

001

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Original

FIELD NOTES

OF THE

DEPENDENT RESURVEY

OF

A PORTION OF THE SUBDIVISIONAL LINES

OF

TOWNSHIP 16 NORTH, RANGE 28 EAST,

OF THE MOUNT DIABLO MERIDIAN,

IN THE STATE OF NEVADA

EXECUTED BY

Brock R. Clifford, Cadastral Surveyor

Under Special Instructions dated June 10, 1996,
and approved June 10, 1996,
which provided for the surveys included under Group No. 763,
and Assignment Instructions dated June 10, 1996

Survey commenced June 26, 1996

Survey completed September 1, 1996

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INDEX DIAGRAM

TOWNSHIP 16 NORTH, RANGE 28 EAST

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TOWNSHIP 16 NORTH, RANGE 28 EAST, MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<p>The following field notes are those of the dependent resurvey of a portion of the subdivisional lines of Township 16 North, Range 28 East, Mount Diablo Meridian, Nevada.</p> <p>The north boundary was surveyed by U.S. Deputy Surveyor E.B. Monroe, in 1867, under Contract No. 10. The north boundary was resurveyed and portions of the east and west boundaries and a portion of the subdivisional lines were surveyed by U.S. Deputy Surveyors M.F. Reilly and T.A. Magee, in 1881, under Contract No. 108. Other surveys remote to the area are not included.</p> <p>The dependent resurvey of a portion of the south boundary and the completion survey of the south boundary of T. 17 N., R. 28 E., and the dependent resurvey of a portion of the west boundary and the survey of a portion of the west boundary of T. 16 N., R. 29 E., were executed concurrently under this same group.</p> <p>Before restoring the corners, the lines of the original surveys were retraced and diligent search made for any evidence of the original corners and other calls of the original field note record.</p> <p>The rules of proportionate measurement were applied in order to ascertain the position of lost corners, after completing the necessary retracements to connect with identified corner locations. In order to simplify the record, the true line notes only are supplied herewith, which refer to the completed survey.</p> <p>The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated June 10, 1996.</p> <p>The direction of the lines of this survey were determined by azimuth taken from GPS positions at the cor. of secs. 1, 2, 35 and 36, Tps. 16 and 17 N., R. 28 E., and the cor. of secs. 1, 6, 7 and 12, Tps. 16 N., Rs. 28 and 29 E., and refer to the true meridian. The lines were carried forward by sustained angulation throughout the progress of the survey.</p> <p>The vertical angles of measurements made on the slope were ascertained with a theodolite in good adjustment; the horizontal equivalents only are entered in the field notes.</p> <p>The geographic position for the cor. of secs. 1, 2, 35 and 36, Tps. 16 and 17 N., R. 28 E., is at Lat. 39°17'05.801" N. and Long. 118°48'04.145" W. - NAD 83 (1986), as determined by survey grade GPS receivers, in 1996, from NGS stations "WYE" and "X 46".</p> <p>The 1980 mean magnetic declination is 16° E., as shown on U.S.G.S. quadrangle map "SOUTH OF FALLON, NEV." dated 1985.</p> <hr/>
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DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 16 N., R. 28 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS					
	<p>(Reestablishment of a Portion of the Survey Executed by M.F. Reilly and T.A. Magee, U.S. Deputy Surveyors, in 1881)</p> <hr/> <p>From the cor. of secs. 1, 6, 7 and 12, on the E. bdy. of the Tp., monumented with a stainless steel post, 2$\frac{1}{2}$ ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd. as described in the field notes of T. 16 N., R. 29 E., executed concurrently under this same group.</p> <p>S. 89°45'10" W., bet. secs. 1 and 12.</p> <p>Over rolling land, covered with scattered greasewood and shadscale.</p> <p>40.166 The $\frac{1}{4}$ sec. cor. of secs. 1 and 12, perpetuated by Barry A. Fitzpatrick, Nevada Professional Land Surveyor No. 7809, monumented with a rebar, $\frac{5}{8}$ in. diam., 2 ft. long, firmly set in a mound of stone, with a plastic cap, 1 in. diam., mkd. "FITZPATRICK PLS 7809", with the original monument, a basalt stone, 15X9X6 ins., mkd. $\frac{1}{4}$ on one of the faces, lying alongside, as shown on an unrecorded plat.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2$\frac{1}{2}$ ins. diam., 24 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.</p> <div style="text-align: center;"> <p>T16N R28E</p> <p>S 1</p> <p>1/4 ———</p> <p>S 12</p> <p>1996</p> </div> <p>Deposit the original cornerstone alongside the stainless steel post, insert the rebar inside the stainless steel post and rebuild the mound of stone, 3 ft. base, 2 ft. high, N. of cor.</p>				
	<hr/> <p>N. 88°18'40" W., beginning new measurement.</p> <p>Over alkali flat.</p> <p>40.343 Point for the cor. of secs. 1, 2, 11 and 12, at proportionate distance; there is no remaining evidence of the original corner.</p> <p>Set a stainless steel post, 28 ins. long, 2$\frac{1}{2}$ ins. diam., 24 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.</p> <div style="text-align: center;"> <p>T16N R28E</p> <table border="1" style="margin: auto;"> <tr> <td>S 2</td> <td>S 1</td> </tr> <tr> <td>S11</td> <td>S12</td> </tr> </table> <p>1996</p> </div> <p>Set a steel fence post, 5 ft. long, alongside the stainless steel post.</p>	S 2	S 1	S11	S12
S 2	S 1				
S11	S12				

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DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 16 N., R. 28 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	<p>From this point, the $\frac{1}{4}$ sec. cor. of secs. 11 and 12, perpetuated by Barry A. Fitzpatrick, Nevada Professional Land Surveyor No. 7809, bears S. $0^{\circ}21'10''$ E., 38.854 chs. dist., monumented with a rebar, $\frac{5}{8}$ in. diam., 2 ft. long, firmly set in a mound of stone, with a plastic cap, 1 in. diam., mkd. "FITZPATRICK PLS 7809" as shown on an unrecorded plat. The mkd. stone noted on the unrecorded plat was not found.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.</p> <p style="text-align: center;">T16N R28E $\frac{1}{4}$ S11 S12 1996</p> <p>Insert the rebar inside the stainless steel post and rebuild the mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p> <p>From this same point, the $\frac{1}{4}$ sec. cor. of secs. 5 and 8, bears S. $89^{\circ}51'20''$ W., 282.056 chs. dist., monumented with a granite stone, 14X10X3 ins., mkd. $\frac{1}{4}$ on N. face, firmly set in a mound of stone.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.</p> <p style="text-align: center;">T16N R28E S 5 $\frac{1}{4}$ ——— S 8 1996</p> <p>Deposit the original cornerstone alongside the stainless steel post and rebuild the mound of stone, 3 ft. base, 2 ft. high, N. of cor.</p> <p>The control line was fully retraced and no evidence of the intervening corners was found.</p> <hr/> <p>N. $1^{\circ}13'30''$ W., bet. secs. 1 and 2.</p> <p>Over alkali flat.</p> <p>38.862 Point for the $\frac{1}{4}$ sec. cor. of secs. 1 and 2, at proportionate distance; there is no remaining evidence of the original corner.</p> <p>Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, over a plastic-encased magnet, with brass cap mkd.</p>
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DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 16 N., R. 28 E., MOUNT DIABLO MERIDIAN, NEVADA

CHAINS	
	<p>T16N R28E 1/4 S 2 S 1 1996</p> <p>Set a steel fence post, 5 ft. long, alongside the stainless steel post.</p>
77.860	<p>The cor. of secs. 1, 2, 35 and 36, on the N. bdy. of the Tp., monumented with a stainless steel post, 2$\frac{1}{2}$ ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd. as described in the field notes of T. 17 N., R. 28 E., executed concurrently under this same group.</p> <hr/> <p>GENERAL DESCRIPTION</p> <p>The area resurveyed within Township 16 North, Range 28 East, varies from rolling to gently rolling terrain. The elevation ranges from 3,915 to 3,940 ft. above sea level. The soil is mostly alkali with some sandy clay loam. The vegetation consists of sagebrush, rabbitbrush, Brigham tea and native grass.</p> <p>Access is by U.S. Highway No. 95 crossing the area near the northeast corner of the township and by trail roads.</p> <hr/>

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DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

Ronald E. Williams Cadastral Surveyor
Peter F. Perazzo Surveying Technician
Clay W. Morrow Surveying Technician

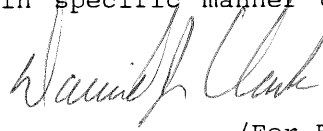
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CERTIFICATE OF SURVEY

I, Brock R. Clifford, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 10th day of June, 1996, I have dependently resurveyed a portion of the subdivisional lines of Township 16 North, Range 28 East, of the Mount Diablo Meridian, in the State of Nevada, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

11/23/98

(Date)



/For Brock R. Clifford

(Cadastral Surveyor)

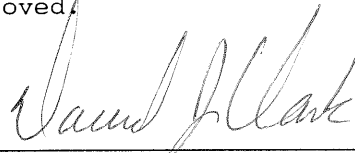
CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Reno, Nevada

The foregoing field notes of the dependent resurvey of a portion of the subdivisional lines of Township 16 North, Range 28 East, Mount Diablo Meridian, Nevada, executed by Brock R. Clifford, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

11/23/98

(Date)



(Chief Cadastral Surveyor, Nevada)

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 16 N., R. 28 E., M.D.M., Nevada, is a true copy of the original field notes.~~

~~(Date)~~~~(Chief Cadastral Surveyor, Nevada)~~