

See Letter Book 1257 Page 629

1913

Alpine, Texas, March 8 1913

Hon. J. T. Robison
Commissioner Genl. Land Office
Austin, Texas

Dear Sir,

I am forwarding my report on survey made under your instructions for Mr. W. I. Davis of Marfa, Presidio Co.

The survey shows a vacancy between Blk 14 and the Nolan Co. and a strip extending west along north line of Nolan Co.

Mr. Davis has filed an application to have survey made in order to buy this land. Mr. Brooks the Co. Sur. has signed the application and had it recorded.

Mr. Brooks is ready to sign field notes for this land if I make them out, but following your decision in the Lula Collie case, I thought perhaps you would prefer to have me make out and sign the notes myself. I can do this, have them recorded in Marfa, and forward them to you with the application.

Mr. Davis owns sur 531 and this land lies between him and Russell and Bogel, but outside the Bogel enclosure. Mr. Russell was with us during part of the survey where we were in or near his pasture. So there is no friction among neighbors about the land.

Please let me know what steps to take to help Mr. Davis get his survey and application before you.

Respectfully

R. L. Dad
State Sur.

RECEIVED

MAR 12 1913

Referred to Map

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For Plat
of this survey
see general Plat
filed with these
field notes.

Var. $11^{\circ}45'E$

STATE of TEXAS)
Presidio County)

Survey No. 532
Block
Public Free School

Field notes of a survey of 1817.6 acres of land, made for W.T. Davis, by virtue of his affidavit and application to purchase made before Taft, County clerk of Presidio Co. on the day of 1918, and filed with the Surveyor of Presidio Co. on the day of 1918, under Section 8 of an Act approved April 15, 1905 and ammended Act May 16, 1907, providing for the sale of the unsurveyed school land appropriated to the Public Free School Fund by an Act approved February 23, 1900. Said land is situated in Presidio County about 55 miles S $2^{\circ}W$ from Marfa, the county site, and known as survey 532 in Block

Beginning at a rock mound set for the original N.E. corner of survey 461 in the name of the G.C. & S.F. Ry. Co. cert. 4/1110, from which a Black bush bears N $62^{\circ}W$ 25 varas, a boulder 6'x4' bears N $35^{\circ}W$ 100 varas, Lone Peak bears N $60^{\circ}W$ West bluff of La Mota Mt. bears N $29^{\circ}30'E$.

Thence S $22^{\circ}E$ with the east line of sd sur 461, 1417 varas to a point in the west line of sur. 1 Blk G7.

Thence North with the west line of sd sur 1, at 1551 varas pass N.W. cor sd n sur. 1 and S.W. cor sur 6 Blk 14 G.H. & S.A. Ry. Co. 3800 varas west from the original S.E. cor sur 1 same Block, on north with the west line of sd Blk 14, 3655 vrs in all to a point in the south line of survey 531,

Thence West 174 varas to the S.W. cor of sd sur 531,

Thence N $45^{\circ}E$, with the N.W. line of sd sur 531, 246 varas to a point in the west line of sur 5 in Blk 14,

Thence North 1170 varas to a rock mound set in the south line of survey 527 for the N.E. cor of this survey, from which a small rock mound bears east 158 varas, from which small rock mound Monument on Lone Peak bears S $11^{\circ}44'E$, the North point of La Mota Mt. bears N $87^{\circ}E$,

Thence west, with the south line of surveys 527 & 528, 2630 varas to the S.W cor sd sur 528,

Thence North with the west line of sd sur 528, 1860 varas to a point in the south line of sur 526,

Thence West 338 varas with the south line of sd sur 526 to the N.E. cor of sur 11 Blk 249,

Thence South 1411 varas to the S.E. cor sd sur 11,

Thence West with the south line of sd sur 11, 1670 varas to the upper east line of League No. 2 Nolan Co. School Land,

Thence South 454 varas to reentrant cor on east line of sd Nolan Co. No. 2,

Thence East 2469 varas to a N.E. cor of sd No. 2,

Thence South with east line sd Nolan Co. No. 2, at 3154 varas pass S.E. cor No. 2 on south 1188 varas, 4342 varas in all, to a point in the north line of sur 461, 153 varas N $68^{\circ}E$ from the original N.W. cor sd sur 461,

Thence with the north line of sd sur 461, N $68^{\circ}E$ 1767 varas to the place of beginning.

Surveyed Feb. 1918

Rial Barnet)
W.B. Russell) Rodmen.

I, R.S. Dod, State Surveyor, do hereby certify that the foregoing survey was made by me on the ground, and according to law; that the limits, boundaries and corners, with the marks, natural and artificial, are truly described in the foregoing Plat and field notes, just as I found them on the ground

I, Henry W. Brooks, County Surveyor Presidio Co, do hereby certify that I have examined the foregoing plat and field notes, and find them correct, and that they are recorded in my office in Vol. Page

counter 31575

Report on a Resurvey
Block 249, Nolan Co. School Land
Blk. 14 G.H. & S.A. Ry. Co.
and tract of unsurveyed school
land, in Presidio County, Tex.
by R.S. Dod
State Surveyor,

Object of the Survey.

To determine on the ground the actual position of a certain tract of unsurveyed Public School Land, and the relative position of the Mitchell Co. School Land, Nolan Co. School Land, Surveys 525, 527, 531, Surveys in Blk. 249, and in Blk. 14 G.H. & S.A. Ry. Co. and surveys 461 & 462.

Authority for the survey.

A letter of instructions from the General Land Office, dated Feb. 4 1918, issued at the request of W.T. Davis of Marfa, Tex. owner of certain of the above mentioned surveys, authorizing and instructing me to make the survey.

Data for the survey.

Working sketch covering a portion of the territory included in the survey, furnished by the General Land Office,
Field notes from the records of the County Surveyors Office of Presidio County.

Copy of official County Map of Presidio Co.

History of the survey.

On looking over the field notes of the lands in question we find that
Blk 313 was surveyed by S.A. Thompson in Aug. 1881,
Blk 249 " " " in Dec. 1881,
Mitchell Co. S.L. " on Dec 5 1881,
Sur. 333 Dario Hernandez " on Mar 1 1881,

Blk. 313 calls for marked corners on surveys 1, 2, 3, 4, 5, and none further south.

Mitchell Co. calls to begin on survey ~~xx~~ 5 Blk 313, calls also for the S.W. cor sur 22 Blk. 313.

We had retraced the east line of Mitchell Co. No. 1 and connected it with the Hernandez pre-emption corner and Blk 313, as reported in survey made for Orient R.R.. The S.E. corner of No. 1 is well defined by its bearings and the original mound.

The call "south to west point of Sierra Rica" gives variation and fixes the line. This line was retraced some years ago by Tom Seay and mounds placed at every 1000 varas.

The west line of Blk 313 and east line of Mitchell Co. should be the same line, as run by the same surveyor within 5 months.

We wanted to find the N.E. cor of No. 4, No. 3 calls for the S.W. cor 22 at 1400 varas, on at 4508 vrs a point on North line of sur 639.

Sur. 639 was surveyed by J. Hoban Jun. 29 1881 and calls for a rock mound on a hill top, fr. wh. a spring brs N 72° E 600 vrs.

No. 3 calls from point on north line 639, S 60° W 192 vrs to a rock mound 3' high, the west corner of sur 639, from which willow at spring brs N 72° E 681, thence S 30° E 332 varas to a point on S.W. line 639, thence South 205 varas to a rock mound on top of a ledge of rock for the S.E. cor of No. 3.

No. 4 calls to begin at this rock mound on a ledge of rock and run south, at 1860 varas a rock mound from which a monument 7' high brs N 83° W 55 varas.

We went to a rock mnd mkd MC, a probable line mark, south of Torneros creek, and ran south about 1000 vrs to a ridge on which we found a large, very old rock mound, and N.E. and S.W. of this mound other mounds evidently an old fence line. The large rock mound was on a rocky ledge. From it a spring at foot of a lime hill bears N 76 vrs and east 654 vrs. This spring was one of the points noted in report on the Lula Collie survey, the mound then noted was one of the fence mounds above mentioned.

This rock mound might be the west cor 639 or S.E. cor No. 3.

To determine this we ran South 500 varas and east 166 and searched for a m mound, this was in a flat fairly smooth valley and no sign of rocky ledge or rock mound.

On south, at 715 varas from large rock mound we reached a point from which we could see the seven foot monument on a hill called for on east line No. 4

A base of 351 varas gave a distance of 1885 varas from large rock mound to monument.

Returning to large rock mound we ran S 60° W 192, but found nothing. We reached a point on side of mountain.

From large rock mound we ran North 205, N 30° W 332 and found a flat mound at foot of a hill. The corner of 639 is described as on a hill and 3' high. We did not find it. From this flat rock mound we ran N 72° E 661 varas and N 28° W 160 to a clay bank in a bunch of willows where there had evidently been a spring. Later we were told by Mr. Russell, who has ranched in that country for

some 30 years, that there was running water and a spring on this branch and a large willow at the spring and it was a camping place. The spring east of the large rock mound was opened up not many years ago. It was discovered by turning over a large rock, which allowed the water to gush out.

The large rock mound on the rock ledge was on the Mitchell Co. east line, as marked by Seays mound and by the 7' monument and was about the right distance from this monument, and no other mound could be found, hence we accepted it as the original N.E. cor. No. 4.

We noted a considerable deflection in the needle near this corner, in 200 varas it varied from 2° to 7° to the left of normal. Our angles were all measured by the transit, from a line in the flat near Tornero Crk.

From this N.E. cor No. 4 we ran a traverse to the N.E. cor of sur 333. The line after passing near the ranch house on sur 16 was run north to the Tornero and carried up the creek. This is good smooth flat running, and is probably the way the original work was done as the mountains on either side are almost impassable.

We ran to the Cottonwood bearing which we found on the north edge of the creek protected by a ledge of rock. It was still plainly marked. We went $N2^{\circ}W$ 150 varas and the line west ran at the foot of a high hill or mountain. At about 200 varas west and some 100 varas south stood two rock houses where Dario Hernandez lived. A base on this flat showed that the 950 varas south for 336 would just pass the summit of the long high mountain on the south side of the creek. There was permanent running water on 333 and almost continuous up the creek from this point.

The details of the traverse are given elsewhere, it shows that the original N.E. corner of sur 333 is 7695 varas east and 1409 varas north of the N.E. cor No. 4 Mitchell Co.

This easting is within 3 varas of the distances called for in Blk 249 and Blk 313, but is 300 varas south of the call for sur 22 given in the field notes of No. 3.

But this N.E. cor 333 is absolutely identified by the bearing tree, the crk, the high mountain on the north, and corroborated by the houses. ~~Ex~~ 300 varas north would put it up on the mountain and entirely away from the creek.

It is the older corner, made by the same surveyor who surveyed Blk 249, hence we put in surveys in Blk 249 from this corner. Marking the N.E. cor of sur 16 with a rock mound from wh. the N.E. corner of the ranch House brs $S 31^{\circ} 40' W$ a red bluff brs $N 58^{\circ} 55' E$, East bluff of cap rock of a mountain brs $N 0^{\circ} 10' E$.

The map and the calls in Blk 249 show that the north line of Blk 249 is the south line of Blk 313 by the same surveyor. Hence we marked certain corners in this Blk from the N.E. corner of sur 333.

From the N.E. cor 16 we ran North 1900 varas and placed a rock mound on north side of a draw, fr. wh. a dagger bears $S 5^{\circ} E$ 10 vrs. S. bluff cap rock $N 68^{\circ} 20' E$ E. bluff cap rck brs $N 0^{\circ} 10' E$. for N.E. cor sur 24 B. 313.

Thence $N 45^{\circ} E$ 2688 varas to a rock mound on east side of a draw about 250 vrs east of a white hill, fr. wh. W. bluff cap rock small Mt. S $22^{\circ} 30' W$. North end of white bluff brs $S 77^{\circ} W$, for N.E. cor sur 26.

On $N 45^{\circ} E$ 2688 varas to a rock mnd "NE 18", fr. wh. Needle Pk. brs $S 32^{\circ} 30' E$ (needle S $30^{\circ} E$), Middle of round topped hill brs $N 46^{\circ} 45' E$.

Thence west, at 1100 creek bank, 1900 vrs in all to a rock mound set on west slope of a ridge, fr. wh. a small rock mnd bears east 16 varas, from which small mound High point of clump of boulders on small hill brs $S 57^{\circ} 05' W$ abt 500 vrs Conical Pk. in Sierra Rica brs $S 0^{\circ} 30' W$ (needle 1° to right)

From N.E. No. 4 we went to the N.W. cor Nolan Co. S.L. No. 2. This corner has already been described in report on Lula Collie survey. It is unmisstakable. The old rock mound at the foot of the mountain, the old tin can, the sentinel rock bearing and the high point of Sierra Rica, fix it absolutely as the point described by Mr. Thompson in the field notes of the Nolan Co. Land.

We found it to be 4512 varas east and 2186 varas south of the large rock mound identified above as the N.E. cor. No. 4 Mitchell Co. This makes a conflict of 1570 varas in westing with the Mitchell Co. Land. And shows a conflict of 116 varas with the south line of Blk 249.

The westward position of this corner seems to be the main factor in the shifting of the map position of adjacent surveys.

The relative position of this corner and the N.W. corner of survey 461 was determined and reported in the Lula Collie survey, hence we went to the N.W. cor of sur 461 to continue our investigation.

This corner is marked by a large rock mound on the north bank of the Boscillos canyon, from which a large cottonwood marked "X", standing in the creek bears $S 47^{\circ} E$ 76 vrs. The markings are old, almost overgrown. This corner is just below where the upper water in the creek stops running in ordinary weather.

From this N.W. 461 we ran $N 68^{\circ} E$ 1910 varas to an old rock mound which we identified by the bearings, a bush and a boulder, as the N.E. cor 461 and took the follg bearings. Pile of boulders on conical red hill brs $N 55^{\circ} 05' W$ standing boulder near top of dyke brs $N 24^{\circ} 30' E$.

See Sk. File page 4 by RSDod

From this corner we ran N 77° E 632 to a point which by calculation from a former connection with the N.E. corner of sur 7 Blk 14, should be the N.W. cor of sur 1 G7.

Thence east 3774 varas and found the original N.E.1 Blk 14 2137 varas north and 53 varas west. This corner is marked by an old, large rock mound, one rock mkd "NE 1". It has no bearings. We took the follg: Pointed (or lone) Pk. brs N 60° W, West bluff of La Mota Mt. brs N 29° 15' E. The position and general appearance of this corner lead me to accept it as the S.E. cor. 1 Blk 14 as originally placed and later accepted by Reavis in his resurvey. This corner has long been known and generally accepted.

This fixed the west line of Blk 14 and G7. 3800 varas west. The next point was to find the south line of surveys 527 and 529 and the Cueva Larga survey 531.

In confirmation of the suggestion that the original surveyors worked in the creek bed, it will be noted that the calls for the corners in survey 525, 526, 527, 528 & 531, are based on the position of the creek. It would seem probable that Fr. Hoban put in these surveys by meandering the Tornero and Cuerva Larga creeks. We rode down the old smugglers trail on the south side of the Tornero, which ran from Presidio to Lajitas, and found it hard riding and an impossible line to survey, whereas the creek is comparatively flat and smooth.

Mr. Russell told us that a few years ago they had a water spout on the Cuerva Larga which had carried away many of the old cottonwoods and hackberries, consequently the cave called for in both 529 and 531 original, and call repeated in Thompsons resurvey of 531 was probably our best land mark.

As we would need the connection between this cave, when found, and Blk 14, we ran a traverse, details of which are attached, to what is locally known as the Cuerva Larga water. Showing it to be 2683 vrs east and 1143 north of S.E.1 above described, on the way we noted the position of a cave on the south side of a high ridge, pointed out to us as the Cuerva Larga. It was 2208 vrs North and 2127.3 varas west of S.E.1. But it did not seem to fill the calls. There was apparently no way of reaching the point called for 600 varas north for the corner of 531, and it was way too far south for connection with 525.

On investigating further, young Russell told us of a cave to the North east. We returned to the point at Cuerva Larga water and ran a traverse north east to this cave, finding it 4060 north and 1313 west of S.E.1. This was a long cave (larga) with signs of old indian camping ground, near edge of branch of Canyon de Lyeba, and a mile or more east of Cuerva Larga creek. And it was too far north.

Mr. Will Russell came to us here and told us of another cave on the Cuerva Larga, and we went to it.

We found it a long cave some 20' high and 15' wide extending back into the bluff on the east side of the Cuerva Larga Creek. To the north the bluff rose gradually for some 200 yards and then sloped off to the north. The creek bed was some 100 yards west of the cave.

Returning to our point at the Cuerva Larga water where we had crossed in running to the Indian cave, we ran north 204 varas to the cave, making it 2800 vrs north and 2630 varas west of S.E.1.

We then ran N 60° W 479, N 21° W 390, to a point which would be 550 varas east and 600 varas north of the cave, to look for the 6" hackberry called for on s.b.l. 527. We reached a point at the bank of a small branch, but the creek proper was some 120 varas east.

We ran east 600 and at 650 found a pile of rock that had been placed there by some one. It was artificial not natural, but did not look like a corner mound.

From a point 600 varas north of the cave we ran west 418 varas to the creek, passing a large mesquite near which Mr. Russell told us a very large hackberry had stood until the cloud burst.

We ran on west 500 varas marked a point and ran on 1170 varas in all and set a mound on the east line of Blk 14 as measured from S.E.1 397 vrs south from N.W.5 Blk 14, and supposed to be on the south line of 527.

From our 500 point west of creek we ran N 22° E 397 and found an old rock mound set on a boulder, about 10 varas east, about fitting our north line of 5 Blk 14. We ran on down the Cuerva Larga creek and 1898 varas north and 348 varas east of our 500 vara point reached a cottonwood some 20" in dia. marked with an X. This would be 1900 varas north and 570 west of the point 600 varas north of the cave.

All the trees along the creek except a few cottonwoods and some young hackberries, from the cave north, were gone, so there was no chance to find the 12" hackberry called for on NW line 531.

When we came to connect this position of these surveys 527, 531, and the North line of Nolan Co. No. 4. they fit within 5 varas. But they conflict 40 varas with the south line of 526, 641, & 642.

But instead of joining the Nolan Co. No. 4 at the jog in its north line they are 2008 varas east of it. And they are 338 varas east of the call for 525. But we can not move the creek, and there is only the one creek.

The general result, bearing in mind the error in westing of the Nolan Co. corner was to satisfy me that the cave last described was the cave originally called for by Fr. Hoban in his survey of 527 and 531. That the cottonwood in the creek was the tree he marked, and that the easting, 950, given in his field notes was an error made in meandering the creek.

As a check on the accuracy of our measurements I took bearings at various points on the monument on Lone Peak. This is not visible close at hand but at a distance gives a clear reading.

From S.E. 7 Blk 14 N 40° 30' W (field notes)

From N.E. 1 N 60° W, from 8 station on traverse from Cuerva Larga water
X N 63° 30' W. From sta. 5 S 56° 30' W. From Sta. 4 on Indian cave trav. S 45° 30' W

From 500 vara point west of creek on sbl 527 S 11° 44' E.

Later on we ran from Indian cave to a rock mound in Mr. Russell's pasture, and found it 2792 varas north and 194 varas ~~xxx~~ east of the N.E. cor 3 Blk 14

From this rock mound we ran north and at 2666 vrs mon on Lone Pk. brs S 37° 40' W on north at 5700 vrs Mon Ln Pk brs S 27° 20' W,

From rock mound east, at 3800 vrs Lone Pk. brs S 62° 45' W.

These are given simply as a general check on the traverse work. I think any serious error would show up, though the scale is small.

The result of the survey was to identify N.E. 4 Mitchell Co.

N.W. 4 Nolan Co. N.E. 333, S.E. 527, and north cor 531.

N.W. and N.E. 461, and S.E. 1 Blk 14.

From these corners and the connecting lines it would appear that there is a heretofore unsurveyed tract of land between the east line of Nolan Co. No. 4 and west line of Blk 14 & G7. and the north and east lines of 461 and the south line of 527 & 528, amounting to 1568.6 acres,

And a tract of land the south and east lines of survey 11 Blk 249 and north line of Nolan Co. No. 4 and the west and south lines of 528, amounting to 246.3 acres.

Respectfully submitted

R. D. Dod

State Surveyor

Alpine, Texas Mar 6 1918

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counter 39579

Traverse
from N.E.4 M.C.S.L.
to N.E.333,

N 83° 20' E	658
N 30° 30' E	42
N 72° E	3180
N 23° 30' E	870
S 79° 30' E	680
S 74° E	454
S 57° 30' E	374
S 76° E	514
S 64° E	328
S 51° 15' E	150
N 85° 30' E	430
S 85° E	350
N 37° E	282
S 84° 30' E	418
N 16° W	11
N 1° W	150

Traverse from
N.E.4 Mitchell Co. School Lar
to N.E.4 Nolan Co. " "

N 83° 20' E	654
S 60° E	118
S 47° 45' E	192
S 34° E	216
S 45° E	305
S 52° 30' E	112
S 74° 50' E	246
S 80° 10' E	121
S 85° E	478
S 76° E	260
S 67° E	367
S 60° E	592
S 51° 30' E	431
S 49° E	708
S 39° 40' E	321
N 78° E	155

From S.E.1 Blk 14
to Cuerva Larga water

S 65° W	390
N 40° W	84
N 25° 30' W	563
S 73° 15' W	300
N 78° W	665
N 71° W	515
N 44° 30' W	558
N 56° 30' W	264

on,
N 89° 30' E 92
N 8° 30' E 370
N 1° 50' E 140
N 16° W 298
N 8° 30' W 235
N 18° 30' W 380
N 24° 20' E 78

point on creek bank
on

N 66° E	418
N 40° 30' E	510
N 46° 30' E	590
N 30° E	576

Indian Cave
From above point on
creek bank

North 204 to Cueva larga
Thence N 60° W 479
N 21° W 390

From North cor 531
600 varas north of cave,
West 919
N 22° E 397.5
North 305
N 10° E 348
N 16° 30' E 541
N 2° W 364

1254-1157
Sketch File No. 47

Presidio County

Presidio

Filed March 11th, 1918

J. H. Walker, Comm.

See Sketch File Clerk 1117

Descriptive: See Sk. File 40 for Sketch

county 34581

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