

UNITED STATES DEPARTMENT OF AGRICULTURE

FOREST SERVICE

THE EXTERIOR BOUNDARY OF THE GILA
WILDERNESS, GILA NATIONAL FOREST,
SOUTHWESTERN REGION, JANUARY 30, 1983,
AS COVERED INTO THE NATIONAL
WILDERNESS PRESERVATION SYSTEM BY
P.L. 96-550 (12/19/80)

PERMANENT RECORD - DO NOT DESTROY



NATIONAL WILDERNESS PRESERVATION SYSTEM

Gila Wilderness
Gila National Forest

I hereby certify that the legal description and map herewith represent the location of the boundary of the lands in the Gila Wilderness on the Gila National Forest as incorporated into the National Wilderness Preservation System by P.L. 96-550 (12/19/80).

Signed

James C. Overlay

Deputy

Regional Forester

THE EXTERIOR BOUNDARY OF THE GILA WILDERNESS,
GILA NATIONAL FOREST, SOUTHWESTERN REGION,
AS COVERED INTO THE NATIONAL WILDERNESS PRESERVATION
SYSTEM BY P.L. 96-550 (12/19/80)

Beginning at the Triangulation Station "JORDAN" located on Black Mountain,
Latitude $33^{\circ} 22' 40.4''$ N, Longitude $108^{\circ} 13' 35.8''$ W;

Thence N $18^{\circ} 48'$ E, approximately 3,789 feet to a mountain top (Elevation 9218);

Thence northeasterly along the crest of the major ridge system approximately 6215 feet to a prominent peak (Elevation 9028);

Thence N $33^{\circ} 14'E$, 743 feet;

Thence N $61^{\circ} 49'$ E, approximately 1193 feet to the lowest point in a saddle;

Thence N $71^{\circ} 52'$ E, approximately 805 feet to the top of a peak;

Thence descend southeasterly along the crest of a spur ridge 1220 feet;

Thence S $38^{\circ} 00''$ E, 452 feet;

Thence S $26^{\circ} 22'$ E, 613 feet;

Thence S $44^{\circ} 49'$ E, approximately 471 feet to the low point of a saddle;

Thence southeasterly along the crest of the ridge approximately 1191 feet to a peak;

Thence east-northeasterly along the crest of the ridge approximately 2788 feet to a peak (Elevation 8065);

Thence generally easterly approximately 5536 feet along the crest of the most prominent ridge to a peak (Elevation 8419), the most western peak of the Beaver Points;

Thence N $55^{\circ} 15'$ E, approximately 1220 feet to the low point of a saddle;

Thence N $54^{\circ} 17'$ E, approximately 500 feet to the crest of a ridge;

Thence southeasterly approximately 1182 feet along the crest of the ridge to a peak (Elevation 8306), one of the Beaver Points;

Thence southeasterly along the crest of the major ridge approximately 4476 feet to a peak (Elevation 7771);

Thence S $32^{\circ} 37'$ E, 653 feet;

Thence S $29^{\circ} 19'$ E, 686 feet to a point on the ridge top;

Thence S $67^{\circ} 31'$ E, 790 feet;
Thence S $54^{\circ} 46'$ E, 1785 feet to a point on the ridge top;
Thence S $47^{\circ} 11'$ E, 1341 feet to a point on the ridge top;
Thence southeasterly descending along the ridge crest 724 feet;
Thence S $47^{\circ} 10'$ E, 510 feet;
Thence S $76^{\circ} 44'$ E, approximately 480 feet to a point in the canyon bottom;
Thence S $59^{\circ} 24'$ W, 734 feet;
Thence S $56^{\circ} 57'$ W, approximately 278 feet to point on the ridge top;
Thence S $44^{\circ} 00'$ E, 309 feet;
Thence S $01^{\circ} 43'$ E, 1047 feet;
Thence S $25^{\circ} 06'$ E, approximately 298 feet to a point on the ridge top;
Thence southeasterly 1504 feet along the ridge top;
Thence S $54^{\circ} 30'$ E, 453 feet;
Thence S $24^{\circ} 52'$ W, approximately 272 feet to a point in the bottom of Deer Canyon;
Thence southwesterly ascending a spur ridge approximately 1719 feet to the main ridge top;
Thence S $27^{\circ} 03'$ E, 732 feet;
Thence S $55^{\circ} 46'$ W, 350 feet;
Thence S $18^{\circ} 08'$ E, 268 feet;
Thence S $49^{\circ} 29'$ E, 370 feet;
Thence S $75^{\circ} 57'$ E, 462 feet;
Thence S $62^{\circ} 33'$ E, 618 feet;
Thence S $76^{\circ} 03'$ E, 749 feet;
Thence S $33^{\circ} 57'$ W, 450 feet;
Thence N $87^{\circ} 42'$ W, 647 feet;
Thence S $56^{\circ} 18'$ W, 287 feet;
Thence S $25^{\circ} 47'$ W, 422 feet;

Thence S $10^{\circ} 50'$ E, 263 feet;
Thence S $31^{\circ} 40'$ E, 632 feet;
Thence S $11^{\circ} 14'$ W, 313 feet;
Thence S $31^{\circ} 24'$ E, 645 feet along the top of the bluff;
Thence S $72^{\circ} 37'$ E, 317 feet along the top of the bluff;
Thence S $34^{\circ} 22'$ E, 153 feet along the top of the bluff;
Thence S $57^{\circ} 36'$ E, 291 feet along the top of the bluff;
Thence S $02^{\circ} 58'$ E, 194 feet along the top of the bluff;
Thence S $48^{\circ} 20'$ W, 841 feet along the top of the bluff;
Thence S $68^{\circ} 42'$ W, 660 feet along the top of the bluff;
Thence S $53^{\circ} 06'$ W, 890 feet along the top of the bluff;
Thence N $63^{\circ} 46'$ W, 443 feet;
Thence N $07^{\circ} 58'$ E, 312 feet;
Thence S $67^{\circ} 00'$ W, 248 feet;
Thence N $65^{\circ} 06'$ W, 211 feet;
Thence N $53^{\circ} 30'$ W, 399 feet;
Thence S $78^{\circ} 10'$ W, 314 feet;
Thence S $81^{\circ} 00'$ W, 273 feet;
Thence N $74^{\circ} 50'$ W, 287 feet;
Thence S $83^{\circ} 38'$ W, approximately 86 feet to the bottom of the Trap Corral Canyon;
Thence S $28^{\circ} 52'$ W, 50 feet;
Thence S $47^{\circ} 45'$ E, 134 feet;
Thence S $62^{\circ} 03'$ E, 322 feet;
Thence S $64^{\circ} 46'$ W, 237 feet;
Thence S $80^{\circ} 50'$ W, approximately 621 feet to the crest of a ridge;
Thence ascending northwesterly along the crest of the ridge 3359 feet to a point on the break at the north edge of the mesa;

Thence northwesterly along the break at the north edge of the mesa top 4575 feet;

Thence S $57^{\circ} 29'$ W, approximately 513 feet to the head of a draw;

Thence southerly approximately 1368 feet down the bottom of the draw to a canyon bottom;

Thence S $83^{\circ} 58'$ W, approximately 492 feet to a ridge top;

Thence westerly along the crest of the ridge 1355 feet;

Thence N $80^{\circ} 59'$ W, 446 feet;

Thence S $77^{\circ} 17'$ W, 338 feet;

Thence S $03^{\circ} 45'$ W, approximately 591 feet to CCC Canyon Bottom;

Thence S $03^{\circ} 45'$ W, approximately 2447 feet to the canyon crossing northwest of Snafu Tank;

Thence S $3^{\circ} 45'$ W, 6565 feet through a point 75 feet west of the center of Juniper Tank;

Thence S $3^{\circ} 45'$ W, 2402 feet;

Thence N $80^{\circ} 57'$ E, 259 feet;

Thence S $10^{\circ} 33'$ W, 781 feet;

Thence S $38^{\circ} 29'$ E, 1155 feet;

Thence N $48^{\circ} 15'$ E, 809 feet;

Thence S $01^{\circ} 01'$ W, 593 feet;

Thence S $31^{\circ} 57'$ E, 236 feet;

Thence S $76^{\circ} 32'$ E, 332 feet;

Thence S $10^{\circ} 25'$ W, 237 feet;

Thence S $44^{\circ} 11'$ E, 145 feet;

Thence S $80^{\circ} 59'$ E, 289 feet;

Thence S $09^{\circ} 12'$ E, 255 feet;

Thence S $11^{\circ} 17'$ W, 167 feet;

Thence S $14^{\circ} 32'$ E, 109 feet;

Thence N $84^{\circ} 45'$ E, 415 feet;

Thence S 05° 35' E, 472 feet;

Thence S 04° 39' W, 234 feet;

Thence S 13° 51' W, approximately 195 feet to a point on the ridge top;

Thence S 87° 35' E, approximately 2239 feet to the section corner common to Sections 23, 24, 25, and 26, T11S, R13W, NMPM;

Thence southerly approximately 5283 feet along the section line to the section corner common to Sections 25, 26, 35, and 36, T11S, R13W, NMPM;

Thence southerly along the section line approximately 5219 feet to the section corner common to Sections 35 and 36, T11S, R13W, and Sections 1 and 2, T12S, R13W;

Thence southerly along the section line approximately 4940 feet to a point on the section line which is 50 feet northerly from the centerline of Forest Road 19 (50 feet measurement is made perpendicularly from the road centerline);

Thence northwesterly along a line which is parallel to and 50 feet northeasterly of Forest Road 19 centerline, a distance of 200 feet;

Thence southerly along a line which is parallel to and 50 feet westerly of Forest Road 19 centerline, a distance of 1800 feet;

Thence easterly along a line which is parallel to and 50 feet southerly of Forest Road 19 centerline, a distance of approximately 500 feet to a point on the section line between Sections 11 and 12, T12S, R13W, NMPM;

Thence southerly along the section line a distance of approximately 1500 feet to the top of a ridge near a hill top (Elevation 6502);

Thence S 80° 16' E, 255 feet;

Thence N 73° 00' E, 552 feet;

Thence N 84° 39' E, 367 feet;

Thence N 73° 02' E, 297 feet;

Thence N 48° 00' E, 529 feet;

Thence N 71° 31' E, 242 feet;

Thence N 68° 27' E, 215 feet;

Thence S 85° 30' E, 216 feet;

Thence N 06° 02' E, 317 feet;

Thence S 37° 03' E, 465 feet;

Thence N $86^{\circ} 48'$ E, 198 feet;
Thence N $07^{\circ} 59'$ E, 163 feet;
Thence N $62^{\circ} 11'$ E, 204 feet;
Thence S $87^{\circ} 58'$ E, 453 feet;
Thence S $12^{\circ} 39'$ W, 295 feet;
Thence S $04^{\circ} 08'$ E, 419 feet;
Thence S $05^{\circ} 18'$ E, 371 feet;
Thence S $79^{\circ} 14'$ E, 329 feet;
Thence S $48^{\circ} 07'$ E, 358 feet;
Thence S $89^{\circ} 44'$ E, 174 feet;
Thence N $66^{\circ} 13'$ E, 284 feet;
Thence S $11^{\circ} 05'$ W, 329 feet;
Thence S $22^{\circ} 44'$ W, 277 feet;
Thence S $13^{\circ} 42'$ W, 386 feet;
Thence S $29^{\circ} 14'$ E, 333 feet;
Thence N $31^{\circ} 44'$ E, 187 feet;
Thence N $67^{\circ} 44'$ E, 417 feet;
Thence N $82^{\circ} 22'$ E, 407 feet;
Thence N $63^{\circ} 06'$ E, 175 feet;
Thence N $17^{\circ} 51'$ E, 304 feet;
Thence N $14^{\circ} 34'$ W, 804 feet;
Thence N $24^{\circ} 58'$ E, approximately 167 feet to a point in a small canyon bottom;
Thence S $32^{\circ} 01'$ E, 314 feet;
Thence S $49^{\circ} 12'$ E, 326 feet;
Thence S $71^{\circ} 48'$ E, approximately 499 feet to a point on a ridge top;
Thence southerly along the crest of the ridge a distance of approximately 1231 feet to the center of Diamond Creek;

Thence S 30° 09' E, 213 feet;
Thence S 34° 05' W, 437 feet;
Thence S 87° 32' E, 3384 feet;
Thence N 71° 13' E, 5604 feet;
Thence N 41° 59' E, approximately 9811 feet to a point from which the south
1/4 corner of Section 34, T11S, R12W bears N 40° 56' E, 2010 feet;
Thence S 48° 45' E, approximately 4990 feet to a point in a drainage bottom;
Thence S 00° 11' W, approximately 6904 feet to a low ridge crest;
Thence S 10° 45' W, 1478 feet;
Thence S 23° 43' W, approximately 677 feet to a point on a ridge crest;
Thence S 37° 13' W, 1676 feet;
Thence S 24° 29' W, 539 feet (Beginning at this point this wilderness boundary
follows an offset line 1/2 mile westerly from the North Star Mesa Road - N.M.
State Highway 61);
Thence S 02° 34' E, 402 feet;
Thence S 16° 07' E, 432 feet;
Thence S 06° 04' E, 1049 feet;
Thence S 20° 02' E, approximately 910 feet to a point on a ridge top;
Thence S 23° 19' E, 811 feet;
Thence S 36° 04' E, approximately 792 feet to a point on a ridge top;
Thence S 49° 21' E, 859 feet;
Thence S 57° 27' E, 489 feet;
Thence S 18° 11' E, 675 feet;
Thence S 26° 48' E, approximately 970 feet to a canyon bottom;
Thence S 41° 17' E, 746 feet;
Thence S 59° 02' E, 838 feet;
Thence S 70° 30' E, 577 feet;
Thence S 45° 40' E, approximately 668 feet to a ridge top;
Thence S 61° 03' E, 572 feet;

Thence S $65^{\circ} 31'$ E, 605 feet;
Thence S $75^{\circ} 55'$ E, 923 feet;
Thence S $61^{\circ} 18'$ E, 564 feet;
Thence S $59^{\circ} 45'$ E, 566 feet;
Thence S $65^{\circ} 23'$ E, 748 feet;
Thence S $21^{\circ} 18'$ E, 590 feet;
Thence S $22^{\circ} 24'$ E, 679 feet;
Thence S $38^{\circ} 26'$ E, 1015 feet;
Thence S $50^{\circ} 36'$ E, 459 feet;
Thence S $51^{\circ} 08'$ E, 458 feet;
Thence S $21^{\circ} 57'$ W, 792 feet;
Thence S $06^{\circ} 20'$ W, 607 feet;
Thence S $34^{\circ} 13'$ W, 395 feet;
Thence S $24^{\circ} 55'$ W, 413 feet;
Thence S $16^{\circ} 18'$ W, approximately 875 feet to the bottom of Tom Moore Canyon;
Thence S $07^{\circ} 05'$ E, 404 feet;
Thence S $10^{\circ} 23'$ E, 466 feet;
Thence S $13^{\circ} 07'$ E, 575 feet;
Thence S $20^{\circ} 36'$ W, 532 feet;
Thence S $14^{\circ} 19'$ W, 736 feet;
Thence S $03^{\circ} 22'$ E, 852 feet;
Thence S $18^{\circ} 56'$ E, 880 feet;
Thence S $04^{\circ} 19'$ W, 549 feet;
Thence S $04^{\circ} 21'$ E, 702 feet;
Thence S $23^{\circ} 28'$ W, approximately 436 feet to a point on the ridge top;
Thence S $17^{\circ} 58'$ W, 784 feet;
Thence S $03^{\circ} 35'$ W, 386 feet;

Thence S $00^{\circ} 03'$ W, approximately 347 feet to bottom of Black Canyon;
Thence S $12^{\circ} 52'$ E, 669 feet;
Thence S $02^{\circ} 39'$ W, approximately 744 feet to the bottom of a side canyon;
Thence S $03^{\circ} 09'$ E, 438 feet;
Thence S $19^{\circ} 34'$ E, 1076 feet;
Thence S $28^{\circ} 47'$ E, 979 feet;
Thence S $31^{\circ} 32'$ E, 635 feet;
Thence S $45^{\circ} 23'$ E, 1767 feet;
Thence S $51^{\circ} 37'$ E, 1105 feet;
Thence S $56^{\circ} 48'$ E, 531 feet;
Thence S $33^{\circ} 32'$ E, 2527 feet;
Thence S $38^{\circ} 59'$ E, 846 feet;
Thence S $51^{\circ} 35'$ E, approximately 568 feet to the bottom of Squaw Creek and the end of the 1/2 mile offset to the west of the road.
Thence S $50^{\circ} 12'$ E, 397 feet;
Thence S $53^{\circ} 26'$ E, 2046 feet;
Thence S $44^{\circ} 26'$ E, 1390 feet;
Thence S $28^{\circ} 18'$ E, approximately 319 feet to a point on a ridge top;
Thence S $06^{\circ} 13'$ E, 405 feet;
Thence S $17^{\circ} 00'$ W, 2695 feet;
Thence S $16^{\circ} 39'$ W, approximately 1653 feet to a point on a ridge top;
Thence S $11^{\circ} 14'$ W, 1341 feet;
Thence S $04^{\circ} 05'$ W, 446 feet;
Thence S $35^{\circ} 23'$ W, 688 feet;
Thence S $10^{\circ} 45'$ W, 313 feet;
Thence S $00^{\circ} 13'$ W, 463 feet;
Thence S $07^{\circ} 43'$ E, approximately 231 feet to the crest of a ridge;

Thence S $41^{\circ} 58'$ E, 267 feet;
Thence S $65^{\circ} 39'$ E, 859 feet;
Thence S $27^{\circ} 49'$ E, approximately 370 feet to the crest of a ridge;
Thence southerly along the crest of the most prominent ridge a distance of approximately 6361 feet to a hill top (Elevation 8170);
Thence S $03^{\circ} 33'$ W, 186 feet;
Thence S $16^{\circ} 20'$ W, approximately 1893 feet to the bottom of Rocky Canyon;
Thence S $16^{\circ} 09'$ W, approximately 697 feet to the crest of a hill;
Thence S $15^{\circ} 25'$ W, approximately 856 feet to the bottom of a side canyon;
Thence S $02^{\circ} 01'$ E, 1345 feet;
Thence S $17^{\circ} 13'$ E, 347 feet;
Thence S $19^{\circ} 47'$ W, 1676 feet;
Thence S $10^{\circ} 00'$ E, 339 feet;
Thence S $18^{\circ} 10'$ E, 523 feet;
Thence S $28^{\circ} 14'$ E, approximately 835 feet to the bottom of a canyon;
Thence S $00^{\circ} 56'$ E, 294 feet;
Thence S $35^{\circ} 28'$ W, 772 feet;
Thence S $34^{\circ} 30'$ W, 566 feet;
Thence S $21^{\circ} 17'$ W, 1247 feet;
Thence S $03^{\circ} 43'$ W, 296 feet;
Thence S $17^{\circ} 50'$ E, 335 feet;
Thence S $23^{\circ} 15'$ E, 326 feet;
Thence S $65^{\circ} 31'$ W, 620 feet;
Thence S $70^{\circ} 14'$ W, 672 feet;
Thence S $62^{\circ} 08'$ W, 490 feet;
Thence S $29^{\circ} 53'$ W, 1077 feet;
Thence S $44^{\circ} 51'$ W, 554 feet;

Thence S 87° 16' W, approximately 620 feet to the crest of a hill
(Elevation 7370);

Thence S 19° 50' W, 1233 feet;

Thence S 27° 32' W, approximately 323 feet to the crest of a small hill;

Thence S 61° 22' W, 507 feet;

Thence S 50° 35' W, 268 feet;

Thence S 14° 18' W, 272 feet;

Thence S 06° 33' W, 1730 feet;

Thence N 84° 38' W, 333 feet to a point on the break at the northern edge
of the mesa top;

Thence in a generally southwesterly direction along the break at the northwest
edge of the mesa top a distance of approximately 24,702 feet to the crest of
a major spur ridge (This point bears N 30° W, approximately 600 feet from the
protracted position of the section corner common to 33 and 34, T14S, R12W, and
2 and 3, T15S, R12W, NMPM, as defined on USGS "North Star Mesa, New Mexico,
1965" quadrangle map);

Thence along the crest of the ridge S 58° 03' W, 637 feet;

Thence along the crest of the ridge S 50° 31' W, 315 feet;

Thence along the crest of the ridge S 56° 36' W, 291 feet;

Thence along the crest of the ridge S 19° 12' W, 434 feet;

Thence along the crest of the ridge S 63° 46' W, 431 feet;

Thence along the crest of the ridge S 65° 53' W, 256 feet;

Thence along the crest of the ridge S 27° 45' W, 192 feet;

Thence along the crest of the ridge S 08° 03' W, 266 feet;

Thence along the crest of the ridge S 22° 31' W, 197 feet;

Thence along the crest of the ridge S 39° 43' W, 221 feet;

Thence along the crest of the ridge S 49° 59' W, 648 feet;

Thence along the crest of the ridge S 68° 56' W, 1046 feet;

Thence S 60° 33' W, 224 feet;

Thence S 22° 06' W, 332 feet;

Thence S 18° 32' W, 430 feet;

Thence S 09° 37' E, 680 feet;

Thence S 06° 53' E, approximately 903 feet to a point on the section line between Sections 3 and 10, T15S, R12W, NMPM;

Thence westerly along the section line approximately 1270 feet to the section corner common to Sections 3, 4, 9 and 10, T15S, R12W;

Thence westerly along the section line 3548 feet;

Thence N 71° 10' W, 1793 feet;

Thence N 68° 08' W, 1381 feet;

Thence N 68° 10' W, 1361 feet;

Thence N 72° 04' W, approximately 206 feet to the bottom of a side canyon;

Thence N 71° 02' W, 689 feet;

Thence N 83° 44' W, 537 feet;

Thence S 85° 07' W, approximately 387 feet to the bottom of Rocky Canyon;

Thence S 84° 37' W, 547 feet;

Thence S 83° 25' W, 392 feet;

Thence N 71° 30' W, 356 feet;

Thence N 54° 01' W, approximately 1199 feet to a point on the east boundary of patented land in Section 6, T15S, R12W;

Thence northerly along the east boundary of patented land approximately 292 feet to the northeast corner of the same patented land;

Thence westerly along the northern boundary of patented land 353 feet;

Thence N 49° 13' W, 1607 feet;

Thence N 56° 17' W, 594 feet;

Thence N 51° 36' W, 1102 feet;

Thence N 61° 49' W, approximately 835 feet to the township corner common to townships 14 and 15 south, Ranges 12 and 13 west, NMPM;

Thence N 64° 37' W, 487 feet;

Thence N 73° 57' W, 628 feet;

Thence N $78^{\circ} 21'$ W, 521 feet;
Thence N $84^{\circ} 53'$ W, 411 feet;
Thence S $79^{\circ} 14'$ W, 692 feet;
Thence S $88^{\circ} 11'$ W, 418 feet;
Thence N $86^{\circ} 23'$ W, 918 feet;
Thence N $80^{\circ} 47'$ W, approximately 598 feet to a canyon bottom;
Thence N $73^{\circ} 34'$ W, 715 feet;
Thence N $73^{\circ} 46'$ W, 322 feet;
Thence N $54^{\circ} 39'$ W, approximately 275 feet to the bottom of the East Fork of Purgatory Canyon;
Thence N $58^{\circ} 50'$ W, 1287 feet;
Thence N $56^{\circ} 15'$ W, 1315 feet;
Thence N $64^{\circ} 57'$ W, 431 feet;
Thence N $62^{\circ} 23'$ W, 546 feet;
Thence N $72^{\circ} 23'$ W, 364 feet;
Thence N $74^{\circ} 15'$ W, 543 feet;
Thence N $79^{\circ} 32'$ W, 661 feet;
Thence N $85^{\circ} 10'$ W, 437 feet;
Thence N $87^{\circ} 09'$ W, approximately 650 feet to a point on the crest of a ridge;
Thence N $86^{\circ} 54'$ W, approximately 674 feet, to a canyon bottom;
Thence N $73^{\circ} 48'$ W, 1830 feet;
Thence N $79^{\circ} 26'$ W, 757 feet;
Thence N $85^{\circ} 51'$ W, 456 feet;
Thence N $85^{\circ} 27'$ W, 302 feet;
Thence N $78^{\circ} 48'$ W, 905 feet;
Thence N $83^{\circ} 46'$ W, approximately 745 feet to the bottom of the East Fork of Meershaum Canyon;
Thence N $83^{\circ} 39'$ W, approximately 1018 feet to Meershaum Canyon bottom;

Thence N $88^{\circ} 06'$ W, 673 feet;
Thence S $77^{\circ} 44'$ W, 675 feet;
Thence S $63^{\circ} 59'$ W, 575 feet;
Thence S $66^{\circ} 29'$ W, 325 feet;
Thence S $74^{\circ} 11'$ W, approximately 387 feet to the bottom of Salt Creek Canyon;
Thence S $83^{\circ} 21'$ W, 294 feet;
Thence S $87^{\circ} 29'$ W, 316 feet;
Thence N $86^{\circ} 13'$ W, 572 feet;
Thence N $71^{\circ} 27'$ W, 410 feet;
Thence N $50^{\circ} 25'$ W, 237 feet;
Thence N $27^{\circ} 47'$ W, approximately 283 feet to a corner of patented land in the NE $\frac{1}{4}$ of Section 32, T14S, R13W, NMPM;
Thence N $15^{\circ} 05'$ W, 344 feet;
Thence N $01^{\circ} 10'$ W, 581 feet;
Thence N $14^{\circ} 50'$ E, approximately 353 feet to a peak;
Thence N $44^{\circ} 52'$ E, 1870 feet;
Thence N $35^{\circ} 48'$ E, approximately 297 feet to a peak;
Thence northerly along the crest of the ridge approximately 1712 feet to a saddle;
Thence N $07^{\circ} 29'$ W, 960 feet;
Thence N $02^{\circ} 43'$ E, 448 feet;
Thence N $10^{\circ} 17'$ E, 314 feet;
Thence N $20^{\circ} 01'$ E, 399 feet;
Thence N $31^{\circ} 48'$ E, 403 feet;
Thence N $47^{\circ} 38'$ E, 433 feet;
Thence N $32^{\circ} 27'$ E, approximately 915 feet to the bottom of a canyon;
Thence N $10^{\circ} 35'$ E, 497 feet;
Thence N $11^{\circ} 00'$ W, 1736 feet;

Thence N $00^{\circ} 29'$ W, 1145 feet;
Thence N $03^{\circ} 21'$ E, approximately 3354 feet to a peak;
Thence northwesterly along the ridge top approximately 708 feet to a peak with an elevation of 7070 feet;
Thence N $41^{\circ} 33'$ E, approximately 1434 feet to a saddle;
Thence N $13^{\circ} 24'$ E, 1404 feet;
Thence N $42^{\circ} 43'$ E, 454 feet;
Thence N $53^{\circ} 48'$ E, approximately 1032 feet to a peak;
Thence N $51^{\circ} 06'$ E, 1489 feet;
Thence N $43^{\circ} 11'$ E, 441 feet;
Thence N $39^{\circ} 31'$ E, 1187 feet;
Thence N $30^{\circ} 30'$ E, approximately 577 feet to the crest of the ridge on Buck Hannen Mountain;
Thence N $28^{\circ} 53'$ E, 586 feet;
Thence N $26^{\circ} 39'$ E, 321 feet;
Thence N $04^{\circ} 30'$ E, 561 feet;
Thence N $05^{\circ} 47'$ E, 469 feet;
Thence N $09^{\circ} 12'$ W, 407 feet;
Thence N $19^{\circ} 16'$ W, 498 feet;
Thence N $26^{\circ} 57'$ W, approximately 1342 to a point on the Military Road;
Thence northwesterly along the Military Road 594 feet;
Thence N $07^{\circ} 39'$ W, 698 feet;
Thence N $02^{\circ} 04'$ W, approximately 416 feet to a canyon bottom;
Thence N $01^{\circ} 23'$ W, 641 feet;
Thence N $03^{\circ} 28'$ E, approximately 750 feet to the bottom of Jordan Canyon;
Thence N $03^{\circ} 56'$ E, 1299 feet;
Thence N $24^{\circ} 50'$ W, 542 feet;
Thence N $11^{\circ} 32'$ E, 240 feet;

Thence N $19^{\circ} 34'$ E, 1515 feet;

Thence N $5^{\circ} 24'$ E, 842 feet;

Thence N $6^{\circ} 44'$ W, 1979 feet;

Thence N $4^{\circ} 41'$ E, 631 feet;

Thence N $17^{\circ} 11$ E, 932 feet;

Thence N $5^{\circ} 13'$ E, approximately 1092 feet to the crest of a ridge which is approximately 500 feet east of S.A. Canyon bottom;

Thence N $20^{\circ} 31'$ W, approximately 1998 feet to a point in the bottom of S.A. Canyon;

Thence N $26^{\circ} 21'$ W, 2426 feet;

Thence N $25^{\circ} 05'$ W, 2039 feet;

Thence N $14^{\circ} 00'$ W, 1060 feet;

Thence N $16^{\circ} 00'$ W, 394 feet;

Thence N $22^{\circ} 33'$ W, 1126 feet;

Thence N $16^{\circ} 14'$ W, 534 feet;

Thence N $05^{\circ} 37'$ E, 1141 feet;

Thence N $09^{\circ} 05'$ W, 563 feet;

Thence approximately N $42^{\circ} 01'$ W, approximately 425 feet to the SE corner of patented land in Section 9, T13S, R13W, NMPM;

Thence northerly along the eastern boundary of the patented land a distance of approximately 2552 feet to the NW 1/16 corner of Section 9;

Thence easterly approximately 1403 feet along the southern boundary of the patented land to the CN 1/16 corner of Section 9;

Thence northerly approximately 1394 feet along the east boundary of the patented land to the 1/4 corner between Sections 4 and 9;

Thence easterly along the section line approximately 2622 feet to the section corner common to Sections 3, 4, 9, and 10, T13S, R13W, NMPM (the section corner is also the SW corner of patented land);

Thence easterly along the southern boundary of patented land approximately 1195 feet to the SE corner of the patented land;

Thence northerly along the eastern boundary of patented land in Section 3, T13S, R13W, approximately 1019 feet to a point which is 500 feet southerly from the jeep trail which follows the canyon bottom of the East Fork of the Gila River;

Thence easterly and southerly along a meandering line which is offset 500 feet southerly from the jeep trail in the canyon bottom of the East Fork of the Gila River for a distance of approximately 14,549 feet to a point on the southern boundary of patented land in Section 11, T13S, R13W, NMPM (the approximate bearings and distances along the line are as follows:

N 58° 46' E, 589 feet,
S 83° 54' E, 265 feet,
S 15° 41' W, 1205 feet,
S 22° 39' W, 699 feet,
S 37° 17' E, 596 feet,
S 79° 26' E, 592 feet,
N 55° 29' E, 470 feet,
N 78° 44' E, 491 feet,
S 73° 36' E, 575 feet,
N 66° 42' E, 401 feet,
S 32° 17' E, 700 feet,
S 44° 16' E, 686 feet,
S 58° 33' E, 687 feet,
S 37° 17' W, 387 feet,
S 15° 25' W, 938 feet,
S 02° 12' W, 673 feet,
S 24° 58' E, 473 feet,
S 37° 45' E, 529 feet,
S 84° 14' E, 605 feet,
N 43° 46' E, 475 feet,
N 58° 07' E, 889 feet,
N 32° 48' E, 303 feet,
N 56° 11' E, 493 feet,
N 41° 16' E, 828 feet);

Thence easterly along the south boundary of the patented land approximately 535 feet to the SE corner of the patent land;

Thence northerly along the eastern boundary of the patented land approximately 2625 feet to its NE corner (the 1/4 corner between Sections 2 and 11);

Thence westerly along the northern boundary of the patented land approximately 2691 feet to its NW corner (the section corner common to Sections 2, 3, 10, and 11, T13S, R13W);

Thence southerly along the western boundary of the patented land approximately 1007 feet to a point which is 500 feet northerly from the centerline of the jeep trail which follows the canyon bottom of the East Fork of the Gila River;

Thence westerly and northerly along a meandering line which is offset 500 feet northerly from the jeep trail which follows the canyon bottom of the East Fork of the Gila River for a distance of approximately 7624 feet to a point on the east boundary of patented land in Section 3, T13S, R13W, NMPM (the approximate bearings and distances along this line are as follows:

N 70° 05' W, 468 feet,
N 48° 34' W, 597 feet,
N 31° 17' W, 1008 feet,
N 70° 44' W, 601 feet,
S 74° 53' W, 632 feet,
N 66° 39' W, 401 feet,
N 89° 46' W, 523 feet,
N 16° 00' E, 680 feet,
N 4° 38' W, 579 feet,
N 19° 41' W, 619 feet,
N 58° 29' W, 345 feet,
N 85° 50' W, 494 feet,
S 77° 09' W, 677 feet);

Thence northerly along the east boundary of the patented land approximately 475 feet to the NE corner of the patented land;

Thence westerly along the northern boundary of the patented land approximately 1240 feet to the 1/4 corner between Sections 3 and 4, T13S, R13W;

Thence westerly along the northern boundary of patented land approximately 2613 feet to the NW corner of the patented land;

Thence westerly approximately 2585 feet to the 1/4 corner between Sections 4 and 5, T13S, R13W;

Thence northerly along the section line between Sections 4 and 5 approximately 2553 feet to the section corner common to Sections 32 and 33, T12S, R13W, and Sections 4 and 5, T13S, R13W;

Thence approximately N 65° 16' W, approximately 8608 feet to the NE corner of patented land in Section 31, T12S, R13W;

Thence approximately N 42° 14' W, approximately 3820 feet to the S 1/16 corner between Section 25, T12S, R14W and Section 30, T12S, R13W;

Thence northerly along the range line between Ranges 13 and 14 West approximately 4229 feet to the SE corner of patented land in Section 24, T12S, R14W;

Thence northerly along the eastern boundary of patented land approximately 1254 feet to the NE corner of the patented land;

Thence westerly approximately 2475 feet to the NW corner of the patented land;

Thence southerly approximately 1296 feet to a corner of the patented land;

Thence westerly along the boundary of the patented land approximately 916 feet to the NW corner of the patented land in Section 25, T12S, R14W;

Thence westerly approximately 1530 feet to the section corner common to Sections 23, 24, 25, and 26, T12S, R14W;

Thence westerly along the section line approximately 5328 to the section corner common to Sections 22, 23, 26, and 27, T12S, R14W;

Thence northerly approximately 1309 feet along the east boundary of the Gila Cliff Dwellings National Mounument to its NE corner;

Thence westerly approximately 3945 feet along the north boundary of the Gila Cliff Dwellings National Monument to its NW corner;

Thence southerly approximately 5300 feet along the west boundary of the Gila Cliff dwellings National Mounument to its SW corner;

Thence easterly approximately 3951 feet along the south boundary of the Gila Cliff Dwellings National Monument to its SE corner;

Thence northerly along the east boundary of the Gila Cliff Dwellings National Monument 2497 feet;

Thence N $87^{\circ} 51'$ E, 772 feet;

Thence S $69^{\circ} 37'$ E, 306 feet;

Thence S $55^{\circ} 10'$ E, 312 feet;

Thence S $30^{\circ} 25'$ E, 971 feet;

Thence S $68^{\circ} 34'$ E, approximately 671 feet to the SW corner of patented land in Section 26, T12S, R14W;

Thence approximately S $65^{\circ} 43'$ E, approximately 3150 feet to the S 1/16 corner between Sections 25 and 26, T12S, R14W;

Thence southerly along the section line approximately 1438 feet to the section corner common to Sections 25, 26, 35, and 36, T12S, R14W;

Thence easterly along the section line approximately 1679 feet to the corner of patented land;

Thence approximately S $40^{\circ} 10'$ E, approximately 2000 feet to SW corner of patented land in Section 36, T12S, R14W;

Thence approximately S $40^{\circ} 51'$ E, approximately 3284 feet to the S 1/16 corner between Section 36, T12S, R14W, and Section 31, T12S, R13W;

Thence easterly approximately 998 feet along the patented land boundary to the patent corner;

Thence southerly approximately 1304 feet along the patented land boundary to the point where the township line is intersected;

Thence southerly approximately 1178 feet along the west boundary of the patented land to its SW corner;

Thence easterly along the south boundary of the patented land approximately 1277 feet to its SE corner;

Thence northerly along the east boundary of the patented land approximately 513 feet to the crest of the ridge;

Thence southeasterly along the crest of the ridge 535 feet;

Thence S $76^{\circ} 54'$ E, 256 feet;

Thence N $74^{\circ} 50'$ E, approximately 771 feet to the bottom of Little Creek;

Thence S $89^{\circ} 54'$ E, 315 feet;

Thence S $78^{\circ} 13'$ E, 509 feet;

Thence S $60^{\circ} 30'$ E, 481 feet;

Thence S $87^{\circ} 51'$ E, approximately 1218 feet to a point along the west boundary of patented land in Section 5, T13S, R13W;

Thence southerly along the west boundary of the patented land approximately 3976 feet to the W 1/16 corner between Sections 5 and 8, T13S, R13W;

Thence S $20^{\circ} 12'$ E, approximately 2630 feet to a point in the bottom of the Gila River Canyon;

Thence S $10^{\circ} 13'$ W, 2663 feet;

Thence S $60^{\circ} 07'$ E, 451 feet;

Thence S $54^{\circ} 16'$ E, 266 feet;

Thence S $36^{\circ} 45'$ E, 419 feet;

Thence S $8^{\circ} 50'$ E, 320 feet;

Thence S $41^{\circ} 06'$ E, 1999 feet;

Thence S $10^{\circ} 42'$ E, 421 feet along the crest of the ridge;

Thence S $25^{\circ} 45'$ E, 338 feet along the crest of the ridge;

Thence S $68^{\circ} 46'$ E, 344 feet along the crest of the ridge;

Thence S $36^{\circ} 22'$ E, 449 feet along the crest of the ridge;

Thence S $13^{\circ} 08'$ E, 694 feet along the crest of the ridge;

Thence S $36^{\circ} 17'$ E, 297 feet along the crest of the ridge;

Thence S $09^{\circ} 34'$ E, 400 feet along the crest of the ridge;

Thence S $62^{\circ} 25'$ W, 518 feet;

Thence S $53^{\circ} 57'$ W, 967 feet;

Thence S $69^{\circ} 06'$ W, 630 feet;
Thence S $43^{\circ} 29'$ W, 287 feet;
Thence S $25^{\circ} 53'$ E, 3269 feet;
Thence S $53^{\circ} 25'$ E, 857 feet;
Thence S $44^{\circ} 52'$ E, approximately 1097 feet to a point on the crest of the ridge;
Thence southerly along the crest of the ridge approximately 6085 feet to the saddle at the head of S.A. Canyon;
Thence S $5^{\circ} 42'$ E, 832 feet;
Thence S $15^{\circ} 33'$ W, 500 feet;
Thence S $15^{\circ} 06'$ E 284 feet;
Thence S $21^{\circ} 07'$ W, 938 feet;
Thence S $60^{\circ} 43'$ W, 529 feet;
Thence S $40^{\circ} 55'$ W, 652 feet;
Thence S $57^{\circ} 33'$ W, 368 feet;
Thence S $39^{\circ} 47'$ W, 664 feet;
Thence S $24^{\circ} 52'$ W, 367 feet;
Thence S $16^{\circ} 52'$ W, 479 feet;
Thence S $16^{\circ} 34'$ W, approximately 969 feet to the triangulation station on Copperas Peak;
Thence southeasterly along the crest of the ridge 1487 feet;
Thence S $17^{\circ} 59'$ E, 810 feet;
Thence S $08^{\circ} 56'$ E, 480 feet;
Thence S $14^{\circ} 24'$ W, approximately 735 feet to a point on the crest of the ridge;
Thence southerly along the crest of the ridge 3697 feet;
Thence S $45^{\circ} 30'$ W, approximately 744 feet to the top of a small peak;
Thence S $49^{\circ} 45'$ W, 463 feet;
Thence S $53^{\circ} 05'$ W, 1318 feet;

Thence S $47^{\circ} 14'$ W, 438 feet;
Thence S $21^{\circ} 12'$ W, 444 feet;
Thence S $09^{\circ} 54'$ E, 848 feet along the crest of a ridge;
Thence S $07^{\circ} 08'$ W, 495 feet along the crest of a ridge;
Thence S $45^{\circ} 57'$ W, 428 feet along the crest of a ridge;
Thence S $05^{\circ} 14'$ W, 545 feet along the crest of a ridge;
Thence S $29^{\circ} 29'$ E, 936 feet;
Thence S $31^{\circ} 34'$ W, 479 feet;
Thence S $44^{\circ} 15'$ W, 571 feet;
Thence S $0^{\circ} 32'$ W, 935 feet;
Thence S $65^{\circ} 20'$ W, 302 feet;
Thence S $54^{\circ} 32'$ W, 471 feet;
Thence S $02^{\circ} 01'$ W, 569 feet;
Thence S $10^{\circ} 56'$ W, 863 feet;
Thence S $21^{\circ} 29'$ W, 794 feet;
Thence S $36^{\circ} 24'$ W, 398 feet;
Thence S $26^{\circ} 08'$ W, 184 feet;
Thence N $81^{\circ} 48'$ W, 586 feet;
Thence S $69^{\circ} 06'$ W, 242 feet;
Thence S $33^{\circ} 43'$ W, 614 feet;
Thence S $20^{\circ} 51'$ W, 680 feet;
Thence S $04^{\circ} 59'$ W, 1228 feet;
Thence S $22^{\circ} 33'$ E, approximately 256 feet to a point on the crest of a ridge;
Thence easterly 527 feet ascending the crest of the ridge;
Thence S $51^{\circ} 30'$ E, 259 feet;
Thence S $09^{\circ} 15'$ E, 190 feet;

Thence S 22° 07' W, approximately 1150 feet to a peak (elevation 6554);
 Thence southerly approximately 847 feet along the crest of the ridge to a small peak;
 Thence S 63° 22' W, approximately 800 feet to a point on the crest of a ridge;
 Thence southwesterly 1364 feet along the crest of the ridge;
 Thence southwesterly 606 feet along the crest of the ridge;
 Thence S 61° 34' W, 365 feet;
 Thence N 87° 29' W, 268 feet;
 Thence N 83° 05' W, 263 feet;
 Thence S 49° 31' W, approximately 235 feet to a point in the bottom of Copperas Creek;
 Thence S 28° 18' W, 380 feet ascending along the crest of a spur ridge;
 Thence S 85° 15' W, approximately 425 feet ascending the crest of the spur ridge to a point on the crest of the major ridge;
 Thence S 01° 38' W, approximately 561 feet to a point on the crest of a ridge;
 Thence S 27° 54' W, approximately 1038 feet to a point in the bottom of Sapillo Creek;
 Thence S 51° 04' W, approximately 700 feet to a point on the crest of a ridge;
 Thence southerly along the crest of the ridge approximately 2234 feet to a saddle;
 Thence S 22° 49' W, 309 feet;
 Thence S 62° 18' W, 238 feet;
 Thence S 16° 58' W, 427 feet;
 Thence approximately N 89° 37' W, approximately 158 feet to the township corner common to Townships 14 and 15 South, Ranges 13 and 14 West;
 Thence N 85° 07' W, 254 feet;
 Thence S 81° 29' W, 465 feet;
 Thence S 32° 52' W, approximately 260 feet to a point in a small canyon bottom;
 Thence N 68° 17' W, 626 feet;
 Thence S 77° 28' W, 223 feet;
 Thence S 47° 56' W, 254 feet;
 Thence S 04° 32' E, approximately 998 feet to a point in a drainage bottom;

Thence N $38^{\circ} 58'$ W, 1583 feet;
Thence approximately along the contour S $73^{\circ} 57'$ W, 198 feet;
Thence N $40^{\circ} 41'$ W, 331 feet approximately along contour;
Thence S $44^{\circ} 15'$ W, 355 feet along contour;
Thence N $40^{\circ} 18'$ W, 622 feet along contour;
Thence N $02^{\circ} 23'$ E, 290 feet along contour;
Thence S $70^{\circ} 19'$ W, 245 feet along contour;
Thence S $49^{\circ} 46'$ W, 629 feet along contour;
Thence N $77^{\circ} 08'$ W, 249 feet along contour;
Thence S $62^{\circ} 13'$ W, 294 feet;
Thence S $40^{\circ} 03'$ W, approximately 211 feet to a point in a drainage bottom;
Thence N $55^{\circ} 34'$ W, 184 feet;
Thence N $82^{\circ} 01'$ W, 318 feet;
Thence S $72^{\circ} 18'$ W, 314 feet;
Thence S $65^{\circ} 26'$ W, approximately 364 feet to a point in a drainage bottom;
Thence N $05^{\circ} 25'$ E, 426 feet;
Thence N $17^{\circ} 07'$ W, 366 feet;
Thence N $73^{\circ} 35'$ W, approximately 262 feet to a point on the crest of a ridge;
Thence S $41^{\circ} 25'$ W, 559 feet;
Thence S $13^{\circ} 40'$ W, 347 feet;
Thence S $0^{\circ} 14'$ W, approximately 577 feet to a point in a sharp drainage bottom;
Thence N $33^{\circ} 06'$ W, approximately 763 feet to a point on the crest of a ridge;
Thence S $06^{\circ} 11'$ W, 615 feet;
Thence S $22^{\circ} 55'$ W, 529 feet;
Thence S $44^{\circ} 32'$ W, 487 feet;
Thence N $85^{\circ} 28'$ W, approximately 280 feet to a point on the crest of a ridge;

Thence S $33^{\circ} 36'$ E, 818 feet;
Thence S $48^{\circ} 00'$ E, 266 feet;
Thence S $0^{\circ} 33'$ W, 445 feet;
Thence S $41^{\circ} 33'$ E, 262 feet;
Thence S $41^{\circ} 49'$ E, 206 feet;
Thence S $73^{\circ} 43'$ E, 443 feet;
Thence S $56^{\circ} 08'$ E, approximately 524 feet to a point on the crest of a ridge;
Thence N $64^{\circ} 42'$ E, 336 feet;
Thence S $89^{\circ} 42'$ E, 1406 feet;
Thence S $47^{\circ} 37'$ E, approximately 649 feet to a point in a canyon bottom approximately 1500 feet downstream of Wild Horse Mesa Tank;
Thence N $70^{\circ} 57'$ W, 532 feet;
Thence S $65^{\circ} 27'$ W, 725 feet;
Thence S $09^{\circ} 19'$ E, 540 feet;
Thence S $09^{\circ} 59'$ W, 381 feet;
Thence S $31^{\circ} 10'$ E, approximately 320 feet to the head of a drainage;
Thence descending southwesterly along the drainage bottom approximately 1795 feet to its confluence with Trout Creek;
Thence S $45^{\circ} 28'$ W, 740 feet;
Thence S $34^{\circ} 30'$ W, 819 feet;
Thence S $47^{\circ} 48'$ W, 496 feet;
Thence S $58^{\circ} 16'$ W, 1543 feet;
Thence N $83^{\circ} 14'$ W, approximately 410 feet to the top of a peak (Elevation 6593 feet);
Thence N $48^{\circ} 32'$ W, 543 feet;
Thence N $54^{\circ} 40'$ W, 619 feet;
Thence N $56^{\circ} 03'$ W, 1891 feet;
Thence N $37^{\circ} 45'$ W, 1600 feet;
Thence N $53^{\circ} 40'$ W, 540 feet;

Thence N $75^{\circ} 03'$ W, approximately 450 feet to a peak (Elevation 6370);

Thence S $87^{\circ} 28'$ W, approximately 620 feet to the break in slope at the west end of Maverick Mesa;

Thence S $74^{\circ} 21'$ W, 1750 feet across Cow Creek Canyon;

Thence N $0^{\circ} 02'$ E, 785 feet;

Thence N $31^{\circ} 42'$ W, approximately 277 feet to the crest of a ridge;

Thence S $61^{\circ} 56'$ W, 330 feet;

Thence S $32^{\circ} 44'$ W, approximately 1704 feet to a canyon bottom;

Thence N $0^{\circ} 02'$ E, approximately 1528 feet to crest of a ridge;

Thence S $59^{\circ} 48'$ W, approximately 709 feet to the crest of a spur ridge;

Thence S $07^{\circ} 10'$ W, 451 feet;

Thence S $54^{\circ} 52'$ W, 364 feet;

Thence S $76^{\circ} 01'$ W, 412 feet;

Thence S $14^{\circ} 02'$ W, 1023 feet;

Thence S $35^{\circ} 33'$ W, 1158 feet;

Thence N $89^{\circ} 32'$ W, approximately 268 feet to the bottom of Sheep Corral Canyon at the mouth of a side drainage;

Thence ascending the bottom of the side drainage westerly 368 feet;

Thence N $26^{\circ} 20'$ E, 771 feet;

Thence N $26^{\circ} 48'$ E, 492 feet;

Thence N $01^{\circ} 42'$ W, 1253 feet;

Thence N $30^{\circ} 48'$ E, 390 feet;

Thence N $44^{\circ} 30'$ E, 308 feet;

Thence N $05^{\circ} 46'$ W, 494 feet;

Thence N $08^{\circ} 42'$ E, 212 feet;

Thence N $49^{\circ} 21'$ E, 282 feet;

Thence N $17^{\circ} 39'$ E, 264 feet;

Thence N $42^{\circ} 45'$ W, 147 feet;

Thence S 80° 23' W, approximately 286 feet to a drainage bottom;

Thence N 08° 01' W, 641 feet;

Thence N 59° 58' W, approximately 987 feet to crest of ridge;

Thence S 07° 05' W, 700 feet;

Thence S 08° 33' E, 561 feet;

Thence S 00° 17' E, 361 feet;

Thence S 30° 19' W, approximately 317 feet to a canyon bottom;

Thence N 13° 11' W, 620 feet;

Thence N 78° 14' W, 502 feet;

Thence S 35° 13' W, approximately 2055 feet to the crest of a ridge;

Thence S 28° 34' E, 601 feet;

Thence S 05° 12' W, 509 feet;

Thence S 50° 00' W, approximately 636 feet to the crest of a ridge;

Thence N 62° 17' W, approximately 839 feet to a point on a sharp ridge near the bottom of Snow Creek;

Thence approximately S 31° 41' W, 282 feet across Snow Creek to a point in the bottom of a lateral drainage;

Thence ascending the main lateral drainage bottom southwesterly approximately 1876 feet to a peak on the major ridge;

Thence west-northwesterly along the crest of the ridge approximately 5177 feet to a peak;

Thence south and westerly along the crest of the major ridge approximately 4075 feet to a peak (Elevation 7426);

Thence westerly along the crest of Goose Lake Ridge approximately 6515 feet to a peak (Elevation 7638 feet);

Thence northwesterly along the crest of Goose Lake Ridge approximately 3512 feet to a saddle which is approximately 1300 feet southeast of Goose Lake;

Thence N 49° 29' W, 535 feet;

Thence N 63° 18' W, 583 feet;

Thence N 81° 00' W, 885 feet to a point on the crest of Goose Lake Ridge;

Thence westerly approximately 9946 feet along the crest of Goose Lake Ridge to a peak (Elevation 7715 feet);

Thence descending westerly along the crest of the ridge through Seep Springs Gap approximately 4500 feet to a peak (Elevation 7384);

Thence S 64° 32' W, 465 feet along the crest of the ridge;

Thence N 85° 09' W, 669 feet along the crest of the ridge;

Thence N 49° 29' W, 550 feet along the crest of the ridge;

Thence N 80° 02' W, approximately 756 feet along the crest of the ridge to the point of intersection with the section line common to Sections 5 and 6, T15S, R15W, NMPM;

Thence northerly along the section line approximately 643 feet to the quarter corner common to Sections 5 and 6, T15S, R15W;

Thence westerly approximately 5245 feet to the quarter corner common to Sections 1, T15S, R16W, and 6, T15S, R15W;

Thence westerly approximately 5211 feet to the quarter corner common to Sections 1 and 2, T15S, R16W;

Thence westerly approximately 5169 feet to the quarter corner common to Sections 2 and 3, T15S, R16W;

Thence northerly along the section line between Sections 2 and 3, approximately 2663 feet to the section corner common to Sections 2 and 3, T15S, R16W, and 34 and 35, T14S, R16W;

Thence North, 18,480 feet;

Thence West, 1320 feet;

Thence North, 1320 feet over the top of a peak (Elevation 6513);

Thence West 6600 feet;

Thence South 1320 feet;

Thence West 1320 feet;

Thence South 5280 feet;

Thence westerly approximately 1320 feet to the quarter corner common to Sections 20 and 21, T14S, R16W;

Thence westerly approximately 5280 feet to the quarter corner common to Sections 19 and 20;

Thence westerly approximately 5280 feet to the quarter corner common to Section 19, T14S, R16W, and Section 24, T14S, R17W;

Thence westerly approximately 5280 feet to the quarter corner common to Sections 23 and 24, T14S, R17W;

Thence westerly approximately 5280 feet to the quarter corner common to Sections 22 and 23;

Thence northerly along the section lines approximately 18,480 feet to the northwest corner to Section 2, T14S, R17W;

Thence westerly along the township line approximately 5496 feet to the southwest corner of Section 34, T13S, R17W;

Thence northerly along the section line 3558 feet;

Thence N $87^{\circ} 59'$ W, 322 feet, with the intent of following the boundary of HES 402 or of staying outside of the patented parcel;

Thence N $39^{\circ} 31'$ W, 1515 feet;

Thence N $18^{\circ} 39'$ W, approximately 514 feet to a point on the crest of a spur ridge;

Thence northerly along the crest of the ridge 844 feet;

Thence N $52^{\circ} 49'$ W, approximately 399 feet to the crest of the major ridge;

Thence southwesterly along the crest of the ridge 2595 feet (the approximate courses of the ridge top are as follows:

S $73^{\circ} 50'$ W, 318 feet,
S $36^{\circ} 53'$ W, 518 feet,
S $46^{\circ} 56'$ W, 513 feet,
S $29^{\circ} 23'$ W, 1246 feet);

Thence S $54^{\circ} 39'$ W, 558 feet;

Thence N $88^{\circ} 47'$ W, approximately 431 feet to an arroyo;

Thence N $50^{\circ} 13'$ W, 489 feet along the northeast edge of a road;

Thence N $32^{\circ} 56'$ W, approximately 773 feet to the crest of a low hill;

Thence N $33^{\circ} 29'$ W, 345 feet;

Thence N $03^{\circ} 10'$ W, 222 feet;

Thence N $08^{\circ} 16'$ E, approximately 495 feet to the crest of a ridge;

Thence ascending northwesterly along the crest of the ridge 2555 feet;

Thence descending westerly along the crest of a spur ridge 651 feet;

Thence N $87^{\circ} 21'$ W, approximately 538 feet to the bottom of a canyon;

Thence N $58^{\circ} 50'$ W, 1135 feet;

Thence N $48^{\circ} 57'$ W, approximately 871 feet to a canyon bottom;

Thence N $42^{\circ} 32'$ W, 520 feet;

Thence N $28^{\circ} 46'$ W, approximately 469 feet to a canyon bottom;

Thence N $32^{\circ} 18'$ W, approximately 1493 feet to the section line between sections 19 and 30, T13S, R17W;

Thence westerly along the section line approximately 4341 feet to the southwest corner of Section 19, T13S, R17W;

Thence northerly along the range line approximately 11,077 feet to the southeast corner of Section 12, T13S, R18W;

Thence westerly along the section line approximately 5255 feet to the section corner common to Sections 11, 12, 13, and 14, T13S, R18W;

Thence N $19^{\circ} 42'$ W, approximately 1650 feet to a peak (Elevation 6579 feet);

Thence S $67^{\circ} 40'$ W, 706 feet;

Thence N $79^{\circ} 15'$ W, 341 feet;

Thence N $51^{\circ} 17'$ W, approximately 389 feet to the bottom of Rain Creek;

Thence N $44^{\circ} 34'$ W, approximately 1401 feet to the crest of a major ridge;

Thence ascending northwest along the crest of the ridge approximately 1857 feet to a peak (Elevation 6714 feet);

Thence northerly along the crest of the ridge approximately 1187 feet to the section line common to Sections 2 and 11, T13S, R18W;

Thence westerly along the section line approximately 1286 feet to the section corner common to Sections 2, 3, 10, and 11, T13S, R18W, NMPM;

Thence northerly along the section line between sections 2 and 3, approximately 1243 feet to the bottom of a drainage;

Thence S $89^{\circ} 31'$ W, 531 feet;

Thence N $81^{\circ} 50'$ W, approximately 210 feet to a point on the crest of a ridge;

Thence descending northwesterly along the crest of the ridge 880 feet;

Thence N $83^{\circ} 25'$ W, approximately 312 feet to a point in the bottom of Cherry Canyon;

Thence N $40^{\circ} 52'$ W, approximately 1228 feet to a point on the crest of a ridge;

Thence ascending northwesterly along the crest of the ridge approximately 1979 feet to a peak;

Thence descending northwesterly along the crest of the ridge 1330 feet;

Thence N $79^{\circ} 22'$ W, approximately 593 feet to the section corner common to Sections 3 and 4, T13S, R18W, and Sections 33 and 34, T12S, R18W;

Thence westerly along the township line approximately 1757 feet to the crest of a ridge;

Thence ascending north-northwesterly along the crest of the ridge 4008 feet;

Thence N $77^{\circ} 17'$ W, approximately 479 feet to the bottom of a canyon;

Thence N $81^{\circ} 28'$ W, approximately 656 feet to the crest of a low peak;

Thence northerly along the crest of the ridge approximately 1432 feet to a peak (Elevation 7150 feet);

Thence northeasterly along the crest of the ridge approximately 1218 feet to a peak;

Thence descending northwesterly along the crest of the ridge approximately 927 feet to the bottom of a canyon;

Thence N $75^{\circ} 45'$ W, approximately 227 feet to the crest of a ridge;

Thence ascending northerly along the crest of the ridge 689 feet;

Thence N $57^{\circ} 16'$ W, 207 feet;

Thence S $74^{\circ} 51'$ W, approximately 467 feet to Sacaton Creek at the confluence of a side drainage from the west;

Thence westerly ascending the bottom of the side drainage 315 feet;

Thence ascending northerly along the crest of the ridge 2120 feet;

Thence N $87^{\circ} 15'$ W, 736 feet;

Thence N $10^{\circ} 49'$ W, 171 feet;

Thence N $28^{\circ} 26'$ W, 139 feet;

Thence N $51^{\circ} 41'$ W, 109 feet;

Thence S $89^{\circ} 28'$ W, approximately 238 feet to a point on the ridge northeast of Lone Pine Hill;

Thence ascending the ridge crest northwesterly approximately 2366 feet to a peak (Elevation 8201 feet);

Thence northerly along the crest of the ridge approximately 2493 feet to the point of intersection with Latitude $33^{\circ} 15' 00''$ North;

Thence west on Latitude $33^{\circ} 15' 00''$ N, approximately 7064 feet to the crest of a ridge;

Thence descending southwesterly along the crest of the ridge 838 feet;

Thence descending the crest of the ridge west-southwesterly 1019 feet;

Thence descending west-northwesterly along the crest of the ridge approximately 1274 feet to the bottom of Brushy Canyon;

Thence $S 82^{\circ} 39' W$, 185 feet;

Thence $S 43^{\circ} 47' W$, 188 feet;

Thence $S 27^{\circ} 24' W$, approximately 344 feet to a peak (Elevation 7773 feet);

Thence descending southerly along the crest of a ridge 1399 feet;

Thence descending southwesterly along the crest of the ridge approximately 2229 feet to a peak (Elevation 7452 feet);

Thence approximately $N 76^{\circ} W$, 1560 feet descending the crest a very steep, rocky ridge;

Thence approximately $N 56^{\circ} W$, 823 feet along the crest of a low ridge;

Thence $N 76^{\circ} 15' W$, approximately 228 feet to the bottom of Big Dry Creek;

Thence $N 40^{\circ} 03' W$, 635 feet;

Thence $N 27^{\circ} 59' W$, 743 feet;

Thence $N 15^{\circ} 03' W$, 650 feet;

Thence $N 18^{\circ} 20' W$, 1289 feet;

Thence $N 33^{\circ} 48' W$, approximately 818 feet to a peak (Elevation 8220 feet);

Thence westerly along the ridge crest 394 feet;

Thence southwesterly along the ridge crest 441 feet;

Thence $S 01^{\circ} 01' E$, 331 feet;

Thence southerly along the crest of the ridge 787 feet;

Thence approximately $S 61^{\circ} 52' W$, 1124 feet descending along the bottom of a drainage;

Thence $S 86^{\circ} 50' W$, 424 feet;

Thence $S 76^{\circ} 09' W$, 241 feet;

Thence S $47^{\circ} 27'$ W, approximately 239 feet to a point on the crest of a ridge;
Thence S $34^{\circ} 21'$ W, 493 feet along the crest of a ridge;
Thence S $83^{\circ} 50'$ W, 386 feet;
Thence S $47^{\circ} 04'$ W, 407 feet;
Thence S $64^{\circ} 49'$ W, 314 feet;
Thence N $75^{\circ} 29'$ W, 569 feet;
Thence S $83^{\circ} 37'$ W, 213 feet;
Thence N $49^{\circ} 09'$ W, 477 feet;
Thence N $05^{\circ} 04'$ W, approximately 289 feet to the bottom of a canyon;
Thence S $67^{\circ} 12'$ W, approximately 416 feet to a point on the crest of a low narrow ridge;
Thence southwesterly along the crest of the ridge approximately 1811 feet to the top of a low hill;
Thence descending N $69^{\circ} 10'$ W, approximately 440 feet to the bottom of Garolen Gulch at a point 300 feet upstream from the dam on Rattlesnake Tank;
Thence N $79^{\circ} 15'$ W, approximately 518 feet to the crest of a ridge;
Thence ascending northerly along the crest of the ridge approximately 1148 feet to the top of a peak (Elevation 6361 feet);
Thence ascending northeasterly along the crest of the ridge 3918 feet;
Thence N $57^{\circ} 06'$ W, 214 feet;
Thence N $68^{\circ} 51'$ W, 344 feet;
Thence N $77^{\circ} 36'$ W, approximately 505 feet to the bottom of Sheridan Gulch;
Thence N $59^{\circ} 57'$ W, 196 feet;
Thence N $28^{\circ} 19'$ W, 416 feet;
Thence N $03^{\circ} 47'$ W, 266 feet;
Thence N $06^{\circ} 45'$ E, approximately 258 feet to a peak (Elevation 6750 feet);
Thence N $22^{\circ} 17'$ E, 307 feet;
Thence N $18^{\circ} 07'$ E, 187 feet;
Thence N $0^{\circ} 25'$ E, 336 feet;

Thence N $16^{\circ} 49'$ E, 367 feet;

Thence N $10^{\circ} 10'$ W, 449 feet;

Thence N $40^{\circ} 15'$ W, 191 feet;

Thence N $81^{\circ} 53'$ W, 171 feet;

Thence S $67^{\circ} 12'$ W, 566 feet;

Thence S $70^{\circ} 40'$ W, 229 feet;

Thence N $88^{\circ} 53'$ W, approximately 216 feet to the bottom of S Dugway Canyon;

Thence N $71^{\circ} 38'$ W, 236 feet;

Thence N $33^{\circ} 04'$ W, 427 feet;

Thence N $40^{\circ} 44'$ W, approximately 214 feet to a point on the crest of a ridge;

Thence northerly along the crest of the ridge approximately 1477 feet to the point where the section line is intersected between Sections 10 and 15, T12S, R19W, NMPM;

Thence westerly along the section lines approximately 5543 feet to the section corner common to Sections 8, 9, 16, and 17, T12S, R19W;

Thence northerly along section lines approximately 36,960 feet to the section corner common to Sections 4, 5, 8, and 9, T11S, R19W;

Thence easterly along section lines a distance of approximately 24,975 feet to a peak which is S $74^{\circ} 15'$ W, approximately 9352 feet from Silver Creek Divide;

Thence northeasterly along the crest of the ridge approximately 820 feet to a saddle;

Thence southeasterly along the crest of the ridge approximately 1792 feet to the point where the section line between Sections 5 and 8, T11S, R18W, crosses the ridge;

Thence easterly along the section line 1228 feet;

Thence N $64^{\circ} 01'$ E, approximately 737 feet to a point on the crest of a ridge;

Thence easterly along the crest of the major ridge over two peaks (Elevations 9565 and 10,153 feet) for a distance of approximately 11,000 feet to the point where the section line between Sections 3 and 10, T11S, R18W crosses the ridge top;

Thence easterly along the section line 3275 feet;

Thence N $62^{\circ} 53'$ E, approximately 1412 feet to a point on the crest of the ridge;

Thence northeasterly along the crest of the ridge 10,235 feet;

Thence S 86° 13' E, 1349 feet;

Thence N 36° 46' E, approximately 1028 feet to the top of a small peak between Bursum Road and Willow Creek;

Thence S 77° 31' E, approximately 2727 feet across Willow Creek to a point on the crest of a ridge which is approximately 800 feet northerly from a peak (Elevation 9075 feet);

Thence northeasterly along the crest of the ridge approximately 7343 feet to a peak (Elevation 8548 feet);

Thence northeasterly along the crest of a ridge approximately 3300 feet to a peak (Elevation 8471 feet);

Thence northeasterly along the crest of the ridge 5506 feet;

Thence S 10° 24' W, approximately 411 feet to the crest of a small spur ridge;

Thence S 45° 00' E, 346 feet;

Thence N 41° 25' E, 204 feet;

Thence S 63° 52' E, approximately 544 feet across Little Turkey Creek to the break on the north edge of the top of Iron Creek Mesa;

Thence generally northeasterly approximately 8676 feet along the northwest break of the top of Iron Creek Mesa to a point on the crest of a ridge (following are the approximate bearings and distances of courses along this line:

N 56° 26' E, 238 feet,
N 03° 15' E, 276 feet,
N 05° 00' E, 358 feet,
S 89° 24' E, 388 feet,
S 34° 48' E, 504 feet,
S 25° 32' E, 382 feet,
N 08° 57' E, 413 feet,
N 14° 08' W, 924 feet,
N 21° 40' E, 422 feet,
S 73° 06' E, 280 feet,
N 34° 31' E, 992 feet,
N 03° 47' W, 463 feet,
N 33° 09' E, 702 feet,
S 73° 06' E, 214 feet,
N 34° 44' E, 669 feet,
N 10° 06' E, 605 feet,
N 51° 56' E, 846 feet);

Thence northerly along the crest of the ridge 757 feet;

Thence N 16° 47' E, approximately 564 feet to the bottom of Gilita Creek;

Thence N $01^{\circ} 29'$ E, 362 feet;

Thence N $35^{\circ} 35'$ W, 551 feet;

Thence N $15^{\circ} 19'$ E, 507 feet;

Thence N $58^{\circ} 39'$ E, 249 feet;

Thence S $81^{\circ} 10'$ E, 794 feet;

Thence N $07^{\circ} 32'$ E, 468 feet;

Thence N $73^{\circ} 12'$ E, approximately 479 feet to the bottom of a drainage which drains southeasterly from the area of Sheep Spring on Gilita Ridge;

Thence N $49^{\circ} 03'$ E, 369 feet;

Thence S $20^{\circ} 02'$ E, 210 feet;

Thence S $20^{\circ} 31'$ E, approximately 660 feet to a point on the crest of a spur ridge;

Thence N $74^{\circ} 24'$ E, 374 feet;

Thence S $86^{\circ} 48'$ E, 398 feet;

Thence S $65^{\circ} 45'$ E, approximately 469 feet to a point on the crest of a sharp spur ridge;

Thence N $9^{\circ} 14'$ W, approximately 221 feet to the bottom of a small drainage (drains southeast);

Thence S $54^{\circ} 16'$ E, 803 feet;

Thence N $88^{\circ} 16'$ E, 626 feet;

Thence N $76^{\circ} 08'$ E, 246 feet;

Thence N $61^{\circ} 17'$ E, 260 feet;

Thence S $85^{\circ} 44'$ E, 260 feet;

Thence N $33^{\circ} 58'$ E, approximately 140 feet to the bottom of a small drainage (drains southeast);

Thence S $84^{\circ} 51'$ E, 405 feet;

Thence N $81^{\circ} 35'$ E, 395 feet;

Thence S $88^{\circ} 49'$ E, 436 feet;

Thence N $56^{\circ} 38'$ E, 405 feet;

Thence N $32^{\circ} 01'$ E, approximately 312 feet to the bottom of a sharp drainage (drains southeast);

Thence S $56^{\circ} 23'$ E, 410 feet;

Thence S $48^{\circ} 02'$ E, approximately 367 feet to the crest of a sharp spur ridge;

Thence N $62^{\circ} 01'$ E, approximately 689 feet to the bottom of a drainage (drains southerly);

Thence S $61^{\circ} 17'$ E, 471 feet;

Thence N $67^{\circ} 05'$ E, 250 feet;

Thence N $37^{\circ} 54'$ E, 284 feet to a point on the gentle top of Gilita Ridge;

Thence N $87^{\circ} 43'$ E, 1912 feet;

Thence S $86^{\circ} 40'$ E, 1698 feet;

Thence S $81^{\circ} 05'$ E, 1189 feet to a point on the crest of Gilita Ridge;

Thence S $83^{\circ} 13'$ E, approximately 1719 feet along the crest of Gilita Ridge to the crest of a low peak (Elevation 7973 feet);

Thence S $83^{\circ} 14'$ E, 4088 feet to a point on the crest of Gilita Ridge;

Thence descending easterly along the crest of Gilita Ridge 4400 feet;

Thence N $89^{\circ} 29'$ E, 190 feet;

Thence N $25^{\circ} 08'$ E, approximately 203 feet to the junction of Gilita Creek and Snow Creek (the drainage below Snow Lake);

Thence N $07^{\circ} 48'$ E, 702 feet;

Thence N $15^{\circ} 30'$ E, 203 feet;

Thence N $45^{\circ} 53'$ E, 401 feet;

Thence N $48^{\circ} 38'$ E, 205 feet;

Thence S $89^{\circ} 55'$ E, approximately 322 feet to the crest of the major ridge;

Thence southeasterly along the crest of the ridge approximately 6255 feet to a peak (Elevation 8132 feet);

Thence easterly along the crest of the ridge approximately 6824 feet to the triangulation station "LOCO, 1939" on the top of Loco Mountain (Elevation 8329 feet, Latitude $33^{\circ} 24' 47.7''$ N, Longitude $108^{\circ} 26' 46.7''$ W);

Thence easterly along the crest of the ridge approximately 3063 feet to a peak (Elevation 8313 feet);

Thence northerly and northeasterly along the crest of the ridge approximately 2419 feet to a peak (Elevation 8300 feet);

Thence easterly along the crest of the ridge approximately 2125 feet to a peak (Elevation 8231 feet);

Thence east-southeasterly along the crest of the ridge approximately 6089 feet to a peak (Elevation 7902 feet);

Thence S 52° 28' E, approximately 2827 feet to a peak (Elevation 7832 feet);

Thence S 67° 40' E, 818 feet along the ridge top;

Thence S 69° 50' E, 727 feet along the ridge top;

Thence S 76° 14' E, 388 feet along the ridge top;

Thence S 55° 44' E, 533 feet along the ridge top;

Thence S 52° 52' E, 906 feet along the ridge top;

Thence S 62° 26' E, 567 feet along the ridge top;

Thence S 73° 06' E, 401 feet along the ridge top;

Thence S 77° 48' E, 562 feet along the ridge top;

Thence S 78° 48' E, approximately 664 feet to the section corner common to Sections 27, 28, 33, and 34, T10S, R15W, NMPM;

Thence southerly along the section line approximately 2059 feet to the break on the south edge of the mesa top;

Thence N 85° 53' E, 601 feet;

Thence S 80° 35' E, 295 feet;

Thence S 34° 26' E, approximately 257 feet to a point on the crest of the ridge;

Thence S 14° 30' W, 378 feet;

Thence S 13° 55' E, 222 feet;

Thence S 23° 49' E, 951 feet across Canyon Creek canyon;

Thence S 57° 04' W, 326 feet;

Thence S 23° 51' W, 347 feet;

Thence S 46° 50' W, 230 feet;

Thence S 17° 27' W, 168 feet;

Thence S 26° 46' W, 418 feet;

Thence S 58° 49' E, 159 feet;

Thence N 79° 25' E, 346 feet;

Thence N 40° 04' E, 243 feet;

Thence N 48° 53' E, approximately 191 feet to a drainage bottom 100 feet downstream from the dam of an earth stocktank;

Thence S 03° 42' E, 240 feet;

Thence S 32° 41' W, 204 feet;

Thence S 20° 12' W, 238 feet;

Thence S 46° 25' W, approximately 243 feet to the township line common to Townships 10 and 11 South at a point 256 feet westerly from the Closing Corner between Sections 2 and 3, T11S, R15W, NMPM;

Thence easterly along the Township line 256 feet to the northeast corner of Section 3, T11S, R15W;

Thence easterly along the township line (the Second Standard Parallel South) approximately 9176 feet to the Standard Corner between sections 35 and 36, T10S, R15W, NMPM;

Thence easterly along the township line 465 feet;

Thence N 59° 58' E, 281 feet;

Thence N 75° 16' E, 540 feet;

Thence N 64° 42' E, 635 feet;

Thence N 49° 23' E, 336 feet;

Thence N 62° 45' E, 312 feet;

Thence S 84° 26' E, 221 feet;

Thence S 04° 26' W, 225 feet;

Thence S 62° 45' E, approximately 317 feet to a point on the crest of the ridge;

Thence easterly along the crest of the ridge approximately 2038 feet to a point on the township line common to Townships 10 and 11 South at a point 581 feet westerly from the Standard Township Corner common to Township 10 South, Ranges 14 and 15 west;

Thence easterly 581 feet along the township line to the above township corner;

Thence easterly along the township line approximately 1246 feet to the northwest corner of Section 5, T11S, R14W, NMPM;

Thence southerly along the section line between Sections 5 and 6, T11S, R14W, approximately 6183 feet to the southwest corner of patented land in Section 5, T11S, R14W;

Thence easterly approximately 5260 feet to a point on the section line between Sections 4 and 5, T11S, R14W which is 5280 feet northerly of the section corner common to Sections 4, 5, 8, and 9;

Thence northerly along the section line between Sections 4 and 5, approximately 6297 feet to the township line;

Thence easterly along the township line approximately 2856 feet to the crest of a wide ridge;

Thence N $14^{\circ} 25'$ E, 349 feet;

Thence N $02^{\circ} 06'$ W, 350 feet;

Thence N $25^{\circ} 00'$ W, 394 feet;

Thence N $82^{\circ} 11'$ E, 525 feet;

Thence S $68^{\circ} 20'$ E, 290 feet;

Thence S $45^{\circ} 35'$ E, 336 feet;

Thence S $49^{\circ} 36'$ E, 252 feet;

Thence N $74^{\circ} 38'$ E, 267 feet;

Thence N $53^{\circ} 31'$ E, 270 feet;

Thence S $87^{\circ} 34'$ E, approximately 398 feet to a point on the crest of a ridge;

Thence N $35^{\circ} 20'$ E, 1733 feet along the crest of the ridge;

Thence N $24^{\circ} 34'$ E, 453 feet;

Thence N $74^{\circ} 13'$ E, 319 feet;

Thence S $83^{\circ} 56'$ E, 295 feet;

Thence N $64^{\circ} 34'$ E, 347 feet across Bull Pass Canyon;

Thence N $65^{\circ} 47'$ E, approximately 804 feet to a point on the crest of the ridge;

Thence N $88^{\circ} 41'$ E, 200 feet;

Thence N $73^{\circ} 11'$ E, 300 feet;

Thence S $83^{\circ} 51'$ E, 363 feet;

Thence S $72^{\circ} 23'$ E, 629 feet;

Thence N $83^{\circ} 49'$ E, 229 feet;

Thence S $87^{\circ} 51'$ E, 298 feet;

Thence N $79^{\circ} 38'$ E, 339 feet;
 Thence N $89^{\circ} 50'$ E, 253 feet;
 Thence N $70^{\circ} 35'$ E, 230 feet;
 Thence N $73^{\circ} 44'$ E, 216 feet;
 Thence N $65^{\circ} 51'$ E, 216 feet;
 Thence N $71^{\circ} 38'$ E, 282 feet;
 Thence S $70^{\circ} 54'$ E, 321 feet;
 Thence N $84^{\circ} 02'$ E, approximately 375 feet to the bottom of Christie Canyon;
 Thence S $09^{\circ} 02'$ E, 297 feet;
 Thence S $10^{\circ} 10'$ W, 435 feet;
 Thence S $13^{\circ} 30'$ E, 380 feet;
 Thence S $27^{\circ} 10'$ E, 738 feet;
 Thence S $40^{\circ} 22'$ E, approximately 513 feet to a point on the crest of a ridge;
 Thence southeasterly along the crest of the ridge 1293 feet;
 Thence approximately S 60° E, approximately 1360 feet to a point on the township line between Townships 10 and 11 South 258 feet easterly from the Standard Corner between Sections 34 and 35, T10S, R14W, NMPM;
 Thence easterly along the township line approximately 5134 feet to the standard corner between Sections 35 and 36, T10S, R14W;
 Thence approximately S $52^{\circ} 41'$ E, approximately 6787 feet to triangulation station "Jordan" on Black Mountain, the point of beginning of this description, containing 558,065 acres, more or less.

The described area has been plotted on a 1-inch equals 1-mile scale map which is attached and made a part of this description. All man made objects referenced in the descriptions are as they existed as of 12/19/80.