W., N.M.P.M. .

Monuments are 4" orange steel posts, 4' high.

Parcel 6

Beginning at a monument marked P 6A from which the north 1/4 corner of Sec. 6, T.26 N., R.15 W., N.M.P.M. bears S.09°06'00"W., 63,971.56';

thence, N.31°29'07"E., 1,558.53' to a monument marked P 6B;

thence, S.01°02'57"E., 1,324.37' to a monument marked L 25;

thence, S.89°39'48"W., 838.26' to the point of beginning and containing 12.74 acres, more or less.

Basis of bearing is the north line of the northwest 1/4 of Sec. 6, T.26 N., R.15 W., N.M.P.M. .

Monuments are 4" orange steel posts, 4' high.

Parcel 7

Beginning at a monument marked P 7A from which the north 1/4 corner of Sec. 6, T.26 N., R.15 W., N.M.P.M. bears S.08°24'08"W., 62,515.12';

thence, N.31°14'39"E., 945.00' to a monument marked P 7B;

thence, S.00°47'06"E., 800.82' to a monument marked L 29;

thence, S.89°10'37"W., 501.18' to the point of beginning and containing 4.61 acres, more or less.

Basis of bearing is the north line of the northwest 1/4 of Sec. 6, T.26 N., R.15 W., N.M.P.M. .

Monuments are 4" orange steel posts, 4' high.

Parcel 8

Beginning at a point called L 37 from which the north 1/4 corner of Sec. 6, T.26 N., R.15 W., N.M.P.M. bears S.06°44'41"W., 59,622.70';

thence, N.26°33'54"E., 2,951.61' to a monument marked L 31;

thence, south, 1,320.00' to a point called L 33;

thence, south. 1,320.00' to a point called L 35;

thence, west, 1,320.00' to the point of beginning and containing 40.00 acres, more or less.

Basis of bearing is the north line of the northwest 1/4 of Sec. 6, T.26 N., R.15 W., N.M.P.M. .

Monuments are 4" orange steel posts, 4' high.

Parcel 9

Beginning at a monument marked L 41 from which the north 1/4 corner of Sec. 6, T.26 N., R.15 W., N.M.P.M. bears S.05°23'21"W., 55,488.34';

thence, N.64°14'03"E., 703.12' to monument marked P 9A;

thence, N.34°58'47"E., 1,985.18' to monument marked P 9B;

thence, S.00°35'05"E., 1,925.31' to a point called L 39;

thence, S.89°46'33"W., 1,790.96' to the point of beginning and containing 31.75 acres, more or less.

Basis of bearing is the north line of the northwest 1/4 of Sec. 6, T.26 N., R.15 W., N.M.P.M. .

Monuments are 4" orange steel posts, 4' high.

Parcel 10

Beginning at a monument marked P 10A from which the north 1/4 corner of Sec. 6, T.26 N., R.15 W., N.M.P.M. bears S.05°08'08"W., 54,372.86';

thence, N.17°33'38"E., 1,141.68' to a monument marked L 41;

thence, S.00°05'34"W., 1,086.62' to a point called L 43;

thence, S.89°41'24"W., 342.71' to the point of beginning and containing 4.27 acres, more or less.

Basis of bearing is the north line of the northwest 1/4 of Sec. 6, T.26 N., R.15 W., N.M.P.M. .

Monuments are 4" orange steel posts, 4' high.

Parcel 11

Beginning at a monument marked P 11A from which the north 1/4 corner of Sec. 6, T.26 N., R.15 W., N.M.P.M. bears S.01°57'25"W., 54,779.22';

thence, N.00°48'54"W., 530.15' to a monument marked E 5B;

thence, N.00°49'19"W., 420.20' to a monument marked P 11B;

thence, N.89°14'41"E., 350.09' to a monument marked P 11C;

thence, S.62°19'52"E., 1,365.81' to a monument marked P 11D;

thence, S.00°49'18"E., 300.00' to a monument marked P 11E;

thence, S.89°14'10"W., 1,550.56' to the point of beginning and containing 24.86 acres, more or less.

Basis of bearing is the north line of the northwest 1/4 of Sec. 6, T.26 N., R.15 W., N.M.P.M.

Monuments are 4" orange steel posts, 4' high.

Parcel 12

Beginning at a point called P 12A from which the north 1/4 corner of Sec. 6, T.26 N., R.15 W., N.M.P.M. bears S.01°24'20"W., 50,942.09';

thence, N.60°10'07"W., 703.21' to a monument marked P 12B;

thence, N.17°23'09"E., 500.00' to a point called P 11C;

thence, N.21°09'40"E., 1,214.00' to a monument marked L 49;

thence, S.00°39'17"E., 1,959.23' to the point of beginning and containing 14.09 acres, more or less.

Basis of bearing is the north line of the northwest 1/4 of Sec. 6, T.26 N., R.15 W., N.M.P.M.

Monuments are 4" orange steel posts, 4' high.

Parcel 13

Beginning at a monument marked P 13A from which the north
1/4 corner of Sec. 6, T.26 N., R.15 W., N.M.P.M. bears
S.04°54'22"W., 45,479.23';

thence, N.75°12'49"W., 1,491.27' to a monument marked P 13B;

thence, N.26°13'52"E., 1,140.66' to a monument marked E 8A;

thence, N.29°02'26"E., 1,963.34' to a point called P 13C;

thence, S.01°00'00"W., 878.42' to a point called L 59;

thence, south, 2,242.00' to the point of beginning and
containing 52.57 acres, more or less.

Basis of bearing is the north line of the northwest 1/4 of
Sec. 6, T.26 N., R.15 W., N.M.P.M. .

Monuments are 4" orange steel posts, 4' high.

Parcel 14

Beginning at a monument marked P 14A from which the north 1/4 corner of Sec. 6, T.26 N., R.15 W., N.M.P.M. bears S.15°14'08"W., 71,713.60';

thence, N.89°12'47"E., 2,151.02' to a monument marked P 14B;

thence, N.00°42'44"W., 2,225.04' to a monument marked E 23D;

thence, N.00°46'45"W., 975.96' to a monument marked P 14C;

thence, N.14°25'33"E., 650.24' to a monument marked E 23A;

thence, N.14°28'00"E., 340.02' to a monument marked P 14D;

thence, S.89°13'16"W., 810.09' to a monument marked P 14E;

thence, S.00°43'29"E., 980.22' to a monument marked P 14F;

thence, N.89°32'37"W., 1,250.00' to a monument marked P 14G;

thence, S.38°36'26"W., 552.56' to a monument marked P 14H;

thence, S.00°44'00"E., 2,776.50' to the point of beginning and containing 171.01 acres, more or less.

Basis of bearing is the north line of the northwest 1/4 of Sec. 6, T.26 N., R.15 W., N.M.P.M.

Monuments are 4" orange steel posts, 4' high.



Amendment 3 - 6,554.05 acres



Beginning at a monument marked L 121;

thence, S.31°07'05"W., 1,941.24' to a monument marked P1;

thence, S.00°28'49"W., 1,278.75' to a monument marked P2;

thence, S.66°08'08"W., 7,601.98' to a monument marked P3;

thence, S.00°06'09"W., 944.52' to a monument marked P4;

thence, S.60°47'01"W., 1,875.16' to a point called P5;

thence, S.38°00'00"E., 5,000.00' to a point called P6;

thence, S.67°30'00"E., 5,000.00' to a point called P7;

thence, south, 5,200.00' to a point called P8;

thence, S.56°30'00"W., 2,200.00' to a point called P9;

thence, S.38°00'00"W., 1,850.00' to a point called P10;

thence, S.14°30'00"W., 2,220.00' to a point called P11;

thence, S.21°00'00"E., 7,600.00' to a point called P12;

thence, west, 1,600.00' to a point called P13;

thence, N.48°00'00"W., 2,100.00' to a point called P14;

thence, S.89°00'00"W., 2,150.00' to a point called P15;

thence, S.22°00'00"W., 2,050.00' to a point called P16;

thence, S.09°00'00"E., 2,900.00' to a point called P17;

thence, S.81°00'00"W., 3,910.00' to a point called P18;

thence, S.18°00'00"W., 3,200.00' to a point called P19;

thence, N.82°00'00"E., 1,950.00' to a point called P20;

thence, S.21°00'00"E., 3,000.00' to a point called P21;

thence, S.56°00'00"W., 2,120.00' to a point called P22;

thence, S.40°00'00"E., 2,400.00' to a point called P23;

thence, S.71°00'00"W., 2,030.00' to a point called P24;

thence, south, 1,790.00' to a point called P25;

thence, east, 1,020.00' to a point called P26;
thence, S.18°00'00"E., 1,190.00' to a point called P27;
thence, west, 1,320.00' to a point called P28;
thence, south, 670.00' to a point called P29;
thence, S.66°00'00"E., 2,500.00' to a point called P30;
thence, N.45°00'00"E., 1,170.00' to a point called P31;
thence, S.29°00'00"E., 4,800.00' to a point called P32;
thence, east, 7,690.00' to a point called P33;
thence, N.45°00'00"E., 2,703.78' to a point called P34;
thence, N.89°59'26"W., 4,118.39' to the west 1/4 corner of
Sec.23, T.25 N., R.16 W., N.M.P.M., also called L 173;
thence, N.89°57'56"W., 5,277.06' to the west 1/4 corner of
said Sec. 22, also called L 171;
thence, N.00°00'36"E., 2,640.24' to the northwest corner of
said Sec. 22, also called L 169;
thence, N.89°57'54"W., 2,642.16' to the south 1/4 corner of
Sec. 16, T.25 N., R.16 W., N.M.P.M., also called L 167;
thence, N.00°00'11"E., 5,280.46' to the north 1/4 corner of
said Sec. 16, also called L 165;
thence, N.00°00'23"W., 2,640.35' to the center 1/4 corner of
Sec. 9, T.25 N., R.16 W., N.M.P.M., also called L 163;
thence, S.89°58'06"E., 1,321.92' to the east 1/16 corner of
said Sec. 9, also called L 161;
thence, N.00°00'11"E., 2,640.01' to the east 1/16 corner of
said Sec. 9 and Sec. 4, T.25 N., R.16 W., N.M.P.M., also
called L 159;
thence, S.89°58'19"E., 1,322.35' to the southeast corner of
said Sec. 4, also called L 157;
thence, N.00°02'43"W., 2,640.16' to the east 1/4 corner of
said Sec. 4, also called L 155;
thence, S.89°58'41"E., 2,638.23' to the center 1/4 corner of
Sec. 3, T.25 N., R.16 W., N.M.P.M., also called L 153;
thence, N.00°00'17"E., 1,321.24' to the north 1/16 corner of
said Sec. 3, also called L 151;

thence, S.89°59'15"E., 1,319.38' to the east 1/16 corner of said Sec. 3, also called L 149;

thence, N.00°01'30"E., 1,320.69' to the east 1/16 corner of said Sec. 3 and Sec. 34, T.26 N., R.16 W., N.M.P.M., also called L 147;

thence, S.89°57'49"E., 1,319.85' to the southeast corner of said Sec. 34, also called L 145;

thence, N.00°00'18"E., 1,320.12' to the east 1/16 corner of said Sec. 34 and Sec. 35, T.26 N., R.16 W., N.M.P.M., also called L 143;

thence, S.89°58'36"E., 2,640.87' to the south 1/16 corner of said Sec. 35;

thence, S.89°57'37"E., 1,320.49' to the southeast 1/16 corner of said Sec. 35, also called L 141;

thence, N.00°00'36"W., 1,320.44' to the east 1/16 corner of said Sec. 35;

thence, N.00°03'01"E., 2,637.76' to the east 1/16 corner of said Sec. 35 and Sec. 26, T.26 N., R.16 W., N.M.P.M., also called L 139;

thence, N.00°00'45"E., 2,640.03' to the east 1/16 corner of said Sec. 26;

thence, N.00°00'45"E., 2,640.38' to the east 1/16 corner of said Sec. 26 and Sec. 23, T.26 N., R.16 W., N.M.P.M., also called L 137;

thence, N.00°00'37"E., 2,640.70' to the east 1/16 corner of said Sec. 23;

thence, N.00°00'35"E., 2,638.71' to the east 1/16 corner of said Sec. 23 and Sec. 14, T.26 N., R.16 W., N.M.P.M., also called L 135;

thence, N.00°01'06"W., 2,640.27' to the east 1/16 corner of said Sec. 14;

thence, N.00°03'44"W., 2,641.77' to the east 1/16 corner of said Sec. 14 and Sec. 11, T.26 N., R.16 W., N.M.P.M., also called L 133;

thence, N.00°01'36"E., 2,640.80' to the east 1/16 corner of said Sec. 11, also called L 131;

thence, N.89°59'22"W., 1,320.77' to the center 1/4 corner of said Sec. 11, also called L 129;

thence, N.00°02'11"E., 2,637.12' to the south 1/4 corner of Sec. 2, T.26 N., R.16 W., N.M.P.M., also called L 127;

thence, N.00°02'47"W., 1,320.54' to the south 1/16 corner of said Sec. 2, also called L 125;

thence, S.89°59'54"W., 1,320.76' to the southwest 1/16 corner of said Sec. 2, also called L 123;

thence, N.00°02'16"W., 1,320.16' to the west 1/16 corner of said Sec. 2;

thence, N.00°02'16"W., 2,638.82' to the point of beginning and containing 6,554.05 acres, more or less;

Basis of bearing is the north line of the northwest 1/4 of Sec. 6, T.26 N., R.15 W., N.M.P.M. .

Monuments are 4" orange steel posts, 4' high.

Basis of bearing is the north line of the northwest 1/4 of Sec. 6, T.26 N., R.15 W., N.M.P.M. .



Area 3 addition- 3.11 acres



Beginning at a point called L 111 from which the north 1/4 corner of Sec. 6, T.26 N., R.15 W., N.M.P.M. bears S.56°08'10"E., 18,998.50';

thence, N.73°22'25"W., 224.08' to a monument marked L 111A;

thence, S.00°11'00"E., 645.72' to a monument marked L 111B;

thence, S.79°32'36"E., 216.32' to a monument marked L 111C;

thence, N.00°00'28"W., 620.86' to the point of beginning and containing 3.11 acres, more or less.

Basis of bearing is the north line of the northwest 1/4 of Sec. 6, T.26 N., R.15 W., N.M.P.M. .

Monuments are 4" orange steel posts, 4' high.

Amendment 4A Block A - 172.39 acres

Beginning at a point called A1 from which the north 1/4 corner of Sec. 6, T.26 N., R.15 W., N.M.P.M. bears S.07°57'29"E., 37,788.24;

thence, N.39°19'49"W., 2,187.80' to a point on a curve to the right, said point is on the eastern boundary of the Navajo Mine Railroad right of way, said point is also called A2;

thence, 1,863.11' along said curve and right of way to the end of the curve, said curve has a radius of 2,138.67', a chord length of 1804.75', and a chord bearing of N.53°16'36"E., said point also called A3;

thence, N.78°14'00"E., 4,244.21' along said right of way to a point called A4;

thence, S.68°34'18"E., 1,015.23' to a point called A5;

thence, south, 1,056.47', to a monument called L 73;

thence, S.89°57'14"W., 5,137.76' to a monument marked L 77;

thence, S.00°34'44"W., 2,205.55' to the point of beginning and containing 172.39 acres, more or less.

Basis of bearing is the north line of the northwest corner of Sec.6, T.26 N., R.15 W., N.M.P.M. .

Monuments are 4" orange steel posts, 4' high.



Amendment 4-A Block B - 831.58 acres

Beginning at a monument marked L 70 from which the north 1/4 corner of Sec. 6, T.26 N., R.15 W., N.M.P.M. bears S.07°58'48"E., 28,019.75';

thence, N.00°00'14"E., 2,641.01' to a monument marked L 68;

thence, S.89°53'22"E., 1,320.47' to a monument marked L 66;

thence, N.00°00'14"E., 1,320.00' to a point called L 64;

thence, N.89°58'10"E., 2,526.47' to a monument marked L 62;

thence, N.00°02'59"W., 5,282.67' to a monument marked L 60;

thence, N.00°27'53"E., 1,320.88' to a monument marked L 58;

thence, N.89°59'25"E., 6,188.85' to a point called B1;

thence, S.00°35'34"E., 1,510.96' to a monument marked B2;

thence, S.57°21'57"W., 4,828.81' to a monument marked B3;

thence, S.00°21'50"E., 1,074.60' to a monument marked B4;

thence, S.48°08'13"W., 8,053.99' to the point of beginning;

thence, S.59°30'44"W., 6,130.16' to a point called B5;

thence, N.00°02'58"E., 1,1791.07' to a monument marked L 78;

thence, S.89°57'53"E., 1,319.47' to a monument marked L 76;

thence, S.89°59'15"E., 1,320.41' to a monument marked L 74;

thence, N.00°00'45"E., 1,321.07' to a monument marked L 71;

thence, S.89°58'52"E., 2,640.87' to the point of beginning and containing 831.58 acres, more or less.

Basis of bearing is the north line of the northwest 1/4 of Sec. 6, T.26 N., R.15 W., N.M.P.M.

Monuments are 4" orange steel posts, 4' high.

Amendment 4-A Block C - 124.22 acres

Beginning at a monument marked L 95 from which the north 1/4 corner of Sec. 6, T.26 N., R.15 W., N.M.P.M. bears S.24°29'57"E., 34,846.73';

thence, north, 104.62' to the eastern right of way boundary of the Navajo Mine Railroad to a point called C1;

thence, N.42°14'15"E., 720.09' along said right of way to the beginning of a curve to the right, also called C2;

thence, 1,526.63' along said curve and right of way to the end of the curve, also called C3; said curve having a radius of 2,715.03', a chord length of 1,506.59', and a chord bearing of N.58°20'45"E.;

thence, N.74°26'24"E., 2,277.88' along said right of way to a point called C4;

thence, S.00°02'33"W., 717.86' to a monument marked L 89;

thence, S.00°01'56"E., 1,320.38' to a monument marked L 91;

thence, N.89°59'15"W., 2,640.92' to a monument marked L 93;

thence, S.89°55'23"W., 1,320.19' to the point of beginning and containing 124.22 acres, more or less.

Basis of bearing is the north line of the northwest 1/4 of Sec. 6, T.26 N., R.15 W., N.M.P.M. .

Monuments are 4" orange steel posts, 4' high.



Amendment 4-A Block D - 211.88 acres



Beginning at a monument marked L 121;

thence, N.89°58'49"W., 1,320.05' to the northeast corner of Sec. 3, T.26 N., R.16 W., N.M.P.M., also called L 119;

thence, N.89°58'47"W., 2,640.17' to the north 1/4 of said Sec. 3;

thence, N.89°58'13"W., 1,320.33' to a monument called L 117;

thence, S.00°11'59"E., 1,855.62' to a monument marked E 15A;

thence, N.87°50'18"E., 2,290.00' to a point called D3;

thence, S.00°53'55"W., 410.01' to a point called D2;

thence, N.87°50'18"E., 1986.63' to a point called D1;

thence, N.00°28'50"E., 440.30' to a monument marked P1;

thence, N.31°07'05"E., 1,941.23' to the point of beginning and containing 211.88 acres, more or less.

Basis of bearing is the north line of the northwest 1/4 of Sec. 6, T.26 N., R.15 W., N.M.P.M.

Monuments are 4" orange steel posts, 4' high.

LEGAL DESCRIPTIONS FOR NAVAJO MINE EQ PARCELS:

EQ-1

Beginning at a point called E1-A, from which the north 1/4 of Sec. 6, T.26 N., R.15 W., N.M.P.M., bears S.13°07'39"W., 77,905.33';

thence, N.18°19'57"E., 317.42', to E1-B;
thence, N.80°59'02"W., 177.82' to E1-C;
thence, S.22°40'22"W., 319.73' to E1-D;
thence, S.80°15'43"E., 201.94' to the point of beginning,
containing 1.36 acres, more or less.

Basis of bearing is the north line of the northwest 1/4 of Sec. 6, T.26 N., R.15 W., N.M.P.M.

Parcel is monumented by "in-line" offsets.

EQ-2

Beginning at a point called P3-B from which the north 1/4 of Sec. 6, T.26 N., R.15 W., N.M.P.M., bears S.11°41'33"W., 71,244.59';

thence, S.17°50'36"W., 9.78' to a monument marked E2-A;
thence, N.89°28'32"W., 869.11' to a monument marked E2-B;
thence, N.00°21'38"E., 897.64' to a monument marked E2-C;
thence, S.89°15'33"W., 1,274.82' to a monument marked E2-D;
thence, S.73°18'42"W., 293.26' to a monument marked E2-E;
thence, N.84°56'25"W., 398.51' to a monument marked E2-F;
thence, N.57°14'19"W., 61.33' to a monument marked E2-G;
thence, N.30°48'19"E., 596.96' to a monument E2-H;
thence, N.22°02'33"E., 101.68' to a monument marked E2-I;
thence, N.16°01'08"E., 1,278.98' to a monument marked E2-J;
thence, S.00°01'01"E., 52.01' to a monument marked L-3;
thence, S.89°40'37"E., 860.42' to a monument marked P2-D;
thence, S.40°58'45"W., 1,825.02' to a monument marked P2-C;
thence, S.28°15'46"W., 434.69' to a monument marked P2-B;
thence, N.89°35'14"E., 1,849.47' to a monument marked E2-C;
thence, S.00°22'24"E., 887.74' to a monument marked L-9;
thence, S.89°26'57"E., 860.83' to the point of beginning,
containing 17.75 acres, more or less.

Basis of bearing is the north line of the northwest 1/4 of Sec. 6, T.26 N., R.15 W., N.M.P.M.

Monuments are 4" orange steel posts, 4' high.

EQ 3

Beginning at a monument marked P 7A from which the north 1/4 corner of Sec. 6, T.26 N., R.15 W., N.M.P.M. bears N.08°24'08"E., 62,515.12';

thence, N.89°35'05"W., 567.25' to a monument marked E 3A;
thence, N.49°32'26"E., 1,392.62' to a monument marked E 3B;
thence, S.01°15'48"W., 99.88' to a monument marked P 7B;
thence, S.31°14'39"W., 945.00' to the point of beginning, containing 6.46 acres, more or less.

Basis of bearing is the north line of the northwest 1/4 of Sec. 6, T.26 N., R.15 W., N.M.P.M.

Monuments are 4" orange steel posts, 4' high.

EQ 4

Beginning at a point called Ull 7 from which the north 1/4 corner of Sec. 6, T.26 N., R.15 W., N.M.P.M. bears S.01°41'52"W., 60,325.54';

thence, N.00°21'58"W, 257.72' to a point called an APS corner;

thence; N.23°23'32"E, 10.10' to a point called an APS corner;

thence, N.70°46'38"E, 1,123.25' to a monument marked APS corner;

thence, N.89°37'19"E, 932.51' to a monument marked E 4A;

thence, S.00°21'13"E, 733.97' to a monument marked Ull 4;

thence, S.88°18'16"W, 1000.44' to a point called Ull 5;

thence, S.88°18'58"W, 1000.44' to a point called Ull 6;

thence, north, 150.00' to the point of beginning, containing 30.28 acres, more or less.

Basis of bearing is the north line of the northwest 1/4 of Sec. 6, T.26 N., R.15 W., N.M.P.M.

Monuments are 4" orange steel posts, 4' high.

EQ 5

Beginning at a point called P 11A, from which the north 1/4 of Sec.6, T.26 N., R.15 W., N.M.P.M. bears S.01°57'25"W., 54,179.21';

thence, N.89°07'28"W., 320.03' to a monument marked E 5A;
thence, N.30°44'52"E., 611.13' to a monument marked E 5B;
thence, S.00°48'52"E., 530.16' to the point of beginning, containing 1.95 acres, more or less.

Basis of bearing is the north line of the northwest 1/4 of Sec. 6, T.26 N., R.15 W., N.M.P.M.

Monuments are 4" orange steel posts, 4' high.

EQ 6

Beginning at a point called P 12 A, from which the north 1/4 of Sec. 6 , T.26 N., R.15 W., N.M.P.M. bears S.01°24'20"W., 50,942.09' ;

thence, S.00°39'09"E., 106.63' to a monument marked E 6A;
thence, N.60°10'07"W., 850.00' to a point called E 6B;
thence, N.15°46'50"E., 1,708.91' to a monument marked E 6C;
thence, N.00°00'43"W., 1,272.16' to a monument marked E 6D;
thence, S.89°04'11"E., 249.83 to a point called L 47;
thence, S.00°01'22"W., 1,269.71' to a monument marked P 12D;
thence, S.21°09'40"W., 1,214.00' to a point called P 12C;
thence, S.17°23'09"W., 500.00' to a monument marked P 12B;
thence, S.60°10'07"E., 703.21' to the point of beginning,
containing 15.62 acres more or less.

Basis of bearing is the north line of the northwest 1/4 of Sec. 6, T.26 N., R.15 W., N.M.P.M.

Monuments are 4" orange steel posts, 4' high.

EQ 7

Beginning at a point called L 53 from which the north 1/4 of Sec. 6, T.26N., R.15 W., N.M.P.M. bears S.02°55'50"W., 50,261.71;

**thence, S.00°07'14"E., 190.04' to a monument marked E 7A;
thence, N.59°40'51"W., 376.52' to a monument marked E 7B;
thence, S.89°59'36"E., 324.62' to the point of beginning,
containing 0.71 acres, more or less.**

Basis of bearing is the north line of the northwest 1/4 of Sec. 6, T.26 N., R.15 W., N.M.P.M.

Monuments are 4" orange steel posts, 4' high.

EQ 8

Beginning at a point called P 13C from which the north 1/4 of Sec. 6, T.26N., R.15 W., N.M.P.M. bears S.04°36'34"W., 48,590.04' :

thence, S.29°02'26"W., 1963.34' to a monument marked E 8A;
thence, N.00°22'36"W., 480.14' to a monument marked E 8B;
thence, N.26°14'56"E., 490.02' to a monument marked E 8C;
thence, N.00°01'12"W., 1239.64' to a monument marked E 8D;
thence, S.89°54'16"E., 747.64' to a point called L 57;
thence, S.01°00'00"W., 441.58' to the point of beginning, containing 21.38 acres, more or less.

Basis of bearing is the north line of the northwest 1/4 of Sec. 6, T.26 N., R.15 W., N.M.P.M.

Monuments are 4" orange steel posts, 4' high.

EQ 9

Beginning at a monument marked E 9B, from which the north
1/4 corner of Sec. 6, T.26 N., R.15 W., N.M.P.M. bears
S.04°08'10"E., 41,015.79';

thence, N.58°48'54"E., 3,112.12' to a monument marked E 9C;
thence, S.84°40'53"E., 502.57' to a monument marked E 9D;
thence, N.34°52'07"E., 3,923.79' to a monument marked P 13B;
thence, S.75°12'50"E., 1,491.27' to a point called P 13A;
thence, south, 1,718.00' to a point called L 61;
thence, west, 1,320.00' to a point called L 63;
thence, south, 1,320.00' to a point called L 65;
thence, S.89°59'14"W., 1,321.07' to a point called L 67;
thence, south, 1,320.00' to a point called L 69;
thence, west, 1,320.23' to a point called L 71;
thence, south, 263.94', to a point called A 5;
thence, N.68°34'18"W., 1,015.23' to a point called A 4;
thence, S.78°14'00"W., 1,983.25';
thence, north, 252.14' to the point of beginning,
containing 261.81 acres, more or less.

Basis of bearing is the north line of the northwest 1/4 of
Sec. 6, T.26 N., R.15 W., N.M.P.M.

Monuments are 4" orange steel posts, 4' high.

EQ 10

Beginning a monument marked L 79, from which the north 1/4 of Sec. 6, T.26 N., R.15 W., N.M.P.M. bears S.08°03'30"E., 37,353.25';

thence, N.89°48'34"W., 1,573.53' to a monument marked E 10A;
thence, N.00°21'32"W., 250.09' to a monument marked E 10B;
thence, N.89°38'01"E., 1,300.28' to a point called E 10C;
thence, N.00°00'00"E., 517.11' to a point called A 1A;
thence, S.39°19'49"E., 440.64' to a point called A 1;
thence, S.00°34'43"W., 440.00' to the point of beginning, containing 11.54 acres, more or less.

Basis of bearing is the north line of the northwest 1/4 of Sec. 6, T.26 N., R.15 W., N.M.P.M.

Monuments are 4" orange steel posts, 4' high.

EQ 11

Beginning at a point called E 11A, from which the north 1/4 of Sec. 6, T.26 N., R.15 W., N.M.P.M. bears S.13°27'11"W., 36,678.97';

thence, N.27°32'28"E., 1,490.98' to a monument marked L 81;
thence, S.00°09'45"E., 1,322.25' to a monument marked E 11A;
thence, N.89°58'54"W., 693.16' to the point of beginning,
containing 10.52 acres, more or less.

Basis of bearing is the north line of the northwest 1/4 of Sec. 6, T.26 N., R.15 W., N.M.P.M.

Monuments are 4" orange steel posts, 4' high.

EQ 12

Beginning at a monument marked L 89, from which the north
1/4 of Sec. 6, T.26 N., R.15 W., N.M.P.M. bears
S.17°37'08 E, 34,656.63';

thence, N.00°27'28"W., 1,100.26' to a monument marked E 12A;
thence, N.60°55'10"E., 1,519.89' to a monument marked E 12B;
thence, S.00°00'45"W., 1,839.65' to a monument marked L 87;
thence, N.89°58'10"W., 1,319.10' to the point of beginning,
containing 44.70 acres, more or less.

Basis of bearing is the north line of the northwest 1/4 of Sec. 6,
T.26 N., R.15 W., N.M.P.M.

Monuments are 4" orange steel posts, 4' high.

EQ 13

Beginning at a monument marked E 13A, from which the north
1/4 of Sec. 6, T.26 N., R.15 W., N.M.P.M. bears
S.28°17'03 E., 30,498.70';

thence, N.25°36'02"W., 2,782.06' to a monument marked E 13B;
thence, N.89°39'00"E., 800.39' to a monument marked E 13C;
thence, N.00°03'11"E., 2,701.13' to a monument marked E 13D;
thence, S.47°49'04"E., 540.59' to a monument marked L 95;
thence, S.00°00'56"W., 4,851.95 to the point of beginning,
containing 57.96 acres, more or less.

Basis of bearing is the north line of the northwest 1/4 of Sec. 6,
T.26 N., R.15 W., N.M.P.M.

Monuments are 4" orange steel posts, 4' high.

EQ 14

Beginning at a point called L 105 from which the north 1/4 corner of Sec. 6, T.26 N., R.15 W., N.M.P.M. bears S.34°20'51"E., 25,612.78';

thence, south, 203.27' to a monument marked E 14A;

thence, N.89°53'49"W., 1,647.18' to a monument marked E 14B;

thence, N.00°00'53"E., 4,160.55' to a point called E 14C;

thence, N.89°58'39"E., 326.50' to monument marked L 101;

thence, S.00°00'20"W., 3,960.37' to a point called L 103;

thence, east, 1,320.00' to the point of beginning and containing 37.34 acres more or less.

Basis of bearing is the north line of the northwest 1/4 of Sec. 6, T.26 N., R.15 W., N.M.P.M.

Monuments are 4" orange steel posts, 4' high.

EQ 18

**Beginning at a monument marked L 52, from which the north
1/4 of Sec. 6, T.26 N., R.15 W., N.M.P.M. bears
S.11°14'14"W., 40,408.10';**

**thence, N.89°59'34"E., 270.01' to a monument marked E 18A;
thence, S.40°08'26"W., 418.62' to a monument marked E 18B;
thence, N.00°01'36"W., 319.98' to the point of beginning,
containing 0.99 acres, more or less.**

**Basis of bearing is the north line of the northwest 1/4 of Sec. 6,
T.26 N., R.15 W., N.M.P.M.**

Monuments are 4" orange steel posts, 4' high.

EQ 19

Beginning at a monument marked L 38, from which the north
1/4 of Sec. 6, T.26 N., R.15 W., N.M.P.M. bears
S.08°27'36"W., 53,418.79';

thence, N.89°58'28"E., 345.05' to a monument marked E 19A;
thence, S.22°17'36"W., 908.05' to a monument marked E 19B;
thence, N.00°02'23"W., 840.03' to the point of beginning,
containing 3.33 acres, more or less.

Basis of bearing is the north line of the northwest 1/4 of
Sec. 6, T.26 N., R.15 W., N.M.P.M.

Monuments are 4" orange steel posts, 4' high.

EQ 20

Beginning at a point called L 34, from which the north 1/4 of Sec. 6, T.26 N., R.15 W., N.M.P.M. bears S.09°37'11"W., 54,931.34';

thence, S.89°50'41"E., 238.22' to a monument marked E 20A;
thence, S.50°09'06"W., 312.15' to a monument marked E 20B;
thence, N.00°24'35"E., 200.66' to the point of beginning,
containing 0.55 acres, more or less.

Basis of bearing is the north line of the northwest 1/4 of Sec. 6, T.26 N., R.15 W., N.M.P.M.

Monuments are 4" orange steel posts, 4' high.

EQ 21

Beginning at a point called L 26, from which the north 1/4 of Sec. 6, T.26 N., R.15 W., N.M.P.M. bears S.10°15'08"W., 61,508.69';

**thence, S.89°40'43"E., 171.83' to a monument marked E 21A;
thence, S.41°07'50"W., 265.85' to a monument marked E 21B;
thence, N.00°52'03"E., 201.23' to a the point of beginning,
containing 0.40 acres, more or less.**

**Basis of bearing is the north line of the northwest 1/4 of Sec. 6,
T.26 N., R.15 W., N.M.P.M.**

Monuments are 4" orange steel posts, 4' high.

EQ 22

Beginning at a monument marked L 22, from which the north
1/4 of Sec. 6, T.26 N., R.15 W., N.M.P.M. bears
S.12°07'27"W, 64,608.74';

thence, N.89°57'45"E., 275.03' to a monument marked E 22A;
thence, S.42°30'25"W., 407.19' to a monument marked E 22B;
thence, N.00°01'09"E., 300.00' to a the point of beginning,
containing 0.95 acres, more or less.

Basis of bearing is the north line of the northwest 1/4 of Sec. 6,
T.26 N., R.15 W., N.M.P.M.

Monuments are 4" orange steel posts, 4' high.

EQ 23

Beginning at a monument marked P 14C, from which the north
1/4 of Sec. 6, T.26 N., R.15 W., N.M.P.M. bears
S.16°05'15"W, 75,394.14';

thence, N.14°25'33"E., 650.24' to a monument marked E 23A;
thence, N.89°32'13"E., 300.31' to a monument marked E 23B;
thence, S.07°03'23"W., 1,618.54' to a monument marked E 23C;
thence, S.89°35'55"W., 250.19' to a monument marked E 23D;
thence, N.00°46'45"W., 975.96' to the point of beginning,
containing 12.05 acres, more or less.

Basis of bearing is the north line of the northwest 1/4 of
Sec. 6, T.26 N., R.15 W., N.M.P.M.

Monuments are 4" orange steel posts, 4' high.

EQ 24

Beginning at a monument marked E 24A from which the north 1/4 corner of Sec. 6,
T.26 N., R.15 W., N.M.P.M. bears S.13°30'34"W., 76,118.73';

thence, S.44°06'53"W., 391.23' to a point called L 6;
thence, N.89°37'54"E., 449.44' to a monument marked E 24B;
thence, N.32°29'59"W., 329.62' to the point of beginning and containing 1.44
acres, more or less.

Basis of bearing is the north line of the northwest 1/4 of
Sec. 6, T.26 N., R.15 W., N.M.P.M.

Monuments are 4" orange steel posts, 4' high.

EQ 25

Beginning at a point called P 11C from which the north 1/4 corner of Sec. 6, T.26 N, R.15 W., N.M.P.M. bears S.02°16'20"W., 55,145.85', said point being the beginning of the centerline of radio cable right of way;

thence, N.01°41'22"W., 2,257.19' along said centerline to a point called E 25A;

said right of way being 25' left and 25' right of centerline and containing 2.59 acres, more or less.

Basis of bearing is the north line of the northwest 1/4 of Sec. 6, T.26 N., R.15 W., N.M.P.M.

EQ 26

Beginning at point called E 26A from which the north 1/4 corner of Sec. 6, T.26 N., R.15 W., N.M.P.M. bears S.00°54'49"W., 51,262.98', said point being the centerline of a powerline right of way;

thence, N.58°03'54"W., 1,446.60' along said centerline to a point called E 26B;

thence, N.73°25'12"W., 1,013.16' along said centerline to a point called E 26C;

said right of way being 25' left and 25' right of centerline and containing 2.48 acres, more or less.

Basis of bearing is the north line of the northwest 1/4 of Sec. 6, T.26 N., R.25 N., N.M.P.M.

EQ 27

Beginning at a point called E 27A from which the north 1/4 corner of Sec. 6, T.26 N., R.15 W., N.M.P.M. bears S.06°52'24"W., 60,080.26', said point being the centerline of a powerline right of way;

thence, S.67°31'12"W., 708.81' to a point called E 27B;

thence, S.51°44'48"E., 229.63' to a point called E 27C;

said right of way being 25' left and 25' right of centerline and containing 1.16 acres, more or less.

Basis of bearing is the north line of the northwest 1/4 of Sec. 6, T.26 N., R.15 W., N.M.P.M.