

~~Keep With~~
Sketch File

Jett Davis

COUNTY ~~REGISTERED~~ NO.

"12"

~~Site Report~~

SURVEYED July & Aug 1920 BY B. S. Rod

FILED Dec 4 1920
12-3-20
J.S.

477

Counter 27922

RECEIVED

Office Rec. 4th 1921
in Com.

FEB 3 1921

Alpine, Texas, Feb. 1 1920

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

Referred to Map

Dear Sir,

While I was at Austin, Mr. Blucher called my attention to an error in the figures for the connecting line from the East corner of sur 653 to the N.E. corner sur 650, in my report on the resurvey of the McCutcheon Pasture in Jeff Davis County.

On looking over my notes I find that the Easting on my final map is given as 2289 varas, but unfortunately was written in my report 2089 vrs by mistake.

On referring to my field book, I find that the original figures of the traverse gave N. 110 and E. 2311.9, which, corrected for slopes and azimuth gave N. 116 and E. 2289.

Will you kindly have the erroneous figures 2089 vrs in my report changed to 2289 varas.

Respectfully

R. D. Dod

Licensed Land Surveyor

Rt. I have completed my maps & blue-prints & hope to have the report on the Stair Co. work ready in a few days.

Block 361... monument, North 110° 10' 00" W, 1110 varas, this was later identified as the only corner which could be identified was made the base of the resurvey of sections in these blocks.

The surveys 361 and 363... were surveyed May 1878 by the... in September 1878.

The... of Survey 361 was shown us. It was a very old rock mound in the... of a creek or draw.

We were told this mound had been known and recognized locally, for a great many years as the original Murphy, South corner of 361. The public road passes north of it and its position relative to the road and creek corresponds exactly with the fieldnotes, the old road bed is not definite nor the... Mr. Beau McCutcheon had known this corner for thirty years... it by the fact that it was near an old and noted camping place on the creek near the old road.

The appearance of the rock mound, the position of the road and forks of the creek and the... recognition by Mr. S. A. Thompson who surveyed in 1881 and... Jeff Davis Co., and Mr. McCutcheon's statement of his personal knowledge of the corner, seemed sufficient evidence to identify this rock mound as the original South Corner of 361.

Survey 363 calls to begin at a rock mound 1110 varas from South corner of 361. We found an old rock mound on the northeast slope of a steep hill, S 9° 45' E 1092 varas, and a creek running along foot of hill.

Block 367, Survey 12, surveyed by S. A. Thompson in August 1882, calls for a rock mound with bearings on its south line 314 varas east of its southwest corner. This mound was found in place and bearings checked C.K., Survey 7 connects with 12.

N W survey 6 is 314 varas east of S W 9, and survey 7 joins 6 on the south. Survey 8 begins on 9 and 10 lies north of it, so that all of these surveys would seem to depend on the original S W 12, the nearest marked corner in the Block.

Block 301, surveyed by S. A. Thompson June 1881, calls to begin at a rock mound three feet high, N W 2 and N E 2 calls for rock mound 4' high with mountain bearings., S E 2 calls for a rock mound 2' high west in growth, N W 19 calls for a rock 2 1/2' high with two mountain bearings, S W 24 calls for a rock mound 2' high with one oak bearing and a mountain peak, S W 26 calls for a rock mound 3 1/2' high with 2 oak bearings., a continuous line of marked corners through the Block, the N W corner survey 24 was found in place with oak and mountain peak bearings C.K..

Block 337 surveyed March 1882 by S. A. Thompson, calls to begin at the N E corner Survey 2 Block 301 and gives same bearings, runs south 1200 varas to S E 2 and gives same bearings call as S E 2 Block 301.

No other marked corners are called for, blocks 301 and 337 by same surveyor, depend on his run of corners through 361 and 337 calls for the west line of Block 12 on the west end for the surveyed surveys 413, 414, 653 and section the Southeast.

counter 2792314

Filed in General Land Office Dec. 4th 1920.

*J. P. Robinson, Comr.
S. C. Clark, Clerk*

REPORT

on a resurvey of certain Sections of Land in Jeff Davis Co. Texas. in the
McCutcheon Bros. Pasture.

Object of the Survey:

To determine the actual position on the ground, by actual survey of certain sections of land in the W. & S. B. McCutcheon pasture, and the exact location of the outside boundaries of the pasture as fixed by the lines and corners of the included sections and surveys of land.

Authority for the Survey:

The request for a resurvey by the owners of lands in question to me as Licensed Land Surveyor.

Data for the Survey:

Copy of Official County Map of Jeff Davis County from the Gen. Land Office.

Working Sketch dated April 20th. 1920, from the Gen. Land Office, covering T&P Blocks 55 & 56 and part of Blocks 11 and 357.

Working Sketch made by me from the fieldnotes of surveys in question from the archives of the Gen. Land Office, compared with and supplemented from the County Surveyors Records of Jeff Davis County.

Fieldnotes from Deeds to certain surveys recorded in the County Clerks Office Jeff Davis County.

Preliminary Examination of Fieldnotes:

We find Block 11 GH&SA, was surveyed originally by G.W. Angle and resurveyed in June 1889, at a variation of 10° 10' E, for the GH&SA Ry. Co., by J.A. Greene State Surveyor, and his work approved and accepted, by other surveyors. *see sand office.*

The N W corner of Survey 17 Block 55 and the N E corner Survey 9 Block 56 call for the McCombs Monument, North 2018 varas, this was later identified on the ground and being the only corner we could identify was made the base for our resurvey of sections in these Blocks.

The still older surveys 361 and 363 GB&ONG RR. were surveyed May 1878 by Tom Murphy and patented in September 1878.

The South corner of Survey 361 was shown us. It was a very old rock mound in a flat near the bank of a creek or draw.

We were told this mound had been known and recognized locally, for a great many years as the original Murphy, South corner of 361. The public road passes north of it and its position relative to the road and creek corresponds fairly well with the fieldnotes, the old road bed is not definite nor the shallow creek bed. Mr. Beau McCutcheon had known this corner for thirty years and identified it by the fact that it was near an old and noted camping place on the creek near the old road.

The appearance of the rock mound, the position of the road and forks of the creek and the evidence of the recognition by Mr. S.A. Thompson who surveyed in 1881 and Mr. Merrill, Co. Surveyor Jeff Davis Co., and Mr. McCutcheon's statement of his personal knowledge of the corner, seemed sufficient evidence to identify this rock mound as the original South Corner of 361.

Survey 363 calls to be on east side of hill, S 9° E 1110 varas from South corner of 361. We found an old rock mound on the northeast slope of a steep hill, S 9° 45' E 1092 varas, and a creek running along foot of hill. *(S 9° E)*

Block 357, Survey 12, surveyed by S.A. Thompson in August 1882, calls for a rock mound with bearings on its south line 314 varas east of its southwest corner. This mound was found in place and bearings checked O.K., Survey 9 connects with 12.

N W survey 6 is 314 varas east of S W 9, and survey 7 joins 6 on the south. Survey 8 begins on 9 and 10 lies north of it, so that all of these surveys would seem to depend on the original S W 12, the nearest marked corner in the Block.

Block 301, surveyed by S.A. Thompson June 1881, calls to begin at a rock mound three feet high, N W 2 and N E 2 calls for rock mound 4' high with mountain bearings., S E 2 calls for a rock 2' high set in ground, N W 13 calls for a rock 2 1/2' high with two mountain bearings, N W 24 calls for a rock mound 6' high with one oak bearing and a mountain peak, S W 24 calls for a rock mound 3 1/2' high with 2 oak bearings., a continuous line of marked corners through the Block., the N W corner survey 24 was found in place with oak and mountain peak bearings O.K..

Block 337 surveyed March 1882 by S.A. Thompson. Calls to begin at the N E corner Survey 2 Block 301 and gives same bearings, runs south 1900 varas to S E 2 and gives same MARKINGS call as S E 2 Block 301.

No other marked corners are called for, hence 301 and 337 by same surveyor, depend on his row of corners through 301 and 337 calls for the west line of Block 11 on the east and for the superior surveys 413, 414, 653 and 654 on the southeast.

Block 11 is fixed by its own corners as above noted. South corner of Survey 414 calls for a large white oak as the corner and two oak bearings this was found all three trees marked and standing. No other marked corners being called for, these four surveys will take course and distance from old oak corner, and will limit the southeast lines of Surveys 12, 13, 15 and 16 Block 301.

Block 224, also surveyed by Mr. Thompson, connects with the common corner of Blocks 337 and 301 by the same surveyor and runs south with the west line of Block 337.

Surveys 371 and 372, sur. by Tom Murphy in 1878, have an indefinite call to begin at an unmarked mound on the south bank of Rayes Creek, from which N E 6 Fort Davis is S 25° E 3410 varas. The N E corner of 6 is itself indefinite, there is a deep rough canyon near east corner of 371 and south corner of 372, but the surface is covered with ^{grass} and very rough, impossible to identify an old rock mound. The fieldnotes of Survey 11 Block 224 run around 372 and can be located exactly from the Thompson corners and will give a closer approximation to the accepted location of 372 than an indefinite point on the bank of a rough canyon.

So far we have T&P Blocks 55 and 56 with the McCombs Monument as a beginning point no other corners found. 361 and 363 with their own corners. Block 11 GH&SA with its own corners.

Block 357, an old corner, S W 12, by Thompson

Block 301, 357 and 224 by Thompson. all depending on row of corners through Block 301.

Surveys 413, 414, 653 and 654 depending on the oak corner.

Now we come to a group of surveys put in by Tom Murphy, Fr. Hoban, Taves, old co. surveyor Presidio County, and intervals filled by S.A. Thompeon Surveys 831 and 832, W.J. Glenn Surveys 655 and 656, and Tom Murphy Surveys 377 and 378.

Surveys 383 and 384 by Tom Murphy in 1879, Begin at a rock mound in a Wild Rose Flat and run course and distance. We were shown a rock mound in a Wild rose flat, accepted and identified by Mr. Merrill as the N E 383.

Survey 651, by Hoban, begins at the southwest 652 and run S 63° W 900 varas to a rock mound in a deep canyon two oak bearings. This was found and proved to be one mile S 62° W from the corner in wild rose flat. The Wild China at the N E 649 was not found, no other marked corners were called for. These two calls locate 383, 384, 649, 650, 651, and 652.

Surveys 471 and 472 by Tom Murphy in 1880, call to begin on 383 and 384 and these on 65 no marked corners. But we do find an old rock mound at N E 471, run out from Murphy corner in wild rose flat, and the point called for 455 varas N 12° E from S W corner of 471 is in creek bottom, but the creek moves over a bottom 200 to 300 varas wide, and is now on the north side. This construction from the two Murphy corners and marked Hoban corner, makes a fairly close connection by course and distance for the seven surveys in this Murphy and Hoban Block.

Survey 65, E. S. Gibbons, of the chain of surveys on Limpia creek ^{W&A} surveyed in 1874 by Tays, and calls to begin 2480 varas N 40° E from N E corner survey 11 G. Farin.

The Farin survey 11, or J.W. Magoffin survey, was put in May 1855 by Steve Archer, calls for a cottonwood for the corner, from which a cottonwood brs N 48° W 2 varas. These trees are gone but Mabry in resurvey of H&TC Block 1, in 1889, identifies this corner and calls for it N 79° W 453 varas from the N W 8 Block 1. So we could and did locate this point definitely from the H&TC marked corners, with bearings.

This was further confirmed by the location among young cottonwoods on the creek bed and on running N 12° E 486 varas found an old rock mound at the corner of a fence within one vara of our measurement.

This N E 11 is the point of location for S W 65 by Tays.

Survey 305 surveyed 1876 by Tom Murphy ^{call by} S W 65 fr. wh. N E 11 brs S 45° W 2475 Thence N 78° E 210 varas, 2 cottonwoods both gone, now washed away.

306 T.O.M. 1878 begins S W 305 no bearings

316 T.O.M. 1879 begins at N E 11 and calls for S W 306

| | | | |
|--|---------|--------|-------------------------|
| Tays N E 11 to S W 65..... | E | N..... | |
| | 1594 | 1900 | N 40° E 2480 vrs |
| Murphy N E 11 to S W 65..... | 1750 | 1750 | N 45° E 2475 vrs |
| run by course and distance from N E 11 by connecting calls of surveys to S W 65..... | 1648 | 1640 | N 45° 08' E 2325 varas. |

There are no marked corners called for in the fieldnotes of 65 and no marked corners on the ground.

The chain from N E 11 through 316, 305, and 306, all by T.O. Murphy can be run to his S W 65. But by the fieldnotes this cannot be the Tays original location of 65, Hence Surveys starting from 65 as 377, 378, 334, 333, and 471 would preferably take their location by reversing the calls from the west

V²

The actual difference is 56 varas in westing and 71 in northing, which under the conditions is really immaterial for the pasture land, and the chain on the creek can hold their position from the N E 11.

The owners of 65 have not fenced on the lines nor do they know where the actual corners are or were. They have small fields fenced on the creek but the south line and north line are both in the hills.

737 and 738 begin at the N E 11 and take course and distance.

655 and 656 are bounded by older surveys and call for them.

831 is bounded by older surveys and calls for their corners.

832 original fieldnotes fit fairly well with the calls of adjacent surveys.

But the corrected fieldnotes by H.G. Thompson (son of S.A. Thompson) on record at Ft. Davis and followed in fencing on the ground, lack some 109 acres of covering the land included by the original calls.

The fence on the west line of 471 is 84 varas east of the line by our measurement from wild rose flat.

A fence said to be on Mr. Thompsons line from N E 333 is 10 varas north of our point, but the fence on the north line of 471 is crooked but very close to our line but stops some 275 varas short of the east line of 649. There are no marked monuments or corners on these fences.

We find then McCombs corner for Block 55 and 56. Original corner in Block 11.

Original corner for 361 and 363.

Original Thompson corner for 357, 337, 301, and 224.

Original corner 414

Original corner 11 - McGofflin

Original N E 471

Original N E 650

Original N E 383

All surveys must depend on these corners. And the relative position of Blocks and Surveys controlled by them will depend on connections between these corners set by different surveyors at different times.

The general surface of the ~~ENE~~ country is mountainous, with abrupt elevations of hundreds of feet and deep canyons 100 to 500 feet deep.

The only level country is the Limpia Valley, mostly in Block 11 as shown in the accompanying topographic map.

History of the Survey

We began at the south corner of survey 361 and ran S 9° E 1070 varas and find a mound on the hillside across the creek, nothing definite, later we found the corner S 9° 45' E 1092 varas. The loose rock covered the hill side and it was difficult to find the mound.

Returning to south corner 361, we ran N 62° W and at 1800 varas reached an old rock mound at the corner of a fence, which is recognized by the owners as the end of the division line between them,

Thence N 18° E 1900 and set a mound for corner.

Thence N 62° W, (the spring called for was not found), at 1511 yrs west bank of creek, 1644 fence, 2000 in all to point for N.W. cor 362, set 5 rocks by small drain, from which N.W. 7 is N. 256 & W. 130 yrs, and a recent rock mound bears N 22° 25' W 350 yrs. This rock mound is perhaps the N.E. 25 resurveyed by Mr. Merrill, no bearings given and no marks, so could not identify it.

We returned to south cor 361 to look for Kuechler corners, ran west 1280 to a fence, course N 19° 25' to corner. Going back to 1000 vara point on this line, ran south, at 784 yrs cross fence (same course on for 43 yrs then it turns S 31° 50' E) on south 1532 yrs in all to point from which an old rock mound bears N 85° 40' E 162, but careful search failed to find any marks on corner rocks or any X bearings.

We again returned to South cor 361 and ran east 1017 varas and south 122 vr to a very large old rock mound, but careful search failed to find any X bearings, as called for by Mr Kuechler, and we could find no other mound in a radius of some 500 varas.

I enquired of adjacent land owners, who had been long resident in the country, and of Mr. Merrill Co. Sur. and could hear of no Kuechler corners having been found. Consequently we had recourse to the McCombs Monument, called for 2018 varas north of N.W. cor 17 Blk 55 T. & P.

We were shown this monument as a well known land mark in the country, and we identified it by the rock marked as called for and the bearing on Gomez Pk.

From this point we ran South 2018 varas crossing a creek and set a mound for the N.W. cor 17 and N.E. cor sur 9, and took bearings given in list attached to this report. This corner is 26 yrs south and 5 varas west of a fence corner.

Thence we ran west, at 1999 yrs cross east fence, 2018 to a point under west fence of a lane, for N.W. cor sur 9, which is 20 varas south of fence, made mound for corner & took bearings.

Thence South 1303 varas, and west 189 varas to a fence corner. Thence with fence N 87° W 1833 yrs to west line sur 8, 1208 yrs south of its N.W. cor. Thence west 160, and north 15 yrs to the north corner of division line above noted.

Returning to the N.E. cor sur 9, 2018 vrs south of the McCombs Mon, we ran South 2018 varas and set mnd for S.E.9 & N.W.18 and took bearings, fence is 17 vrs E.

Thence south at 328 vrs, set mnd on line and took brngs, on 2018 in all, set mnd for S.W.18, fr wh an old rock mnd brs North 350 and east 60 vrs, no marks, no X bearings and no other mnd near by. fence cor N.19 & E.28.

Thence South 1400 vrs to pt for S.E.21 set mnd.

Thence South 1008 vrs and West 70 varas to N.W. cor sur 161 Blk 11. This cor is in a small flat, north of road and creek. The mnd is not large but the mkd rock is a large boulder. Marks plain but old. Both bearings O.K. at Var. $11^{\circ}05'E$.

The N.E. bearing is not very definite, two possible points on ridge to fit description. The old mnd called for N $30^{\circ}25'E$ 527 was not found, but Mr. McCutcheon stated that he had seen it on the ridge where the call would place it.

From this well identified N.W. cor 161 we ran S $85^{\circ}25'W$ 754 varas to a large old mnd near top of very steep rough rocky ridge, shown us as the S.E. cor sur 363, as recognized (or set) by S.A. Thompson and accepted by Mr. Merrill, who makes the distance 764, due perhaps to chaining over rough slope. We read distance direct from corner to corner and then ran west 751 and north 61 to corner.

Thence we ran S $81^{\circ}W$ 1900 varas, over a cliff some 250' high and along the north slope of a ridge, to a point 30 vrs west of a fence corner and set mnd for S.W. 363. Thence North $9^{\circ}W$ 1908 varas to an old rock mnd set on the east slope of a steep hill, creek about 100 vrs east, and the old mnd at south cor 361 N $9^{\circ}45'W$ 1092 vrs. This mnd on the hill side is the one we missed on our preliminary run S $10^{\circ}E$ from 361, as above noted. It is evidently a corner, artificial not natural and appears to be old enough for the original Tom Murphy corner, and is fairly close to call allowing for the chaining up the slope.

This places N.W. cor 161, South 2600 vrs and East 3111 vrs from S.E. 361. We returned to N.W. 161 and ran a trverse along the road to South cor 361, which placed N.W. 161, south 2688 vrs and East 3088 vrs. The figure for the trverse are attached to this report. The difference in resultants is probably due to the fact that the latter run was completed in a heavy rain, as it was only a check we did not take time to rerun it.

We now went to the south line of sur 12 Blk 357, and were shown Thompsons corner set 314 varas east of S.W. 12, and identified it by its bearings. We ran west 314 varas and set mnd for S.W. 12 and took bearings. Thence ran east 1900 varas to a point in draw, on east side of a drain for S.E. 12, made mnd. Thence ran a trverse to the S.W. cor sur 363, finding it 1114 north and 625 west.

This survey shows that we did not find any Kuechler corners but started at the McCombs corner.

That we did find what seemed to us to be the original corners of 361 & 363 and found original S.W. 12, these corners with the lines of connection run settle the location of surveys in these blocks and their relative position on the ground.

We now returned to the S.W. 18 as above described and ran east 1900 and set mnd for S.E. 18. Thence North at 608 set mnd on line, on 1009 to the middle point of west line of sur 15 and set mnd for the N.W. cor S $1/2$ sur 15.

We ran the middle line of these surveys as it was the line of the McCutcheon pasture.

Thence East, over a sharp pinnacle, on across valley, 1900 varas set mnd for N.E. cor S $1/2$ 15, took bearings, fence 40 vrs south.

Thence ran east 1900 vrs, made mnd and took bearings for N.E. cor S $1/2$ sur 14. On east 1900 vrs made mnd and bearings for N.E. cor S $1/2$ 13, fence cor South 42, west 75 vrs.

Thence South 1009 varas made mnd and took brngs for the S.E. cor sur 13, fence South 33, west 75.

We were on the north edge of a deep canyon which could be crossed at only one trail, so we did not run the north line of 21 along and in this canyon, but ran a traverse 1400 vrs south and 1835 vrs east to a point 7.5 vrs west of a fence corner and 5 vrs west of a rock mnd, on east 65 vrs set mnd for S.E. 21.

To check, we went south to the S.W. cor sur 166 Blk 11, which we identified by marked mnd and bearings as called for, and ran north at $11^{\circ}05'E$ var.

At 2043 vrs pass 19 vrs east of a large rock mnd, unmarked, but the one Mt. brg given at N.W. 166 fits, on 469 vrs pass over an old rock mnd mkd "N.E. 202" on 600 varas 1069 in all to the rock mnd above mentioned 2.5 west of fence corner, for N.W. 201 60 varas west of our S.E. cor 21.

From this N.W. 201 ran east 1900 vrs and made mnd for N.E. 201

Thence South at 1062 vrs reach a point in a canyon 1 vara east of a rock mnd, set mnd for S.E. 201.

Thence east 1900 vrs made mnd and mkd bearing for N.E. 167.

Thence South ($11^{\circ}05'E$) at 2040 varas reach an old rock mnd under a fence, mkd "N.E. 154" Boulder mkd X N $18^{\circ}W$ 1 vrs, Mt. brngs as called for in Greene's resurvey field notes for sur 154 Blk 11.

On south, at 1902 vrs reach old mnd under a fence, bearings O.K. live oak still standing but partly dead.

On south at 1900 varas reach rock mnd near foot of steep south slope of a rocky hill. No marked rock found, but bearings fit for calls at N.E. 108. Marked new rock.

Thence West 1900 vrs set mnd for N.W. 108, on east slope of a ridge.

Thence south 1900 varas set mnd in valley for N.E. 74.

north

Thence south, at 1927 varas we reached an old rock mound on south side of the Stockton road, bearings fit calls for N.E. 63. We went one mile east to the N.E. cor 62 and found it as described in the field notes, which state that it is an original Archer corner. We set a flag at this N.E. 62, which could be seen from N.E. 63, and gave us a reading of East at a var of $11^{\circ}06'$ by our needle.

Thence South 1900 vrs set mnd on low ridge for S.E. 63 and took brngs. Thence West, over very rough steep hills, and across a deep canyon, 1800 vrs to a point on south side of canyon 17 vrs north of an old rock mnd mkd "N.E. 28", this mnd was east of a boulder some 12' high on which an X is cut S $79^{\circ}15'W$ 10 varas, and we could see the two windmills at the Jeff McCutcheon Ranch, one of which bears N $88^{\circ}40'E$.

The marking on the rock was old and moss covered, the mound was made of lag rocks and partly covered with brush. The X looked much fresher than the marks on the rock, but it was protected from the weather by the overhanging rock. Mr. McElroy, the manager of the Jeff Ranch said he and Mr. Merrill had hunted half a day for this corner without finding it, hence the corner could not have been well known and probably has not been interfered with, though the X at first looked doubtful as to age. I believe this is the original Greene corner.

On west over a rough ridge and into a small valley 1900 varas, made rock mnd on small nose for N.E. 27 and took bearings.

On west along rough slope of ridge, across deep canyon, and on top of the bluff of rim rock, 1900 varas to a point 14.6 north of N.E. 26 and 112.5 north of witness mound marked as called for at this corner 127 varas south.

From this point on bluff we ran a traverse on top of mountain to locate the rim or bluff which forms the practical boundary between the range on top and that in the valley, and also locate the lines and corners of the surveys.

The details of this traverse are attached to this report. It shows that we ran to a point 1900 varas south and 1900 varas west and made mnd for the E.E. cor sur 25, and on 1900 varas west and 2438 varas south putting in S.W. 22.

Thence West at 860 bluff, 1432 point in Limpia Canyon, on east side of the creek, thence west 468 varas 1900 in all to a point 42 varas east and 23 north of the witness mnd called for at this corner. This witness mnd is near the top of a slope so steep that one has to crawl up it, the corner should be N $45^{\circ}E$ 60. Our line would come out 19 varas south.

From this point 468 varas east of S.W. 23 we ran a traverse up the creek through Limpia canyon to a large rock mound in Wild Rose flat, which showed it to be 1405 south and 1079 varas west of S.W. 23. This mound is on the ~~west~~ side of the public road and west of the creek, from its edge of perpendicular bluff bears N $11^{\circ}W$ about 250 vrs, and North edge of cliff bears N $59^{\circ}30'E$ about 950 vrs, which are the bearings given by Mr. Merrill for the rock mound in Wild Rose flat which he accepted as the original N.E. cor sur 383, and on which he bases his resurvey of sur 29 M.K. & T.E.

From this rock mound we took a bearing on a boulder at foot of bluff on north end of ridge and made a triangle which places the boulder N $59^{\circ}25'E$ 1031 varas from the rock mound. This same boulder is S $14^{\circ}E$ from the third station on our trverse up the canyon.

This traverse showed so serious a difference between our run and Mr. Merrill figures, that we decided to check on it by running from the original N.W. cor 22 Blk 11, a well known corner, near Mr. B. McCutcheons house.

We went to this corner, the call for the spring fits, but the tree is gone, and ran a trverse along the road from the house to the public road and along that road to the Wild Rose flat, as a line on this route was easier to run, and less subject to error than a line across a very rough and broken country.

The details are given below. The traverse shows that ~~by~~ N.W. 22 is 3839 north and 2978 west of N.E. 383. Or from S.W. 23, 3839 - 2438 = 1401 south and 2978 - 1900 = 1078 west to N.E. 383.

This rock mound for N.E. 383 is between the creek and the road, it was set by Murphy in 1878, was in a public place, along the road and hence likely to be known and was easily reached. Fr. Hoban who rut in 649-50-51 & 652 says he connected with this corner and marked a corner in a deep canyon a mile S $63^{\circ}E$ W.

We ran from this N.E. 383 S $62^{\circ}W$ 1899 varas to an old rock mnd in Frazier canyon on south side of road and creek. This mound is old, is artificial not natural. The moss on the rocks show that they have lain long unmoved, and grass and small brush grow in and round the rocks. From this mound an oak tree plainly marked with an X and hacks (old marks) stands S $53^{\circ}E$ 18 vrs and a stump of an other large oak is S $70^{\circ}W$ 35 varas right in distance but the course in the field note call is S $63^{\circ}W$. This seemed to us to be the original Hoban corner and to further identify the mound in Wild Rose flat as the original N.E. 383.

Returning to this N.E. 383, we ran S $27^{\circ}E$ 1900 vrs and set mnd for S.E. 383, on 1900 varas set corner for S.E. 384 and N.E. 647, and took bearings.

Thence south $12^{\circ}E$ across a draw, at 682 vrs we set a mnd in live oak grove at foot of steep rock capped ridge, and marked bearings for N.W. 648. On S $12^{\circ}E$ over the ridge and valley, over another ridge into a draw, 1900 varas, to a point on the south bluff of creek bank. We could not set mnd at this point, but set witness mnd and mkd bearing on bluff, for S.E. 647.

Thence ~~xxx~~ S $78^{\circ}W$, over a very rough ridge and across canyon, 1304 varas to a point on west side canyon, under an overhanging boulder, set mnd for S.W. 647, and marked bearing for S.W. 647.

R.S. Dod
Licensed Land Sur.

RECEIVED

DEC 4 1920

Alpine, Texas, Dec. 1 1920

Referred to Map

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

Dear Sir,

I am sending you under another cover a preliminary report on a survey of certain tracts of land in Jeff Davis Co. embraced in the W.W. & B.B. McCutche on Pasture.

These tracts are parts of Blocks which were surveyed originally by different surveyors, and at different times. They call to join, but on the ground we find considerable differences in course and distance between old corners and the field note calls. This calls for correction in field notes of a number of surveys dependent on the construction of these various blocks under their field notes and the facts found on the ground.

The object of this survey was to find the facts so that a correct reconstruction of surveys could be made.

I would like to have you kindly examine the Plat and field notes and instruct me as to any changes or alterations that should be made, so that I can make out corrected field notes for surveys altered by the facts found.

The report is written as a full statement of the survey made, but in addition to the position of corners and survey lines I have introduced, for the convenience of the owners the location of fences, bluffs and other natural objects which have no direct relation to the lines of surveys and are immaterial so far as reconstruction of Blocks is concerned, but introducing them in this report avoided making another report on these facts of vital importance to owners. This will explain the introduction of unessential data, and the method of presenting some of the facts.

I will probably have time to go over the matter when I come to Austin on my way to Starr Co. work.

Respectfully

R.S. Dod
Lic Land Sur.

VL-

or sur 414. We found a mark on some 3' on the corner K on two sides, the limbs had been cut off and the tree was alive and sprouting new branches, both bearings were found, the one was plainly marked as being as called for, but the other, also plainly marked about S 75° E 80' and part S 30° E 80', as called for in the copy of field notes I had.

From this corner we ran S 45° E and at 593 varas reached our west line of 378, 114 varas from the N.E. corner, and on 510 varas crossed the north line of 378, 176 varas from the N.E. corner.

From our corner at the intersection of S.E. line 414 and west line 378, we ran S 12° E at 750 reached top of bluff, on at 1783 reach north side of impassable canyon. (I timed the frog when riding round to where he could cross to the point opposite us, and in took 47 minutes) I mention this to show the character of country over which these old surveys were located as it suggests a reason for some of the errors and conflicts we found.)

At 2324 point across canyon on ridge. The S.W. cor 378 will fall in the canyon. On at 2525 south bluff of ridge and at 2807 we reached the north line of survey 65 Emory Gibbons, 65 varas west of its N.E. corner as located by the Murphy calls from N.E. 11. On to point 3800 varas S 12° E from our N.W. 378 or 3638 from the intersection corner on west line 378, we reach a point 71 varas north and 58 west of a rock and said to be the N.E. cor sur 65.

As noted above in discussing field notes, surveys 377, 378, 334, 333, 271, 472 call to start or connect with Sur 65, but it was also noted that the calls by Tays original surveyor of 65 were in contradiction to the calls of surveys made later by Murphy between S.E. 65 and N.E. 11.

We searched carefully for any original marks or corners on sur 65 but did not find any, and inquired of residents and could hear of none. Ed Dutchover who owns part of 65 and lives near by showed us a rock mound he said he thought had been placed by some surveyor for S.E. 65, but he was not sure of the mound as there were four near by. The north and south lines of 65 lie in the rough, so no one is particularly interested in them, consequently their location has been forgotten if ever marked.

It is impossible to locate 65 by its own corners or marks on the ground, and we could find no local witnesses, and the calls for other surveys are so contradictory that it would be useless to try to start from a corner of 65 or to attempt to locate surveys by it, hence we reversed the calls and ran from the definite connections on the east as related above.

However to trace the matter we traced the Murphy calls from N.E. 11.

Thence S 78°W 488 along north slope of ridge, at 783 point in valley, thence south 170 varas to point 7 varas south of fence and on south line sur 472, Thence on S 78°W 1117 varas, 1900 in all to a point on east side of rocky hill, made and marked mnd for S.W.472, fence north 43 varas, Thence S 78°W at 1816 varas cross fence running N 12°W (true course) on 1900 varas in all to point on small mesa. Made mnd and took bearings for S.W.471. The Monument used as one of the bearings is an artificial rock mound some 6' high, well built, and stands on a ridge. We did not find out its origin or purpose, perhaps it is a topographic mark, but it makes a good mark and is visible from several corners of the survey as noted below.

From S.W.471 we ran N 12°W, at 469 varas reached the creek bottom, which is some 300 varas wide, the present channel being on the north side, a low gravel island in the middle and an old chanel on the south side near our point. The original call for 471 places the creek 455 vrs N 12°W from S.W.471. Running on N 12°W 355 vrs, 826 in all brings us to the top of low ridge on north side of creek valley ten varas south of a fence said to be on Thompsons north line 333 which calls to start at S.E. cor sur 65 and reach west line 471, 825 varas N 12°E from S.W. corner. On N 12°W crossing another fence 1074 varas, 1900 varas in all, made mnd and brngs for N.W.471, fence cor east 84, N 13 varas.

Thence N 78°E, at 582 fence on line, at about 1100 fence about 75 north, at 1377 varas in all made mnd for S.E.832 at inter section with wbl 649, on N 78°W 533 large old mnd, probably Murphys N.E.471. The location of this old mnd on the bluff north of the creek and the bluff south, correspond with description in the field notes of 471.

Returning to our S.E.832, we ran N 12°W 1760 varas to a point on very steep slope of high ridge about 300 varas south of foot of ridge bluff, made mnd and X brng for corner, on N 12°W ~~120~~ 120, then N 78°E 20 vrs set mnd for S.E.831, near foot of ridge bluff.

Thence S 78°W, at 176 varas top of bluff (elevation angle 22°), on S 78°W over mesa, at 804 edge of mesa, on across valley 1670 varas in all made mnd and mkd brngs for N.W.832, fence corner South 51 & East 66 varas, said to be H.G. Thompsons N.W.832.

Thence N 12°W at 513 edge of bluff, on 910 varas in all made rock mnd for N.E.378.

Thence S 78°W along steep north slope of ridge, at 1230 foot of ridge, on 1724 in all made mnd for N.W.378 at intersection with S.E. line sur 414, on 176 varas made mnd for N.W.378 on east bank frazier creek, took brngs.

Thence S 12°E at 114 varas made mnd at inter section of west line 378 with S.E. line 414.

Before finally setting these corners we went to the original south corner of sur 414. We found a white oak some 3' in dia marked X on two sides, the limbs had been cut off but the tree was alive and sprouting new branches, both bearings were found, the N.W. tree plainly marked and standing as called for, but the other, also plainly marked stood S 79°E 64 vrs, not S 30°E 60, as called for in the copy of field notes I had.

From this corner we ran N 45°E and at 593 varas reached our west line of 378, 114 varas from its N.W. corner, and on 210 varas crossed the north line of 378, 176 varas from its N.W. corner.

From our corner at the intersection of S.E. line 414 and west line 378, we ran S 12°E at 750 reach top of bluff, on at 1723 reach north side of impassable canyon. (I timed the front rodman riding round to where he could cross to the point opposite us, and it took 47 minutes) I mention this to show the character of country over which these old surveys were located as it suggests a reason for some of the errors and conflicts we found.)

At 2324 point across canyon on ridge. The S.W. cor 378 will fall in the canyon. On at 2526 south bluff of ridge and at 2807 we reached the north line of survey 65 Emory Gibbons, 62 varas west of its N.E. corner as located by the Murphy calls from N.E.11. On to point 3800 varas S 12°E from our N.W.378 or 3686 from the intersection corner on west line 378, we reach a point 71 varas north and 56 west of a rock mnd said to be the S.E. cor sur 65.

As noted above in discussing field notes, Surveys 377, 378, 334, 333, 471, 472 call to start or connect with Sur 65, but it was also noted that the calls by Tays original surveyor of 65 were in contradiction to the calls of surveys made later by Murphy between S.W.65 and N.E.11.

We searched carefully for any original marks or corners on sur 65 but did not find any, and enquired of residents and could hear of none. Ed Dutchover who owns part of 65 and lives near by showed us a rock mound he said he thought had been placed by some surveyor for S.E.65, but he was not sure of the mound as there were four near by. The north and south lines of 65 lie in the rough, so no one is particularly interested in them, consequently their location has been forgotten if ever marked.

It is impossible to locate 65 by its own corners or marks on the ground, and we could find no local witnesses, and the calls for other surveys are so contradictory that it seemed hopeless to try to start from a corner of 65 or to attempt to locate surveys by it, hence we reversed the calls and ran from the definite connections on the east as related above.

However to test the matter we traced the Murphy calls from N.E.11.

The N.E. cor sur 11, G. Tarin, or as locally known the McGlofflin survey, is described as a 3' cottonwood with a cottonwood bearing. Mr Murphy calls for this corner but when he put in 316 he says only the stump was left. All large trees have disappeared from the place where this corner stood. But when Mabry made his resurvey of Blk 1 H. & T.C. he was able to identify it and calls for it at the N.W. cor sur vey 8 H. & T.C. Blk 1 as N 79°W 453 varas.

We went to the S.W. cor sur 8, a rock mnd under a fence and identified by its bearings, and ran North 1900 varas to a large rock mound on a hill identified by its bearings as N.W. sur 8, and ran thence N 79°W 453 varas and reached a point in the gravel bed of the creek, nothing but young cottonwoods any where near. Thence we ran N 12°W 486 to a fence corner and N 78°E 103 to a rock mnd set for South corner sur 656. (noted needle 10' off) on 540 in all to large rock on south side of road, 2 varas from fence. Monument bears N 47°20'E (needle 49°)

Thence N 12°W 454 to N.W. 306 (Mon N 52°40'E Needle 53°10')

Thence N 78°E 950 to point in the road near gate for N.E. 306,

Thence with the road N 21°E 540 (Needle 21°15', has nearly returned to normal) " N 78°E 168 made mnd, and ran S 12°E 131 to large mnd in flat on north side of creek,

Thence N 12°W 950 to N.W. 65 mnd, Thence N 78°E 950 mnd N.E. 65.

The connection of this line and corner of 65 with line from the east by way of west line 378 was given above.

I gave the readings of the needle along this run as I thought it possible that it might help to account for the contradiction in calls between Tays and Murphy.

We returned to S.E. 65 above described and ran east 210 varas to look for the bearings Mr. Murphy calls for at N.E. 305, but the creek has washed through there and left nothing, cutting into the bank so as to leave the surface 12' above the bed of the creek.

These small surveys are not fenced on the survey lines, except in places, and the original lines are not held, as owners have sold and traded so as to divide the land to the best advantage for use of the tillable land and convenience. We had no intention of officially resurveying these tracts or in any way passing on their position and corners, we were simply trying to retrace the original calls in order to settle a starting point on sur 65 if possible.

The result was, as stated above, that we abandoned the call for 65 as absolutely indeterminate under the facts as we found them.

Survey 737 begins at N.E. 11, and survey 738 begins on 737 and we wanted the south line of sur 738.

We also wanted a division line through 656 under the callings of a deed from Mr. Ward to W. & B.B. McCutcheon. The actual location of this division line was evidenced on the ground by a fence N 67°W 1340 vrs by the deed, from a fence post on the road, from which fence post it ran also N 21°E 234 vrs to a point in the west line of sur 65 297 varas from its S.E. corner.

To retrace these calls we went to our S.W. cor 65 and ran N 12°W 297 & made mnd, but to reach the next call we had to run N 67°W 71 varas to a post, Thence with calls, S 22°W 234 along road to post at end of fence, thence N 67°W 1340 to point on hill, thence west 202 varas to east line sur 738, 2238 varas north from N.E. 11.

We marked this point, but could not run south to S.E. 738 on account of the bluff, so we ran S 33°W 404 vrs to point in south line sur 738 and mnd it 219.5 varas west of S.E. corner.

Thence we ran west 1680.5, 1900 in all to a point on west slope of draw, and made and marked rock mnd and took bearings for the S.W. cor sur 738.

This completed the survey of lands and lines in question which depended on, or were connected with survey 11 or sur 65.

The adjacent surveys 97, 98, 99, in Blk 224 depended for their location on the Thompson corners which are called for on the meridian through Blk 222 301 as noted above. So we moved there.

As it was necessary to connect the Thompson corners with sur 413 & 414, we returned to the south corner of sur 414 above described, and reran, as a check, from this corner N 45°E 593, to corner on 210 to corner, and then made a traverse to a point near the middle of sur 653 and on east 1038^{45.45} to point for east cor 653 by course and distance from original south cor 414.

From this east cor 653 we ran east ~~2280~~ and at 116 north reached the old N.E. 650 in Frazier canyon above described.

Returning to point of traverse we ran north and put in the north cor 653 and later connected this with S.E. 14 west 643 varas and north 148 varas.

From this point we ran a traverse north to a bluff at a point which we figured from map and field note calls, should be 310 south and 97 east of S.W. 24 and went below the bluff to look for it.

Along the foot of the bluff there runs a dry creek bed, and along it some scattered stumps of oaks with branches trimmed off, and a few whole trees.

Near the creek on the north side we found a large old rock mnd, but the near by oaks would fit neither course, distance nor description, one being called a "red oak" while all near by trees or stumps were white oak. This differ-

in description would seem unimportant, but locally it is as important as the difference between an oak and a cedar, so that the distinction made in the field notes is noteworthy.

We found two other mnds to S.E. which lined up with the mnd across the creek, which suggested old fence line. Present fence crosses some 200 varas further down the draw.

We found another mnd N.W. of the first on a small ridge, but no trees near. We then searched the trees for marks but found none. The bark on some of the stumps had fallen off. We could find only one place where a red oak and white oak stood nearly in proper position to one another, and neither of these was marked.

Not finding this corner we went a mile north and where a few large lone oaks stood on a mesa at foot of high ridge. Here we found a mound built of flat rock, some 4' high, and from it a peculiar rock capped peak bore as called for and on running S $36^{\circ}30'E$ 406 vrs we reached a large forked white oak plainly marked, (old marks).

We placed a flag on this corner N.W. 24 Blk 301 and returning to our point on the bluff found flag to bear N $1^{\circ}35'E$, instead of west as figured. Showing that the Thompson corners were some 150 varas east of their relative position on the map. Later on connecting with Blk 11 it was found to be a difference of 142 varas in easting.

Going back on the mesa a little way from the bluff of Short Canyon, we selected a suitable base and made a triangle. Base 479 varas, Angle at west pt to flag on corner N.W. 24 $55^{\circ}01'$, angle at east end $114^{\circ}24'$, angle at flag $10^{\circ}35'$. Course of west side from point of base to flag N $12^{\circ}07'W$. This gave course and distance from N.W. 24 to west point base S $1^{\circ}07'E$ 2375, or 2374 south, 46 E. placing S.W. 24 under the bluff 474 N and 46 W of base point on mesa.

We ran west from west point base, 46 varas and south 507 varas (981-474) to a point in narrow deep canyon, a branch of Frazier, and made mnd and mkd bearings for S.W. 12, N.W. 13.

Thence south 919 varas, crossing a high narrow backbone, to point on south slope, and made mnd and mkd bearings for S.E. 14. *connects with N cor 652, as above.*

Thence offset south 171 varas..

Then west at 1033 west bank of same canyon in which we made N W 13, on west 1900 varas and south 144 varas to a point in the east line survey 17. Marked boulder " EBL 17 cor. 315 N"

Thence we traverse around the point of a mountain on a steep rough, brushy slope to a point 315 varas north and made mound and took bearings and set flag.

Surveys 17, Block 357, 697, 10 and 11, had been divided by Deed between adjacent land owners and our line through these surveys was run as a traverse to determine location of natural barriers and bluffs and certain bits of fence and the acreage of these surveys included or excluded.

From point S 315 varas from N E 17 we made a base on ridge S $5^{\circ}15'E$ 352 varas, angle from North end of base to ~~MINN~~ to small lone pine across canyon $47^{\circ}10'$, angle from south end of base to pine $123^{\circ}33'$, opposite angle at pine $9^{\circ}17'$, course of north side S $52^{\circ}18'W$ 1833 varas, gives south 1121 varas and west 1451 varas from point 315 varas south of N E 17 to pine.

We left flags and went to small pine cut it down and set over it flag on corner read N $45^{\circ}20'E$

Thence ran west 449 varas marked point A, on 554 in all top edge of bluff. Returned to A and ran south 463 varas made mound and marked it for S E 6 and took bearings.

Thence west 700 varas to a point on bluff.

Thence S $34^{\circ}30'W$ 1918 varas along fence to a rock mound on upper bluff of Hell's Canyon, which mound is 115 varas east and 319 varas north of N W 10.

From the foot of first bluff, below this mound, a fence runs S $44^{\circ}45'W$ to second bluff.

From this rock mound a lone tree on small mesa bears S $45^{\circ}18'E$.

Going around to this tree and making a base on mesa, S $76^{\circ}50'E$ 349 varas, angle at west end to mound on bluff $53^{\circ}22'$, angle at east end $119^{\circ}20'$, angle opposite mound $7^{\circ}18'$, gives for west side, S $49^{\circ}48'W$ 2394 varas.

From west end of base to tree 226 varas, angle from tree to mound $122^{\circ}03'$, angle at mound $4^{\circ}35'$, gives from mound to tree S $45^{\circ}18'E$ 2269 varas. South 1598 varas, west 1611 varas, . 1598 - 319 = 1279 varas south. 1611 - 115 = 1496 varas west of N E 10.

Thence with fence S $59^{\circ}W$ 632 varas, N $89^{\circ}W$ 54 varas, S $5^{\circ}30'E$ 291 varas, North 4.5 varas to a rock mound marked D, set under fence, 164 varas east and 12 varas north of S E corner 10.

From "D" rock ran traverse, by spring, to point in the E B L. 11, 733 varas west and 400 varas south of S W 10, 8 varas south of large stump on north side of creek and 166 varas south of a rock mound. (details of traverse attached to report)

Thence S 1500 varas, crossing deep canyon, made WSW 11, east 283 made mound for the ESW 11 in the N E line of survey 372.

Thence S 30°W 183 varas made mound for the S W 372.

Thence S 60°E 1439 varas set rock mound 461 varas N 60°W from the S E 372, which falls in rough canyon.

Thence 55° to the left, N 65°E 805 varas set mound on the S E line survey 372, 659 varas N 30°E from S E corner.

Thence N 30°E 617 varas, made W S E 11.

Thence east 204 varas made S W 97, 1900 varas south from S E 10.

Thence east at 1776 varas made mound 234 varas south from S W 738 located as ~~KXXXX~~ related above.

This closing on the S W corner of 738 run from N E 11, A. Farin, shows the Thompson corners to be 124 varas east of their map position relative to the N E 11 and surveys depending on it.

We now returned to S W corner 12 and ran east 1710 varas to a point 1510 varas N 45°E from north corner of 653 as located by us from original south corner 14 and marked corner.

Thence N 45°E 390 varas to north corner of 654, 9 varas south of fence.

South 45°E 1503 varas to a point in the N B L 651 ~~XXXXXXXXXXXXXXXXXXXX~~ ~~XXXXXXXXXXXXXXXXXXXX~~ located from the original N E 650, a rock mound in bottom of steep canyon.

Thence N 63°E 130 varas, with north line 651 a rock mound on east slope same canyon.

Thence North 1710 varas to a mound on the north side fence for the N E corner of 12, in the S B L 8.

Thence East 638 varas made mound for the S E 8.

Thence north at 935 varas set mound for the south west 10, on north 965 varas made mound for S W 7, on steep slope south side of canyon, from which, point made triangle base S 89°15'E 280 varas, angle at west end to lone tree across canyon 90°, angle at east end, on point, to tree 82°21', angle opposite at tree 7°39', gives north 2085 varas, East 27 varas to tree from S W corner of 7.

Returning to S W 10 ran east 689 varas to bluff and set flag and marked point east in valley.

Went around to point set in valley made a base north 278 varas, angle at south end 90°, angle at north end 79°22' angle at flag 10°38' gives west 1480 varas to flag.

Makes this point 1480 varas plus 689 varas = 2169 varas east from S W 10, . Ran north 965 varas and west 269 varas and made mound for the S E 7 and took bearings.

Ran north 1900 varas crossing short canyon and made mound on the east slope of mountain and took bearings for the N E 7.

Returned to point 2169 varas east of S W 10 and ran east 287 varas 2456 varas in all to a point on the public road at foot of east slope of ridge, on traverse line run from N W 22, 12th station, reading S 11°30'W 435 varas, being by this traverse 2703 varas west and 489 varas south from said N E 22, or 49 ~~XXXX~~ north and 803 varas west of S W 24, but this point is 2456 varas east of the SW 10, hence is 252 varas west of S E 10, which places S E 10 and S W 31, H.C. Dial, 541 varas west and 49 varas north of S W 24 Block 11.

The location of the east line of 7, 3, and 4 in block 337, depend on the easting from the Thompson corners and Survey 7 was so located and marked on the ground, but surveys 12, 9, 6, and 7 Block 357 would seem to depend on their own corner S W 12, . Hence the east line of surveys 3, 4, and 7 Block 337 will be 142 varas east of the east line of surveys 6 and 7 in Block 357.

The result of this survey is given in the accompanying map, showing lines and corners, courses and distances as located from the above reported facts as found on the ground by this survey.

Respectfully submitted

R. L. God

Licensed Land Surveyor

Alpine Texas Nov. 30 1920

New Corners made and marked on this Survey.

| Corner | Section | Block | Bearings. |
|----------|---------|------------------------|--|
| NW | 362 | T&P 56 | Recent rock mound N 22°25'W 350 vrs. |
| NE | 9 | T&P 55 | Rck.mkd."N E 9" fr wh. Gomez bears N 60°55'W High point sharp ridge S 33°50'E Point of bluff in gap N 80°50'W Fence east 5 varas north 26 varas |
| NW | 9 | T&P 55 | Rck.mnd. mkd. "N W 9" on w side lane From point 45 varas east, Gomez bears N 59°25'W High point rocky ridge S 52°30'E East fence of lane West 19 varas West fence of lane West 46 varas North fence North 20 varas Aguja peak S 31°50'W |
| NW | 361 | T&P 56 | Rck. mound, marked "N W 361" Fence corner West 31 and South 26 vrs |
| SE | 361 | T&P 56 | Old rock mound Aguja Peak S 33°38'W South side square bldr in gap S 67°20'W. |
| SE | 9 | T&P 56 | Rck Mnd brs. South 328 vrs fr wh mnd. Gomez bears N 58°W Large crack in bluff S 83°50'W Crack in large bldr. N 18°30'E abt 400 varas Fence 11 varas East. |
| SW | 18 | T&P 56 | Rck.md. mkd. S W 18, Gap in mtns. bears East . Old mnd. bears N 350 vrs. E 60 vrs. Fence corner brs. N 50°45'E |
| SE | 18 | T&P 56 | Rck.Mnd. set on top of bunch of large rocks, Gomez N 57°30'W Guadaloupe peak N 41°30'W Point of bluff S 51°15'E |
| Middle W | 15 | T&P 55 | Rck md mkd, "1/2 15" fr wh. a rck mnd xxx on ridge brs S 608 vrs fr wh md, Gomez brs N 41°45'W Guadaloupe pE N 58°W W end Starr S 25°45'W |
| lddle W | 14 | T&P 55 | Rck md mkd "1/2 14" fr wh. East bluff bears S 22°38' E Con.pk.Gomez brs N 60°W |
| lddle W | 13 | T&P 55 | Rck mnd in hollow on south side drain mkd " 1/2 13" |
| lddle E | 13 | T&P 55 | Rck md mkd " E 1/2 13" fr wh X on bldr. brs. N 75°10'E 30 vrs. Fence corner post S 42 vrs and west 75 vsr. |
| SE | 13 | T&P 55 | Rck.mnd.mkd."S E 13" Ptd.pk. N 72°55'E Forked live oak N 32°37'W |
| SE | 21 | T&P 55 | Rck Mnd. " S E 21" fr wh a rck md at fence corner brs West 60 varas. |
| NE | 202 | GH&SA XX 11 | A point from which rock mound at fence corner bears east 5 varas |

| Corner | Section | Block | Bearings. |
|--------|---------|----------|---|
| NE | 201 | GH&SA 11 | Rock mnd. mkd. "N E 201" on South side creek. Red Oak 8" marked <u>X</u> brs N 76° E 4 vrs |
| SE | 201 | GH&SA 11 | a rock mound in canyon, rok mkd, "S E 201" fr wh another rock md brs S 89° W 3 varas. |
| NE | 167 | GH&SA 11 | rock mound on a bluff mkd, "N E 167" fr wh X on bluff brs N 85° E 9 varas |
| NE | 154 | GH&SA 11 | old mnd and bearings O.K. |
| NE | 121 | GH&SA 11 | old mnd and bearings O.K. Limpia Store & P.O. S 72° 30' W |
| NE | 108 | GH&SA 11 | old mnd and bearings O.K. mkd, new rock. |
| NE | 109 | GH&SA 11 | A rock, mnd . on east slope rocky hill mkd, "N W 108" , fr point 45.7 vrs west , lions Head bears S 52° 45' W Sharp peak S 34° 35' E Dagger mkd. <u>X</u> South 8 varas. |
| NE | 74 | GH&SA 11 | A rock mnd in a flat, rock mkd "N E 74" from which S end Starr brs N 88° W, Cedar at foot of bluff S 25° 10' W |
| NE | 63 | GH&SA 11 | Old mnd. and bearings O.K. |
| SE | 63 | GH&SA 11 | A rock mnd. mkd. "S E 63" X on rock brs S 3.9 varas Point of bluff S 38° 30' E Windmill at ranch N 88° 40' E |
| NE | 28 | GH&SA 11 | old mound and bearings O.K. in deep canyon on south side drain, on east side rock bluff |
| NE | 27 | GH&SA 11 | A rock mound on nose on south side of drain, mkd. "N E 27" fr wh S end Starr bears N 65° 15' W Edge bluff N 81° W Point of Bluff brs S 80° 40' E |
| NE | 25 | GH&SA 11 | a rock mound "S E 25" fr wh X brs South 6 varas End of bluff brs N 51° 30' W |
| SW | 22 | GH&SA 11 | A rock mound mkd "S W 22" fr wh W end Starr bears N 24° 55' W End of bluff bears N 8° 20' E Mitre Peak bears S 5° 11' W C.H. Ft. Davis S 43° 47' W |
| SW | 23 | GH&SA 11 | Old witness mound O.K., on steep backbone. |
| NE | 383 | | An old rock mound in a wild rose flat, Edge Perpendicular bluff brs N 11° W about 250 N edge cliff N 59° 30' E about 950 (Merril) Boulder on bluff N 59° 25' E 1031 (Dod) N W 383 (orig.) S 63° W 1900, south 27° W 40 varas. |

| Corner | Section | Block | Bearings. |
|--------|---------|-------|--|
| NW | 383 | | An old mound of large rocks, in Frazier Canyon, on south side of canyon Large burnt oak stump S 76°W 35 varas Old mkd. oak 18" S 53°E 18 varas, built up mound and mkd bldr in corner " X orig NW 383" |
| SW | 29 | 344 | A rock mound on east line 383, mkd. "S W 29", N E cor. 383 brs. N 27°W 551 varas. |
| SW | 28 | | Rck. mnd. mkd. "S W 28". |
| SE | 383 | | A rok. mnd. on ridge near top, mkd "S, E 383" fr wh W end Starr bears N 9°05'W S bluff square top peak N 68°W E end Starr N 6°20'W |
| SW | 27 | 344 | A point in a deep canyon, rock mkd " X S W 27" 2 varas east, rock mound at head of canyon brs S 27°E 82 vrs. X on rock S 27°E 76.5 varas |
| SE | 384 | | A rock mound on N E slope of nose mkd "S E 384" fr wh Red oak 6" X brs S 34°W 7. varas W end Starr N 11°45'W S bluff Major N 79°40'E Barbara pk. N 29°E |
| NW | 648 | | A rock mound marked "N W 648" in draw at north foot of hill, fr wh, Oak 20" X bears N 12°W 65 varas. Oak 6" X brs N 47°30'W 3 varas High point Barbara Peak N 23°20'E |
| SE | 647 | | A point on south bluff of creek fr wh a witness mnd bears S 12°E 12 v fr wh "S E 647" cut on ledge of rock bears S 50°30'W 5.3 varas |
| SW | 647 | | A rck mnd under sloping bldr on S side of steep canyon, rck mkd "SW 647" X on rock 20' cube brs S 87°30'W 15 v |
| SW | 472 | | A rock mound on east slope of rocky hill mkd, "S W 472". |
| NE | 744 | | A rock mound on west slope hill, fr wh the S W 472 brs N 78°E 185 |
| SW | 471 | | A rck mnd mkd " S W 471" from wh Monument on mtn brs N 39°10'W East end Starr N 7°30'E Point of Bluff S 88°10'W |
| NW | 471 | | A rck mnd mkd " N W 471", fr wh S point Barbara brs N 50°10'E Mon. bears N 85°50'W Mitre S 7°E |
| NW | 649 | | An unmarked rock mound half way up steep slope of hill, X on bldr N 3 vr |
| SE | 831 | | A rock mound XXXXXX mkd "S E 831" fr point S 78°W 20vrs, Mitre pk brs S 4°50'E S bluff Major pk N 86°E N W cor 649 south 122 vrs |

| Corner | Section | Block | Bearings. |
|--------|-----------|-------|---|
| SW | 831 | | A rock mound on mesa mkd "S W 831" fr wh Oak 10" X brs N 38°40'W 51 varas Mitre peak Brs S 8°15'E C.H. Ft. Davis S 37°30'W Post at corner of fence E 66 and S 51 vr |
| NE | 378 | | A large rck mnd mkd "N E 378" on nose under bluff. |
| NW | 378 | | A mound of large rocks mkd, "N W 378" on east bank Frazier canyon from wh Walnut 14" bears S 70°45'W W perp bluff on ridge N 33°W Sq. bldr. at foot of east bluff same ridge N 8°W |
| NNW | 831 | | A rck mnd mkd. "N W 831" fr wh N W 378 bears S 78°W 176 varas. |
| NE | 655 | | A rck mnd mkd "N E 655" fr wh N W 378 brs N 12°W 114 orig. South cor. 414 brs S 45°W 593 vrs |
| SE | 655 | | Point 54 varas east of rck mnd mkd "N E 65", fr wh , edge of bluff in gap brs S 72°40'E X on bldr brs S 21°W |
| SE | N 1/2 656 | | A rck md fr wh a rck mnd set for the S W corner sur 65 bears South 297 varas |
| SW | 656 | | A rck md mkd "S W 656" fr wh Roky pt bears N 5°30'W Mitre peak bears S 20°E Edge of bluff brs N71°10'W Original N E cor sur 11 bears S 486 |
| SE | 738 | | A point in canyon fr wh a rock mnd on mesa mkd "S E 738, S 538V" bears north 338 varas. fr wh md another rck mnd bears West 36Vr A rck mnd on the south line sur 738 brs S 33°W 404 varas , fr wh rm a rock capped peak brs S 19°55'E Bluff on rim brs N 63°E S E 738 brs east 219.5 varas. |
| SW | 738 | | A rck mnd mkd "S W 738" fr wh Mitre Peak brs S 22°28'E Bluff in gap brs S 83°39'E Lone peak brs S 75°30'E |
| E | 653 | | Bluff S 44°E point on bldr N 76°15'E 55 |
| N | 653 | | on edge of bluff Oak 4" N 32°30'W 6 1/2 E bluff S 44°35'E S bluff Major S 74°15'E |
| SW | 7 | | W Oak 24" S 6°45'E 16 1/2 Limpia P.O. N 48°E |
| SE | 7 | | in flat E bluff Starr N11°30'E |
| NE | 7 | | S pt. Barbara S 36°25'E N edge bluff S 85°30'E |
| NW | 7 | | Rock mound Lone tree N 185 and E 27 varas |
| SW | 10 | | Rock mound |

| Corner | Section | Block | Bearings. |
|--------|---------|-------|--|
| SE | 8 | | Rock mound on hill fr wh W end Starr bears N 8°55'E Mitre peak XXX RTX S 2°45'E |
| NE | 12 | | Rock mound fr wh E edge gap brs N 27°48'W W edge bluff brs N 0°40'W |
| SE | 12 | | Rock mound fr wh X brs S 45°E 23 vrs |
| N | 654 | | Rock mound fr wh W end Starr brs N 20°E S edge boulder on peak brs N 80°W |
| SW | 12 | | Rock mound in canyon fr wh W Oak 12" brs S 19°15'W 25 vrs R Oak 10" brs S 42°30'W 18 vrs High pt bldr. HHH on peak brs S 69°15'W |
| SE | 14 | | Rock mound on slope hill fr wh X brs N 2.6 varas X on cedar limb brs S 82°E 26 vrs S bluff Major pk brs S 75°E |
| NE | 17 | | Rock mound fr wh X brs S 18°W 3.6 vrs Needle peak brs N 0°10'W Livermore brs S 76°05'W |
| SE | 6 | | Rock mound mkd " S E 6" fr wh Juniper 14" mkd X brs S 24°15'E 5 vrs Sharp peak brs N 53°30'E |
| SW | 97 | | Point on slope of canyon fr wh W.C., large rck mnd at end of fence on bluff is 115 varas east and 319 varas north and lone tree in flat across Hell's Canyon brs S 45°18'W 2269 varas. |
| NW | 11 | | pt on ridge fr wh rock mound brs S 242 varas. |
| SW | 10 | | a point fr wh witness corner mkd D brs N 12 and E 164var |
| SW | 11 | | Rock mound in drain mkd " S W 11" |
| ESW | 11 | | Rock mound fr wh 2 holes through bluff brs S 81°20'E Rock topped hill brs N 59°25'E E prong of Y oak HHH 24" brs N 3°15'W |
| W | 372 | | Rock mound mkd "W 372" fr wh S rim casket mt brs N 89°30'W Y oak brs N 9°35'E |
| S | 372 | | Pt across canyon fr wh Rok mnd brs N 60°W 461 vrs another mound brs N 659 vrs |
| WSE | 11 | | Rock mound |
| SE | 99 | | Rock mound fr wh SW 738 brs N 234 var s Another rck mnd brs S 1°E 153 varas Casket mtn° brs west Clump of bldrs on west edge hill brs S 17°45'W |
| SW | 99 | | Rock mound. |

Traverses run on this survey.

From N.W. cor 161 Blk 11, to South corner 361 by way of 363.

S 85° 25' W 754
S 81° W 1900
N 9° W 1906
N 9° 45' W 1092

North 2600.4 West 3110.7

From N.W. 161,

N 50° W 784
N 53° W 450
N 59° 15' W 595
N 47° 30' W 236
N 50° 45' W 608
North 810
" 123
West 1017

to South cor 361

North 2626.3

West 3088.0

From S.E. 66 Blk 11 to S.W. 23 Blk 11

South 127
S 70° W 126
S 52° 30' W 2135
West 88.4

South 427
West 484
S 57° W 80
S 29° W 300
S 26° 10' W 2263
South 101.2
West 205

West 1432

S 87° 25' W 511 to "Witness mnd"
N 45° E 60 to corner S.W. 23 Blk 11.

From S.W. 23 Blk 11, to N.E. cor 363,

North 19
East 468
S 6° 35' E 635
N 68° 30' W 553
N 87° W 355
S 86° W 629
S 3° E 376
S 9° 30' W 355
S 16° 45' W 295

to N.E. 363.

South 1405

West 1079.4

From N.W. 22 Blk 11 to N.E. 363 along the road.

N 55° 30' W 159
N 56° 30' W 515
N 43° W 798
N 43° 15' W 535
S 46° 30' W 505
S 48° 30' W 190
S 55° 30' W 312
S 82° 30' W 88
S 42° 30' W 289
S 37° W 353
S 13° W 260
S 11° 30' E 435
S 11° 45' E 725
S 8° 15' E 480
S 23° W 95
S 32° W 527
S 3° 15' W 415
S 4° 30' E 432
S 15° 45' E 182
S 3° 15' E 199
S 31° 30' W 416
S 4° 30' W 59

South 3839.2 - 2438 = 1401.2

West 2978.5 - 1900 = 1078.5

Traverse from N.E.17 Blk 337

South 315
 S 52° 18' W 1834
 West 254
 South 463
 West 205 to S.E.cor 6,
 West 700 to bluff
 S 32° 15' W 540
 S 33° 30' W 288
 S 36° 15' W 71
 S 34° 30' W 83
 S 35° 20' W ~~212~~460
 S 36° 10' W 105
 S 38° 15' W 46
 S 38° 40' W 39
 S 37° 15' W 82
 S 35° 30' W 205 to point at end of fence 115 East and 319 north of N.E.10
 S 45° 13' W 2269
 S 58° 30' W 257
 S 59° 30' W 375
 N 89° W 54
 S 5° 30' E 291
 North 4.5 to rock mad "D" under fence, 164 East and 12 North of SW 10

From "D" S.W.10

West 164
 North 12 to "D"
 East 34.5
 S 7° 30' E 54
 S 34° 20' W 181
 S 65° 20' W 85
 S 14° 45' W 38
 E 68° W 17
 N 82° W 52
 S 81° W 40
~~West 188~~
 N 78° 45' W 132 fence cor
 West 188 rock mad
 South 166 near stump
 South 1500 to S.W.11 = South 1900 West 733.

Traverse across Sur 21 1/2 Blk 55 T. & P.

South 141
 S 9° 55' E 457
 S 43° 45' E 166
 S 33° 45' E 347
 S 74° E 176
 S 66° 40' E 493
 S 73° 40' E 437
 S 84° 40' E 367 = South 1400 East 1835.

Traverse from South cor 414

| | N | S | E | W | |
|------------------|------|--------------|--------------|------|-----------|
| N 45° E | 803 | 567.7 | 567.7 | | |
| N 26° 40' E | 2421 | 2163.5 | 1067.2 | | to flag 1 |
| N 16° W | 1768 | 1699. | | 470. | to flag 2 |
| from flag 1 East | 1033 | and south 43 | to East cor | 653 | |
| " " 2 East | 165 | " south 398 | to north cor | 653. | |

V16

counter 27970