

Upton COUNTY ROLLED SKETCH NO. 7-
Line from Pontoon Bridge on Peas R. to Orig SE Cor Sur 4 MK & T RRC Co BIRL.
SUR. D Nov 1911 BY R. S. Dod
6 S 65 W FILED 3-1-76

counter 99398

DOD'S REPORT
Filed 11/20/11 AND Crockett & Upton Co's
From Pentap
Northward SKETCH File in Upton Rolled
counter 19399 Sketches

RECEIVED

Chief Engineers Office

NOV 20 1911

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ENGINEERING DEPARTMENT.

Received & Filed in General Land Office
on November 20th, 1911.

File No. _____

Premier's Ranch District Co 191

See Report & sketch by Dod in Box. Nov 14 " 1911
S-38527.

To the Genl Commr. Gen Land Office

Dear Sir

I beg leave to offer the following report of progress of the resurvey of certain lands in Upton Co. made under your appointment at the instance of the M.K. Co RR Co. and would ask you to kindly instruct me as to location of certain surveys under the premises below, & the facts found on the ground as shown here with.

I attach a tracing showing three sketches of lines run & corners found, numbered ①-②-③.

The object of the survey was to locate certain surveys in Block 14 in Upton Co & surveys adjacent & connected.

In the field notes & maps furnished me. I found that 1. The South line of University Block 14. is 4320 yards north of the Pontoon bridge corner.

2 The original mounds called for as 6' wide 3' high on this block have never been found - and as the field notes show no corners marked between these large block corners the inference is that they were never put up.

3 Mr. Friend ran a line from Pontoon to an original corner (identified by him) in Block 14 & on the way made

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4.00
4.50
1.50

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- a couple of readings on a much chimney. ^{given} (no variation)
- 4 Mr Mayland ran a line (giving $N 10^{\circ} E$ var) from the Portown bridge to S.E. 3 MK+T.I. & onto S.E. 4 same block where two original ^{bearings} ~~corners~~ are called for.
5. Mayland ran a traverse from S.E. 4 ALK1. to N.E. 34.
6. See field notes on working sketch furnished by the Gen. Land office state that the beginning point for these blocks is at the Portown Bridge on the Pecos, described as a corner $S 31^{\circ} W$ from the S.W. corner of rock corral at the old stage stand.
- 7 H.C. Boston surveyed the MK+T Block & gave $11^{\circ} E$ as his var. Elsewhere I find that work done in '81 when Boston made his run, will now run within 5' of the original call - where no local attraction. True Meridian at 5 miles & 10 miles N of Bridge by solar read $11^{\circ} 5' E$. during the work. Surnal var from 1' to 11'.

History of survey.

I went to the Portown crossing on the left bank of the Pecos. found (see sketch ②) the walls of the old

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staged stand, roof gone; the old rock corral N.E. of house. On the bank of the river south of the house some 30 yards I found a large rock with tool marks on it & a circle of iron rust around it. It seemed to be firmly planted in the soil. and presumably was one of the bridge anchors. Slope from house to bank is steep. N.W. of anchor we found part of what seemed to have been a retaining wall for the approach. And in the river we found a partly submerged old pontoon.

This made the starting point as given in the working sketch a fixed point & I drove a small iron peg at the corner & distance called for from S.E. corner of Rock Corral & laid 3 large rocks round it.

We ran north 1136 yards & on a ridge (see sketch ①) found an old rock mound, ^{30 yards west.} for which I had no field notes.

at 4313 yards we ran west and at 2644 reached a large mound of large rock under a fence, this was not old enough for the original corner. The rocks had not sunk into the soil - no grass had grown in the interstices, & no mound of earth blown against it. It is 213 yards beyond the distance west called for for S.E. BLR 14. + 7 yards too far south but presumably was set for that corner

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Running on north from 4313 point at 7443 varas we turned west 600 varas ^{to point B on sketch,} to reach rock mound described by Heyland. allowing for his var of 10° he would be some 130 varas east of us + 7575 from A. We searched carefully for this mound twice but failed to find it. We were certainly at the point he calls for + to corroborate this is the gap in the hills which his line passes through, instead of running due north over the hill. His line is shown by broken line on sketch

From B. north to point 8120 north of A. which shld be S.E. cor 17. BLK 14. found nothing.

On at 9570 could see old chimney near windmill + took the angle from our line here + again at 10978.

Plotting in Mr Friends line + ours gives a very near closing on the chimney. (see sketch) confirming our position east in BLK 14.

At 11920 varas north of A. + 600 west. we turned $N45^\circ W$ to follow Heyland. at 2988 we found a pile of gravel under a fence which was 94 varas S. + 212 west of the point where our run would locate S.E. cor 20 BLK 14.

We moved over to Heylands line + searched carefully for any marked corner but found nothing. (no call)

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At C (in sketch) which should be S.E cor 1 MK+T. we found nothing. we searched around C. + around a point 212 m W. + 94. south. + again at Keylands point D on sketch which was figured E 274 N 66. from our point C.

From C we ran North. 2074 to a point for NE 1 MK+T. there ~~are~~ this is described as an earth mound from which Sugarloaf Mt bears S 55 W + E. end into lrs N 17° E. By moving west of our line ^{abt 70 varas} we could get these bearings with variation of 10° E

By moving on to 2200 we could get the N 17° E bearing close to our line. The earth mound was not found. The soil has been eroded + wind blown. until the general surface is some 4" to 5" below the top of the soil where held by bushes, brush or other growth. Not grass enough to hold the soil in place. No earth mound could have lasted or stood the erosion of wind + water from 1881 till now. unless in some peculiarly favorable position.

Mr Keyland relates that at 3926 varas north of his point D he found a rock mound 74 varas west.

But at Point D he ran East, an amount that reads 150 m on the sketch a survey line runs through + blot the middle digit thus $\frac{150}{10}$ We figured that his object was to run past the east end of hill shown in sketch + tried 150

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as the most probable distance. It might be anywhere from 100 to 190.

We therefore ran on over the hill (see sketch) 3926 to E. Then turned east 416 varas to F which should be 66 varas south of the rock mound Heyland describes.

We found N55W 310 5 large rock on an old fence line but a wire brace ran from under them + they were probably placed for anchor weight. On east were a few piles of rock on old fence line, evidently post braces.

74 varas east + 327 south on the east end of the toe of the hill was a large old rock mound and on north a few small rock piles, looked like recent live marks north from this old rock mound.

We found nothing to satisfy Heyland's call.

We ran on from F to G 1924 varas. and reached approximately the point where Heyland at 10th varas would reach the rock mound he describes as original S. 2. 4.

We found from G N62°E 127 m a rock standing up with rock mound round it - recent. At least not old enough for the original Barton Corner made in 181

At 310 varas N45°W fr G we found a 1"x2" stake with a counter 49405

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circle of rocks round it - 5 to 10 years old - looked like a preliminary turning point or location stake.

422 varas $N 82^{\circ} 15' W$ we found an old rock mound - we found it by turning the course called for on Sugar loaf + tracing it south till east end of mountain gave $S 11^{\circ} E$ - reached a point about 6 varas from the corner.

This corner is described as a rock mound on side of a hill fr. wh. Sugar loaf by $S 34^{\circ} W$ + e. end of cutu by $S 11^{\circ} E$ agrees in position on hill side. Age of mound - bearings at $10^{\circ} 40' E$ run distance west of starting point 1847 varas E. in seven mile run. excess in northing 221 in 11 miles. It is 9 miles + 220 vara north of south line BLK 14. U. Land as located from Pontoon Bridge calls above given. Running south at 1847 varas found a new rock mound 13 varas west. This rock mound is not old, at least shows no sign of age - it is in grass + has killed the grass under it but has not sunk, although some of the rocks are heavy.

We marked the point 1900 varas south of old corner above described. This reaches North side of a mtu. + we went on south to the top of the hill looking for an old corner but found none.

The connection with RR. line is given on sketch.

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See sketch (3).

If the old rock mound above described be the original S.E. cor 4. how Mr. Neyland reached the point in variation takes him to & found an old corner is inexplicable. I think he must have run at 11° . The G.C. & S.F. surveys adjoining ^{west line} BLK 14 as surveyed by Barton call for var $10^\circ E$, but the MK&T survey by Barton call for 11° var. It is possible that Neyland ran at 11° & called for 10° - but where the two old mounds that he describes - have gone - I can not say - but we found no trace of them.

Accepting the old corner above described as original NE 3 was an south. 1900 varas (see sketch (3)) which placed us approximately 1900 north of N.E. 1. as located by its bearings on the run north, showing that the excess in measurement was practically south of N.E. cor 1. MK&T.

From S.E. 3 MK&T. we ran west 2 miles where an earth mound is called for with a dagger bearing & a bearing on sugar loaf. This we could not find.

on west at 3 miles we turned north & ran over the east side of a hill 1900 varas. this shld be N.E. 34. which calls for rock mound ^{on west side hill} & two water bearings one on sugar loaf.

#8 Sugar loaf was invisible - we went west over the hill till we
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Please instruct me as to location of S.E. 34 + South line 3 + 2. Whether I am right or should run this line from N.E. 34. 190 varas south. If so where shall I make the break. If I run on west East + place S.E. cor 3 south 190 - it will take it up on top of the hill - + make sur. 2 short some 200 varas from original N.E. 1.

I place the north line of 10. 190m south of sur 18 as I find no call to close + find 10 starts from 9. + 9 from connection with BLR 14. which I have to place by course + distance from the river. Unless friends connection on the east would override the call 4320 from river, by which I locate it.

Please instruct as to proper position of 10.

Please also inform me if I am right in starting the R.T. Co survey at present corner of 77. H + C.

I have marked on sketch (3) the relative position of surveys as run + points of reference marked on the ground -

You will notice we do not agree with Keylands run from S.E. 4 to N.E. 34. by some 74 m in westing. but our measurement + the RR. line tally fairly well on both

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till we could see Sugar loaf got on the course -
checked on course to ~~W~~ end tabletop - + found a small
old rock mound which fit all calls at $10^{\circ}30'$ var.

This mound is 190 varas south + 274 varas west of
the point reached by course + distance.

ran south to our line + checked both measurements
also tied to R.R. which also checks. in N.V.S. + E+W.

~~We run on west~~

At the crossing of the line South from above N.E. cor 34
with line west from SE 3 as run I placed a mark for
S.E. 34. and continued line west.

My reasons were. (1) from N.E. 3 south we have two original
corners + a rock mound between on north
side of hill. Shows means was south of this

(2) The connections of surveys show that
they were run from 3 to 18 to 19 to 34
then 19 to 83. 33 to 2. 2-3. practically
ignoring 34.

(4) on running north from R.T. Co 1 located
by present corner 77-H+TC I found only
1544 varas between Nbl 1. RT Co + line west
from S.E. 3 M.K.T. instead of 1823 as called.

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nothing + westing. Sketch shows where we hit grade
stakes.

Respectfully

R. D. Dod

State Enr.

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Upton COUNTY ROLLED SKETCH NO. "7"

Report & Sketch of Line from Ponton Bridge
to the Org. S.E. Cor. Sur. A M.K. & T. Ry. Co.

SURVEYED Nov. 1911 BY R. S. Dod

FILED Nov. 20, 1911

5/10/38 - J.L.W.

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