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Book No 10.

BOOK 901

# Field Notes

OF THE SURVEY OF THE

*Subdivision lines*

BOOK 901

-OF-

*No. 901*

Township *16* Range *31 E*

*Gila and Salt River Base and Meridian*

ARIZONA.

By *Walter B Neil* D.S.

Under contract dated *Oct 12<sup>th</sup>* 1883.

Survey commenced *Jan. 7<sup>th</sup>* 1884

Survey completed *Jan. 12<sup>th</sup>* 1884

*No. 901*

*Entered  
Indexed*

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BOOK 901

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Township 16 South, Range 31 East

Gila and Salt River Meridian.

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Referring the lines to the pages of the field notes.

Final Oath of U. S. Deputy Surveyor.

BOOK 901

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I Walter B. Neil

United States Deputy Surveyor, do solemnly swear that in  
pursuance of instructions received from Joseph

W. Robbins U. S. Surveyor General for Ari-  
zona bearing date of the 1st day of October

1883 I have well, faithfully, and truly, in my own proper  
person and in strict conformity, with the instructions furnish-

ed by the U. S. Surveyor General for Arizona, the surveying

manual and the laws of the United States surveyed the Exterior

and subdivision lines of townships

16 S. R. 31 East. 17 South R. 31 E. 120 S. R.

29. 31 and 32. E. 21 S. R. 30 and 31 E. 22 S. R. 29 E.

by and S. R. Precinct Meridian

of the principal base and meridian in the Territory of Ari-

zona, as are represented in the foregoing fields notes as having

been surveyed by me and under my direction; and I do further

solemnly swear that all the corners of the said survey have been

established and perpetuated in strict accordance with the survey-

ing manual, printed instructions, the special written instruc-

tions of the U. S. Surveyor General for Arizona, and in the

10

specific manner described in the field notes, and that the foregoing are the true field notes of such survey, and should any fraud be detected I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Walter B. Nibb.

U. S. Deputy Surveyor.

Subscribed and sworn to before me, this 18<sup>th</sup>

day of January 1884.

John W. Gray  
Notary Public.



BOOK 901

## Final Oaths for Surveys.

## LIST OF NAMES.

A List of the Names of Individuals employed by  
*Walter B. Mill* U. S. Deputy Surveyor to  
 assist in running, measuring and marking the lines and  
 corners described in the foregoing Field Notes of the survey of  
 the *Extension* <sup>and</sup> *subdivision* line of  
 Townships 16 S. R. 31 E. - 17 S. R. 31 E. 20 S.  
 R. 30 <sup>and</sup> 32 E. 4 24 S. R. 35 <sup>and</sup> 31 East. <sup>and</sup> 27  
 S. R. 29 E.

of the principal base and meridian in the Territory of Arizona,  
 showing the respective capacities in which they acted.

*William W. Shearn* Chairman

*Charles B. Read* Chairman

*John Wood* Chairman

*Augustus C. King* Chairman

*John W. Thomas* Assman

*Leonard F. Campbell* Assman

*Charles Erases* Flagman

## Final Oaths of Assistants.

We hereby certify that we assisted \_\_\_\_\_

Hatter B Neil U. S. Deputy Surveyor, in surveying  
 the exterior <sup>and</sup> subdivision line of  
 Townships 16 S. R. 31 E. - 17 S. R. 31 East, 20 S  
 R. 29. 31 <sup>and</sup> 32 E. - 21 S. R. 30 <sup>and</sup> 31 E. 7.  
 22 S. R. 29 East \_\_\_\_\_

of the principal base and meridian in the Territory of Arizona,  
 as are represented in the foregoing field notes as having been  
 surveyed by him and under his direction; and that said Survey  
 has been in all respects, to the best of our knowledge and belief,  
 well and faithfully surveyed, and the corner monuments es-  
 tablished according to the instructions furnished by the U. S.  
 Surveyor-General for Arizona.

John Wood Chauncey

William D. Shearer Chauncey

Charles B. Read Chauncey

August C. King Chauncey

John R. Thomas Chauncey

Leonard J. Campbell Chauncey

Charles Graver <sup>Alayona</sup>

Subscribed and sworn to before me this 12<sup>th</sup> day

day of January \_\_\_\_\_ 1884.

Hatter B Neil.

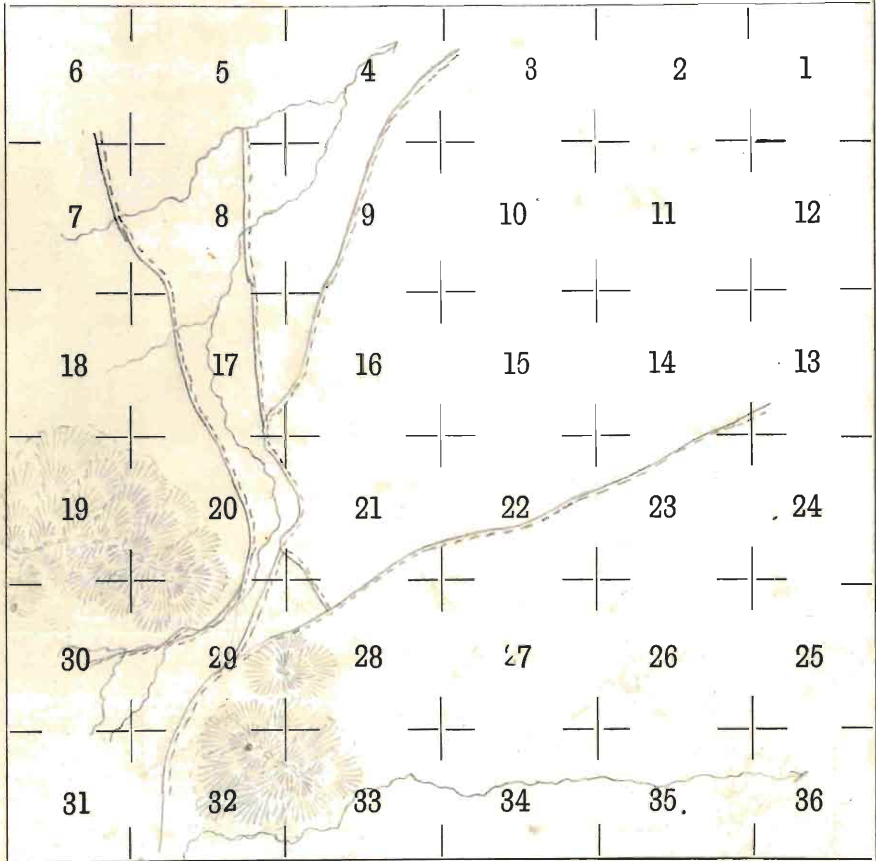
Notary Public.

For preliminary oaths  
& description of instrument  
see Book No. 1.

Survey commenced Jan 7<sup>th</sup> 1884  
Survey completed Jan 12<sup>th</sup> 1884.

INDEX DIAGRAM.

Township 16 South  
Range 31 East



Gila and Salt River, Arizona.

ARIZONA.



T. 16 S. R. 31 E. G + S. R. W.

No. 901

Chains

I commenced at the Cor. to Secs  
1-2-35-36 on South Body of  
the Sp. previously set by me  
where I ran

North bet. Secs 35-36

Var.  $120^{\circ} 51' E.$

40.00 Set a granite stone  $12 \times 12 \times 7$  ins  
& ins. in the ground for  $\frac{1}{4}$  Sec  
Cor. marked  $\frac{1}{4}$  on N. face and  
raised a mound of stone  
alongside. Pit impracticable

52.90 Arroyo, 24 lts. wide Course E.

80.00 Set a post 4 ft. long & ins  
square with marked stone 12  
ins in the ground for Cor to  
Secs 25-26-35-36 marked  
T. 16 S. S. 25 on N. E.

R. 31 E. S. 36 on S. E.

S. 35 on S. W. and

S. 26 on N. W. faces with 1

T. 16 S. R. 31 E.

Chairs

notch on S. and E. edges. dug  
pit 18x18x12 ins in each Sec  
5 1/2 ft. dia and raised a  
mound of earth 2 ft. high 4 1/2  
ft base around post  
Sand slightly rolling  
Soil 3<sup>rd</sup> rate  
Guns good  
Timber. Some mesquite

---

E. on a condon line bet Secs 25-36  
Var 12.51'E.

40.00 Sub temporary 1/4 Sec. Cor  
79.74 Interest E. Bdy of Twp 16th N. 1/2 Secs  
25-30-31-36 previously  
set by me  
Thence run 71.89° 53'

N. on a true line bet Secs  
25-36 with some Var.

J. 16 S. R. 31 E.

Chains

39.87 ~~Set~~ <sup>Set</sup> a marked stone 12 ins. in the ground for  $\frac{1}{4}$  Sec. Cor. dug pit - 18 x 18 x 12 ins E. and W. of Cor 5  $\frac{1}{2}$  ft. disk and raised a mound of earth 1  $\frac{1}{2}$  ft. high 3  $\frac{1}{2}$  ft. broad over it. In E. pit drove stake 2 ft. long 2 ins. square 12 ins in the ground marked  $\frac{1}{4}$  S. on N. face

79.74 The Cor. to Sec. 25-26-35-36  
Land calling Valley  
Soil 3' rate  
Gum wood  
Some Mesquite

---

North back Sec. 25-26

Cor. 120 51' E.

40.00 Set a front stone 15 x 9 x 9 ins  
10 ins. in the front for  $\frac{1}{4}$  Sec.

T. 16 S. R. 31 E.

Chowas

Cov. marked  $\frac{1}{4}$  on W. face  
and raised a mound of  
stone alongside  
Pit impracticable

8000

Set a granite stone  $12 \times 7 \times 4$   
ins  $\times$  ins. in the ground for  
Cov. to Dec. 23-24-25-26  
marked with ~~2~~ notches on S.  
and 1 notch on E. edges, dug  
pit  $18 \times 18 \times 12$  ins in each Dec.  
 $5\frac{1}{2}$  ft. dist. and raised a  
mound of earth 2 ft. high  
 $4\frac{1}{2}$  ft. base alongside  
Sand slightly rolling  
Soil 3<sup>rd</sup> rate  
Some grass  
Some mesquite

---

T. 16 S. R. 31 E.

Chairs

- 40.00 E. on a condom line bet Secs 24-25  
 through dense <sup>prairie brush</sup> temporary  $\frac{1}{4}$  Sec. Cor. Pa. 13-257'E.
- 79.90 Intersect E. Bdy. of Township  
 at Cor. to Secs. 19-24-25-30  
 recently set by me  
 thence I run  
 N. on a true line bet. Secs 24-  
 25 with some var.
- 39.95 We pointed a marked stone  
 12 ins. in the ground for  $\frac{1}{4}$  Sec  
 Cor. dug pit 18 x 18 x 12 ins  
 E. and W. of Cor. 5  $\frac{1}{2}$  ft. dia  
 and raised a mound of earth  
 1  $\frac{1}{2}$  ft. high 3  $\frac{1}{2}$  ft. base on N.  
 In E. pit down stake 2 ft. long  
 2 ins square 12 ins in the  
 ground marked  $\frac{1}{4}$  S. on  
 N. face
- 79.90 The cor. to Secs 23-24-25-26  
 Lana rolling Slopes E.

T. 16 S, R. 3, E.

Choir

Soil 3<sup>5</sup> rateDense Mesquite and  
Green wood brush

North bet. Secs 23-24, Ta. 12:21'E.

Through dense mesquite-Brush

40.00

Set a granite stone 13 x 8 x 5  
ins. 8 ins. in the ground for 1/4Sec. Cor. marked 1/2 on N. face  
dry pit 18 x 18 x 12 ins N.W.

of stone 5 1/2 ft. dia. and

raised a mound of earth

1 1/2 ft. high 3 1/2 ft. base  
along edge

80.00

Set a granite stone 10 x 10 x 8 ins  
7 ins. in the ground for Cor to Secs13-14-23-24 marked with  
3 notches on S. and 1 notchon E. edges, dry pit 18 x 18 x 12  
ins. in each sec. 5 1/2 ft. dia.

T. 16 S. R. 31 E.

Chains

and raised a mound of earth  
2 ft. high 4 1/2 ft. base  
alongside  
Land slightly rolling  
Str 3' rate  
Dense Mesquite and  
Green wood brush

---

East on a random line  
bet. Secs 13-24

Var. 12051' E.

- 40.00 Set temporary 1/4 Sec. Cor  
80.14 Intersect East Bdy of Sp  
24 lks S. of Cor, to Secs 13-18  
19-24 previously set by me  
whenever I run.  
S. 89050' W. on a true line  
bet Secs 13-24 with some Var.  
40.47 Set a granite stone 10x8x5 in

7.

T. 16 S. R. 31 E.

Chain

7 ins. in the ground for  $\frac{1}{4}$  Sec  
Cor. marked  $\frac{1}{4}$  on N face  
dry pit - 18 x 18 x 12 ins E & W.  
of ston 5  $\frac{1}{2}$  ft. dia and  
raised a mound of earth  
 $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. base elongide

80.14

The cor. to Secs. 13-14-23-24

Sand slopes E.

Soil 3<sup>rd</sup> rate

Never mesquite brush

North bet Secs. 13-14

Var.  $120^{\circ} 51' E.$ 

10.40

Road <sup>from</sup> Greyville to San Simon  
Ciniza bet N.  $26^{\circ} E$  and S  $26^{\circ} W.$ 

40.00

Set a granite ston 13 x 12 x 9 ins  
8 ins. in the ground for  $\frac{1}{4}$  Sec  
Cor. marked  $\frac{1}{4}$  on N. face  
dry pit - 18 x 18 x 12 ins N & S. of



J. 16 S. R. 31 E.

Choir

Ston 5 1/2 ft. dia, and raised  
a mound of earth 1 1/2 ft. high  
3 1/2 ft. base along side

80.00 Set a granite ston 10 x 6 x 6 ins  
7 ins. in the front for Cor. to Sec  
11-12-13-14 marked with 4  
notches on S. and 1 notch on  
E. edges. dug pit 18 x 18 x 12  
ins. in back Rec. 5 1/2 ft. dia  
and raised a mound of earth  
2 ft. high 4 1/2 ft. base along side  
Land slopes E.

Soil 3<sup>d</sup> rate

Deer Mesquite brush

---

East on a random line  
bet Sec 12-13

Cor. 12° 48'

40.00 Set Temporary 1/4 Rec. Cor

79.84 Interest E. boundary of 1/4

T. 16 S., R. 31 E.

Chowin

22 lks S. of Cor to Recs 7-12  
13-18

Thence I run

S.  $89^{\circ} 51'$  W. on a true line  
but Recs 12-13 with some Var.

39.92

Deposited marked stone 12  
ins. in the ground for  $\frac{1}{4}$  Sec  
Cor. dug pit -  $18 \times 18 \times 12$  ins  
E & W. of Cor.  $5\frac{1}{2}$  ft. disk and  
raised a mound of Earth  
 $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. broad over it.

In E. pit drove stake 2 ft. long  
2 ins square 12 ins. in the foot  
marked  $\frac{1}{4}$  S. on N. face

7984

Thence Cor to Recs 11-12-13-14

Land slightly rolling

Soil 3<sup>d</sup> rate

Some Mesquite brush

---

T. 16 S. R. 31 E.

Chairs

North bet Secs 11 and 12  
Var.  $12^{\circ} 58' E.$ 

40.00

Deposited a marked stone 12  
ins. in the ground for  $\frac{1}{4}$  Sec. Cor  
dry pit, 18 x 18 x 12 ins N + S  
of stone  $5\frac{1}{2}$  ft. dia and raised  
a mound of earth  $1\frac{1}{2}$  ft. high  
 $3\frac{1}{2}$  ft. over it. In N. pit  
dove stake 2 ft. long 2 ins  
square 12 ins in the point  
marked  $\frac{1}{4}$  S. on W. face

80.00

Set a granite stone 10 x 6 x 5 ins  
7 ins. in the ground for Cor to Secs  
1-2-11-12 marked with 5 notches  
on S. and 1 notch on E. edges  
dry pit - 18 x 18 x 12 ins in back  
Sec.  $5\frac{1}{2}$  ft. dia and raised  
a mound of earth 2 ft. high  
 $4\frac{1}{2}$  ft. over along side  
Land nearly level

T. 16 S. R. 3, E.

Chains

Soil 3<sup>5</sup> rods  
 Hence Mesquite Branch

---

East on a pondown line  
 bet Secs. 1-12

Var.  $12^{\circ} 58' E.$

46.00 Set temporary  $\frac{1}{4}$  Sec. Cor  
 80.10 Intersect E. Bdy of T. 16 S. R. 3  
 of Cor to Secs. 1-6-7-12  
 recently set by me  
 thence I run

N.  $89^{\circ} 54' N.$  on a true line  
 bet Secs 1-12 with some Var.

40.05 Deposited a marked stone  
 $1\frac{1}{2}$  ins. in the ground for  $\frac{1}{4}$  Sec  
 Cor. dug pit  $18 \times 18 \times 12$  ins  
 E. and N. of Cor.  $5\frac{1}{2}$  ft deep  
 and raised a mound of  
 earth  $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. from

T. 16 S. R. 31 E.

Chains

over it, in E. pit down stake  
2 ft. long 2 ins square 12 ins.  
in the ground marked  $\frac{1}{4}$  Sec  
N. face

80.10 The Cor. to Secs. 1-2-11-12  
Land slightly rolling  
Soil 3<sup>d</sup> rate  
Never Mesquite brush

---

North on a bar line bet Secs 1-2  
Var.  $12^{\circ} 51' E.$

40.00 Depainted a marked stone  
12 ins. in the ground for  $\frac{1}{4}$  Sec  
Cor. dug pit 18 x 18 x 12 ins  
N + S. of cor. 5  $\frac{1}{2}$  ft. dirt and  
raised a mound of earth  
1  $\frac{1}{2}$  ft. high 3  $\frac{1}{2}$  ft. over it  
In N. pit down stake 2 ft long  
2 ins. square 12 ins. in the

J. 16 S. R. 31 E.

Chains

89,54

ground marked  $\frac{1}{4}$  S. on W face  
 Patent 3<sup>rd</sup> standard parallel  
 South 9.15 Chains E. of standard  
 Cor. to Secs. 35-36 which is  
 a volcanic stone 11x7 ins  
 set firmly in the ground with  
 pits 18x18x12 ins. N.E. and W.  
 of stone  $5\frac{1}{2}$  ft. disk marked  
 with 1 notch on E and 5 notches  
 on W. edges.

When I departed marked  
 stone 12 ins. in the ground for  
 closing Cor to Secs. 1-2 dug  
 pits 18x18x12 ins. S.E. and W.  
 of Cor.  $5\frac{1}{2}$  ft. disk and raised  
 a mound of earth 2 ft. high  
 $4\frac{1}{2}$  ft. over it. In E. pit  
 drove a stake 2 ft. long 2 ins  
 square 12 ins. in the ground marked  
 C.C. J. 16 S. R. 31 on S.

J. 16 S. R. 31 E.

Chairs

S. 1 on E. and

S. 2 on W. faces with 1 notch  
on E. and 5 notches on W.  
edges

Land nearly level

Soil 3<sup>d</sup> rate

Dense mesquite brush

---

July 7<sup>th</sup> 1884

I carefully examined the adjust-  
ments of my polar instrument  
today particularly the latitude  
and reversing apparatus  
and found them correct

T. 16 S. R. 3, E.

Chairs

From the Cor. to Secs 26-34-35  
on South Bdy of Township  
previously set by me

I ran

North bet Secs 34 and 35

1 Nor.  $120^{\circ} 51' E.$

40.00 Set a granite stone  $13 \times 12 \times 7$   
ins  $8$  ins. in the ground for  
 $\frac{1}{4}$  Sec. Cor. marked  $\frac{1}{4}$  on W.  
face, dug pits  $18 \times 18 \times 12$  ins  
N & S. of stone  $5\frac{1}{2}$  ft. dia.

and raised a mound of earth  
 $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. base along side

50.00 Dug work 4. in Chs words  
Course E.

80.00 Deposited a marked stone  
 $12$  ins. in the ground for  
Cor. to Secs 26-27-34-35  
dug pits  $18 \times 18 \times 12$  ins in  
black Sec.  $5\frac{1}{2}$  ft. dia. and



J. 16 S. R. 3, E.

Choir

raised a mound of earth  
2 ft. high  $4\frac{1}{2}$  ft. over  
it.

In S. E. pit door a stone 2 ft.  
long 2 in. square marked

T. 16 S. S. 26 on N. E.

R. 31 E. S. 35 on S. E.

S. 34 on S. W. and

S. 27 on N. W. faces with 1  
notches on S. and 2 notches  
on E. edges

Land rolling  
Soil 2<sup>5</sup> and 3<sup>5</sup> rate  
Green sand

---

E. oak on a roadrow line  
bet Secs. 26-35

W. 120 51' E.

40.00 Set temporary  $\frac{1}{4}$  Sec. Cor

T. 16 S. R. 31 E.

Chorus

80.13

Intersect N + S line 10 lks N.  
of Cor. to Secs 25-26-35-36  
thence I run  
N. 89° 54' W. on a new line  
bet. Secs. 26-35 with same Va.

40.06

Deposited a marked stone  
12 ins. in the ground for  $\frac{1}{4}$  Sec  
Cor. dug pit 18x18x12 ins  
E + W. of Cor 5  $\frac{1}{2}$  ft. dia and  
raised a mound of earth  $1\frac{1}{2}$   
ft. high 3  $\frac{1}{2}$  ft. base over it  
In E. pit drove a stake 2 ft  
long 2 ins. square 12 ins.  
in the ground marked  $\frac{1}{4}$   
S. on N. face

80.13

The Cor. to Secs 26-27-34-35  
Land nearly level. Slopes E.  
Soil 2<sup>d</sup> and 3<sup>d</sup> rate  
Grass good

---

T. 16 S. R. 31 E.

Chains

North bet. Secs 26-27

Cor.  $12^{\circ} 51' E.$

40.00 Deposited a marked stone  
12 ins. in the ground for  $\frac{1}{4}$  Sec  
Cor. dug pits  $18 \times 18 \times 12$  ins  
N + S. of Cor.  $5\frac{1}{2}$  ft. dist and  
raised a mound of earth  $1\frac{1}{2}$   
ft. high  $3\frac{1}{2}$  ft. base over it,  
In N. pit drove a stake 2 ft. long  
2 ins. square marked  $\frac{1}{4}$  S. on  
N. face

80.00 Set a granite stone  $11 \times 10 \times 8$  ins  
7 ins. in the ground for Cor to  
Secs 22-23-26-27 marked  
with 2 notches on S. and E.  
edges, dug pits  $18 \times 18 \times 12$  ins  
in each Sec.  $5\frac{1}{2}$  ft. dist  
and raised a mound of earth  
2 ft. high  $4\frac{1}{2}$  ft. base alongside  
Land nearly level

J. 16 S. R. 31 E.

Chairs

Soil 3' rate  
Grass good

---

East on a pondrow line bet  
Secs 23 and 26

Var.  $12^{\circ} 51'$  E.

40.00 Set temporary  $\frac{1}{4}$  Sec. Cor

79.94 Intersect N + S. line 12 lks  
S. of Cor. to Secs. 23-24-25-26  
Then I run

S.  $89^{\circ} 55'$  W. on a true line  
bet Secs. 23-26 with some Var

39.97 Deposited a marked stone  
12 ins. in the ground for  $\frac{1}{4}$  Sec  
Cor. dug pits  $18 \times 18 \times 12$  ins  
E + W. of cor  $5\frac{1}{2}$  ft. dia  
and raised a mound of earth  
 $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. base over it  
In E. pit drove a stake 2 ft.

J. 16 N. R. 31 E

choirs

long 2 ins square 12 ins in the  
ground marked  $\frac{1}{4}$  S. on N  
face

79.94

The Cor. to Secs 22-23-26-27  
Loud slightly rolling  
Soil 3' rate  
grass good

North bet. Secs 22-23

Cor. 12° 51' E.

40.00

Set a granite stone 9x8x8 ins  
6 ins. in the ground for  $\frac{1}{4}$  Sec  
Cor. marked  $\frac{1}{4}$  on N. face  
ang pit. 18x18x12 ins N+S. of  
stone 5 1/2 ft. dia and raised  
a mound of earth 1 1/2 ft. high  
3 1/2 ft. base along side

47.10

Road from Galysville to Sow  
Union Cieniza bet. N. 64° E.  
& S 64° N.

T. 16 S. R. 31 E.

Chains

\$0.00

Set a granite stone  $12 \times 8 \times 4$  in  
 8 in. in the ground for Cor to  
 Sec. 14-15-22-23 marked  
 with 3 notches on S, and  
 2 notches on E. edges and  
 raised a mound of stones  
 along side. Pt. impracticable  
 Land slightly rolling  
 Soil 3<sup>rd</sup> rate  
 Grass good

---

East on a random line bet  
 Sec 14-23

Cor.  $120^{\circ} 51' E.$ 40.00 Set temporary  $1/4$  Run Cor.63.00 Road bet N.  $63^{\circ} E$  and S.  $63^{\circ} W.$ 79.94 Intersect N & S. line 3.4 ch. N from  
 to Sec. 13-14-23-24

Thence run

 $N. 89^{\circ} 45'$

T. 16 S. R. 31 E.

Chains

N. on a true lined Secs  
14-23 with pour bar.

39.97 Deposited a marked stone  
12 ins. in the ground for  $\frac{1}{4}$   
Sec. Cor. dug pit 18 x 18 x 12  
ins E & W. of Cor  $5\frac{1}{2}$  ft. dist  
and raised a mound of  
earth  $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. broad  
over it. In E. pit drove a  
stake 2 ft. long 2 ins. diameter  
12 ins. in the ground marked  
 $\frac{1}{4}$  on N. face

79.94 The Cor to Secs. 14-15-22-23  
Land slightly rolling  
Soil 3<sup>rd</sup> rate  
Some Mesquite

---

T. 14 S. R. 31 E.

Chairs

North bet Secs. 14 and 15  
Cor. 120 52' E.

40.00 Deposited a marked stone  
12 ins. in the ground for  $\frac{1}{4}$  Sec  
Cor. dug pit N & S. of Cor  
18x18x12 ins and raised  
a mound of earth 1 $\frac{1}{2}$  ft.  
high 3 $\frac{1}{2}$  ft. over it.  
In N. pit drove a stake 2 ft  
long 2 ins. square 12 ins. in  
the ground marked  $\frac{1}{4}$  S. on  
N. face & cut a dense mesquite.

80.00 Deposited a marked stone  
12 ins. in the ground for Cor  
to Secs 10-11-14-15 dug pit  
18x18x12 ins in each Sec 5 $\frac{1}{2}$   
ft. dia and raised a mound  
of earth 2 ft. high 4 $\frac{1}{2}$  ft. over  
it. In S. E. pit drove a  
stake 2 ft. long 2 ins square



T. 16 S. R. 31 E.

Chain

12 ins. in the ground marked

T. 16 S. S. 11 on N. E.

R. 31 E. S. 14 on S. E.

S. 15 on S. W. and

S. 10 on N. W. faces with  
4 notches on S. and 2 notches  
on E. edges

Land level

Iron 3<sup>d</sup> rate

Near Mesquite on lock half  
mile

East on a rounded line

bet Secs 11-14

Cor. 12° 51' E.

40.00 Set temporary 1/4 Sec. Cor

80.10 Intersect N. & S. line 1/2 lks

N. of Cor. to Reco. 11-12-13-14

Thence I run

J. 16 S. R. 31 E.

Chorus

N. 89° 55' W. on a True line  
bet. Secs 11-14 with some var.

40.00 Deposited a marked stone  
12 ins. in the front for  $\frac{1}{4}$  Sec  
Cor. dug pits 18 x 18 x 12 ins E  
W. of cor. 5  $\frac{1}{2}$  ft. ditch and  
raised a mound of earth  
1  $\frac{1}{2}$  ft. high 3  $\frac{1}{2}$  ft. over it  
In E. pit drove a stake 2 ft long 2 ins  
square, 12 ins in the ground, marked  
 $\frac{1}{4}$  S. on N. face;

80.10 The cor. to secs 10-11, 14-15  
Land rolling  
Soil 3" rate  
Dense mesquite Bush

North bet. Secs. 10-11

Var 120° 51' E.

40.00 Deposited a marked stone  
12 ins in the front for  $\frac{1}{4}$  Sec  
Cor. dug pits 18 x 18 x 12 ins  
N + S. of Cor. 5  $\frac{1}{2}$  ft. ditch <sup>and</sup>

T. 16 S. R. 31 E

Choir

raised a mound of earth  
 $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. base over it  
 In N. pit drove a stake 2 ft.  
 long 2 ins square 12 ins in the  
 ground marked  $\frac{1}{4}$  S. on W. face

80.00 Deposited a marked stone 12  
 ins. in the ground for Cor to Rec  
 2-3-10-11 dug pit  $18 \times 18 \times 12$   
 ins. in each Rec  $5\frac{1}{2}$  ft. dia  
 and raised a mound of  
 earth 2 ft. high  $4\frac{1}{2}$  ft. base  
 over it. In S. E. pit drove  
 a stake 2 ft. long 2 ins square  
 12 ins in the ground marked  
 T 16 S. <sup>S</sup> 2 on N E.  
 R 31 E. S. 11 on S. E.  
 S. 10 on S. W. and  
 S. 3 on N. W faces with 5  
 notches on S. and 2 notches  
 on E. edges

27

T. 16 S. R. 31 E

Chains

Land slightly rolling  
 Soil 3<sup>rd</sup> rate  
 Dense Mesquite Brush

---

East on a random line  
 bet. Secs 2 and 11

Var  $120^{\circ} 51' E$ .

40.00 Set temporary  $\frac{1}{4}$  Sec. Cor.

79.80 Intervals N. & S. line 22 lks

S. of Cor. to Secs 1-2-11-12

thence I run

S.  $89^{\circ} 51'$  N. on a true line  
 bet Secs. 2 and 11 with Perm Var.

39.90 Deposited a marked stone  
 12 ins. in the ground for  $\frac{1}{4}$  Sec  
 Cor. dug pit  $18 \times 18 \times 12$  ins E &  
 N. of Cor  $5\frac{1}{2}$  ft. dia and  
 raised a mound of earth  
 $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. dia over it

T. 16 S. R. 31 E.

Chairs

In E. pit down a stake 2 ft  
long 2 ins square 12 ins. in  
the ground marked  $\frac{1}{4}$  S. on  
N. face

79.80 The Cor. to Recs. 2-3-10-11

Land slopes E.

Soil 3<sup>d</sup> rate

Timber. Some mesquite stand.

---

North on a true line bet Secs 2-3  
Cor.  $12^{\circ} 51' E.$

40.00 Set a granite stone  $10 \times 10 \times 7$  ins  
7 ins. in the ground for  $\frac{1}{4}$  Rec Cor  
marked  $\frac{1}{4}$  on W face dug pits  
 $18 \times 18 \times 12$  ins N & S. of stone  $5 \frac{1}{2}$   
ft. dist and raised a mound  
of earth  $1 \frac{1}{2}$  ft. high  $3 \frac{1}{2}$  ft. over  
alongside

89.70 Interest 3<sup>d</sup> standard

29

T. 16 S. R. 31 E.

Parallel South 9.60 Cho Each  
 of <sup>stand</sup> Cor to Recs. 34-35 which is  
 a mound of earth 2 ft. high  
 4 1/2 ft. base with <sup>pit in E. 300 ft. from Cor and</sup> stake in E.  
 pit marked

S. C. # 15 SR 31 E. on W

S. 35 on E and

S. 34 on W. faces with 2 notches  
 on E. and 4 notches on W. <sup>Edges</sup>

When I set a granite stone  
 14 x 12 x 6 ins. <sup>9 in. in ground</sup> for closing

Cor. to Recs 2-3 - marked

C. C. with 2 notches on E and

4 notches on W. edges. dry pit

18 x 18 x 12 ins S. E & W of stone

5 1/2 ft. dia and raised a  
 mound of earth 2 ft high 4 1/2  
 ft. base along side

Land slopes E.

Soil 3<sup>rd</sup> Rate

Good Grass.

J. 16 S. R. 31 E

Chains

Never Mesquite brush

Jan. 8. 1884

From the Cor. to Secs 3-4-33-34  
on South Body of Township  
recently set by me  
I ran

North bet Secs 33-34

Cor.  $120^{\circ} 48' E.$

Over slightly rolling land

40.00

Set a limestone  $14 \times 10 \times 4$  ins  
9 ins. in the front for  $\frac{1}{4}$  Rec  
Cor. marked  $\frac{1}{4}$  on Sr. line  
and raised a mound of  
stone along side  
Pts impracticable

45.00

Across 84 lks wide Course  $N. 12^{\circ} E.$

20.00

Set a ground stone  $10 \times 10 \times 7$  ins  
7 ins. in the front for Cor to  
Secs 27-28-33-34 marked

T. 16 S. R. 3, E.

Chowin

with 1 notch on S. and 3  
notches on E. edges, dug  
pts. 18x18x12 ins. in each  
loc 5 1/2-ft. dist and raised  
a mound of earth 2 ft. high  
4 1/2 ft. base along side  
Sand rolling  
Soil 2<sup>5</sup> and 3' rate  
Grass good

---

East on a random line  
bet Secs 27 and 34  
Cor. 120 x 8' E.

40.00 Ret temporary 1/4 Sec Cor.  
79.84 Interest N+S. line 1/4 Sec S of cor  
to Secs 26-27-34-35  
thence I ran S. 89° 5' 4"  
N. on a true line bet Secs  
27-34 with some Cor.



T. 16 S. R. 3, E.

Chains

39.92 Deposited a marked stone  
12 ins. in the ground for  $\frac{1}{4}$   
ac. cor. dug pit 18x18x12  
ins E & W. of cor. 5  $\frac{1}{2}$  ft.  
dirt and raised a mound  
of earth 1  $\frac{1}{2}$  ft. high 3  $\frac{1}{2}$  ft  
bore over it. In E. pit  
drove a stake 2 ft. long 2 ins  
square 12 ins. in the ground  
marked  $\frac{1}{4}$  S. on N. face

7984 The cor. to Secs 27-28-33-34  
Land nearly level  
Soil 2<sup>d</sup> and 3<sup>d</sup> rate  
Grass good

North bet. Secs 27 and 28  
Cor. 12° 48' E.

40.00 Set a granite stone 10x10x5  
ins. 7 ins. in the ground for

J. 16 S. R. 31 E.

Chairs

$\frac{1}{4}$  Sec Cor. marked  $\frac{1}{4}$  on  
W. face dug pits  $18 \times 18 \times 12$   
ins N + S. of stone  $5\frac{1}{2}$  ft.  
dist and raised a mound  
of earth  $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft  
base alongside

80.00

Set a granite stone  $9 \times 8 \times 6$  ins  
6 ins. in the ground for Cor  
to Secs 21-22-27-28 marked  
with 2 notches on S. and 3  
notches on E. edges, dug pits  
 $18 \times 18 \times 12$  ins. in each Sec  
 $5\frac{1}{2}$  ft. dist and raised  
a mound of earth 2 ft. high  
 $4\frac{1}{2}$  ft. base alongside  
Land nearly level  
Soil 3<sup>rd</sup> pat  
Good grazing

---

T. 16 S. R. 31 E.

Chow

Exposed on a southeast line  
bet. Secs 22-27

Dip.  $12^{\circ} 48' E.$

40.00 1/4 temporary 1/4 Sec. Cor.

79.92 Interest N & S. line 30 lks

S. of Cor to Secs 22-23-26-27  
then I run

S. of  $9^{\circ} 47' N.$  on a true line  
bet Secs 22-27 with down Dip.

39.91 Deposited a marked stone 12  
ins in the ground for 1/4 Sec. Cor  
dry pit 18 x 18 x 12 ins. East N.  
of Cor. 5 1/2 ft. dia and  
raised a mound of earth  
1 1/2 ft. high 3 1/2 ft base over it  
In E. pit drove a stake 2 ft.  
long 2 ins square 12 ins in  
the ground marked 1/4 S on N  
face

79.92 The Cor. to Secs 21-22-27-28

J. 16 S. R. 31 E.

Chowin

Land level and rolling  
Soil 3<sup>rd</sup> rate  
Good grazing

---

North bet. Secs. 21-22

Var. 120 & 8. E.

24.50 Road to Son Union Cienega  
bet. N.E. and S. W.

40.00 Set a front ston 13x10x6 ins  
8 ins. in the ground for  $\frac{1}{4}$  Sec  
Cor. marked  $\frac{1}{4}$  on W. face  
by pit 18x18x12 ins N & V, of  
ston 5  $\frac{1}{2}$  ft. dist and raised  
a mound of earth 1  $\frac{1}{2}$  ft high  
3  $\frac{1}{2}$  ft. base along side.

80.00 Set a front ston 10x9x6 ins  
7 ins. in the ground for Cor to  
Secs. 15-16-21-22 marked  
with 3 notches on Sand E

J. 16 S. R. 31 E

Choir

edges, dug pit 18x18x12 ins  
in each Sec. 5 1/2 ft. dist  
and raised a mound of  
earth 2 ft. high 4 1/2 ft  
base alongside

Land nearly level

Soil 3<sup>rd</sup> rate

Good grazing

---

East on a random line bet  
Secs 15 and 22

40.00  
80.18  
Through dense prairie  
bet temporary 1/4 Sec. Cor.  
latent N + S line 24<sup>th</sup> 59<sup>th</sup> 75<sup>th</sup> Secs

14-15-22-23

Thence S on

S 89° 3' 0"

N. on a true line bet Secs 15  
and 22 with some Cor

40.00

Deposited a marked stone

T. 16 S. R. 31 E.

Chorus

12 ins. in the ground for  $\frac{1}{4}$   
 Sec. Cor. dug pits 18x18x12 ins  
 E. and W. of Cor. 5  $\frac{1}{2}$  ft. deep  
 and raised a mound of earth  
 1  $\frac{1}{2}$  ft. high 3  $\frac{1}{2}$  ft. over on it  
 In E. pit drove a stake 2 ft. long  
 2 ins. square 12 ins. in the  
 ground marked  $\frac{1}{4}$  S. on N. face

So. 18

The Cor. to Secs. 15-16-21-22  
 Land slightly rolling  
 Soil 3<sup>d</sup> patn  
Neuer Mesquite Branch

North bet Secs 15 and 16  
 Cor. 12° 51' E.

40.00

Deposited a marked stone  
 12 ins. in the ground for  $\frac{1}{4}$  Sec  
 Cor. dug pit 18x18x12 ins  
 N & S. of Cor. 5  $\frac{1}{2}$  ft. deep and

J. 16 <sup>S.</sup> N. R. 31 E.

Chains

raised a mound of earth  $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. over it  
 In N. pit drove a stake 2 ft long  
 2 in square 12 in. in the  
 ground marked  $\frac{1}{4}$  S. on N. face

\$0.00 Set a front stone  $10 \times 8 \times 5$  in  
 7 in. in the front for Cor to Sec  
 9-10-15-16 marked with 4  
 notches on S. and 3 notches on  
 E. edges, dug pit  $18 \times 18 \times 12$  in  
 in each Rec  $5\frac{1}{2}$  ft. dia and  
 raised a mound of earth 2 ft.  
 high  $4\frac{1}{2}$  ft. over along side  
 Land level

Soil 3' path

Some Mesquite brush

---

East on a pondour line bet  
 Sec 10 and 15

J. 16 S. R. 31 E.

Chain

Var.  $12^{\circ} 58' E.$

- 40.00 Set temporary  $\frac{1}{4}$  Sec Cor.
- 79.94 Intersect N and S. line 2 slks  
S. of Post to Secs. 10-11-14-15  
Thence I run  
S.  $89^{\circ} 48' W.$  on a true line  
bet. Secs. 10 and 15 with Down Var.
- 39.98 Set a granite stone  $8 \times 8 \times 8$  ins  
6 ins. in the ground for  $\frac{1}{4}$  Sec  
Cor. marked  $\frac{1}{4}$  on N. face, dug  
pit  $18 \times 18 \times 12$  ins E. & W. of stone  
 $5\frac{1}{2}$  ft. dia and raised a  
mound of earth  $1\frac{1}{2}$  ft. high  
 $3\frac{1}{2}$  ft. over diameter
- 79.96 The Cor. to Secs. 9-10-15-16  
Sand level  
Soil 3' pat  
Some mesquite brush
-



T. 16 S. R. 31 E.

Chairs

North bet Secs 9 and 10

Cor. 12° 58' E.

40.00 Set a granite stone 14 x 8 x 5 ins  
9 ins. in the ground for  $\frac{1}{4}$  Rec Cor  
marked  $\frac{1}{4}$  on N. face, dug  
pit 18 x 18 x 12 ins. N and S. of  
stone 5  $\frac{1}{2}$  ft. dia and raised  
a mound of earth 1  $\frac{1}{2}$  ft. high  
3  $\frac{1}{2}$  ft. broad over it

80.00 Set a granite stone 12 x 10 x 9 ins  
8 ins. in the ground for Cor. to  
Secs. 3-4-9-10 marked with  
5 notches on S. and 3 notches  
on E. edges, dug pit 18 x 18 x 12  
ins in each Rec, 5  $\frac{1}{2}$  ft. dia  
and raised a mound of earth  
2 ft high 4  $\frac{1}{2}$  ft. broad  
Slightly rolling  
Soil 3<sup>rd</sup> rate  
Some mesquites

---

T. 16 S. R. 3, E.

Choirs

East on a random line  
bet. Secs 3 and 10Var  $12^{\circ} 51' E.$ 40.00 Set temporary  $\frac{1}{4}$  Sec. Cor.79.86 Interest N. and P. line 20  
lks S. of cor. to Secs 2-3-10-11  
thence I runS.  $89^{\circ} 51' W.$  on a true line  
bet. Secs 3 and 10 with Conn. Var.39.93 Deposited a marked stone  
12 ins. in the ground for  $\frac{1}{4}$  Sec.  
Cor. dug pit 18 x 18 x 12 ins East  
W. of Cor.  $5\frac{1}{2}$  ft. dia and  
raised a mound of earth  $1\frac{1}{2}$   
ft. high  $3\frac{1}{2}$  ft. base over it  
In E. pit drove a stake 2 ft  
long 2 ins square 12 ins in  
the ground marked  $\frac{1}{4}$  S. on  
N. face

79.86 Thence Cor. to Secs. 3-4-9-10

T. 16 S. R. 3, E.

Choirs

Land nearly level  
 Soil 3' rats  
 Some Mesquite Bornak

North on a true line bet Secs  
 3 and 4

Cor.  $120^{\circ} 58' E$ 

4000 Set a front stow  $8 \times 8 \times 8$  ins  
 6 ins. in the ground for  $\frac{1}{4}$  Sec  
 Cor. marked  $\frac{1}{4}$  on W. face  
 dug pit  $18 \times 18 \times 12$  ins N & S. of  
 stow  $5\frac{1}{2}$  ft. dia and  
 raised a mound of earth  
 $1\frac{1}{2}$  ft high  $3\frac{1}{2}$  ft base  
 along side

56.00 Old road bet. N.E. and S. W.

89.42 Intersect 3<sup>rd</sup> Standard

Parallel South 10.30 chrs  
 Each of Standard Cor to Secs

43  
 J. 16 S. R. 3, E.

33-34 which is a front  
 stone 10x7 ins marked S.C.  
 with 3 notches on E and W.  
 edges, with pit 18x18x12 ins  
 N. E. and W. of stone <sup>5 1/2 ft. diam.</sup> and  
 mound of earth alongside

When I set a front stone  
 10x8x7 ins 7 ins. in the front  
 for closing Cor. to Res 3 and 4  
 marked C.C. with 3 notches  
 on E. and W. edges dug pit  
 18x18x12 ins S. E. and W. of  
 stone 5 1/2 ft. diam and raised  
 a mound of earth 2 ft. high  
 4 1/2 ft. base along side  
 Land nearly level  
 Soil 3<sup>5</sup> rats  
 Some Mesquite brush

---

T. 16 S. R. 31 E.

Chorus

I carefully examined the adjustments of my Polar instrument today particularly the latitude and reversing apparatus and found them correct

January 9<sup>th</sup> 1884

From the Cor to Recs 4-5-32-33 on the South Bdy of Tp. previously set by me

I saw

North bet Secs 32-33

Cor.  $12^{\circ} 48' E.$

Descend

8.20 Turkey Creek 40 lks wide  
Crosser E. and ascend  
40.00 bet a Linnestown 12 x 9 x 6

T. 16 S. R. 31 E.

## Chairs

15. 8' 15" in the ground for  
 1/4 Sec. Cor. marked 1/4 on W.  
 face and raised a mound  
 of stone along side

Pit impracticable

59.50

Top of mountain spur to  
 N. 6 S. W. and S. 6 S. E. and  
 descend

80.00

Set a limestone 15 x 10 x 6 in  
 10 in. in the ground for Cor  
 to Secs. 28-29-32-33 marked  
 with 1 notch on S. and 4 notches  
 on E. edges and raised a  
 mound of stone along side  
 Pit impracticable

Sand mountainous and broken  
 Soil 3<sup>d</sup> and 4<sup>th</sup> rats  
 Some mesquite brush

---

J. 16 S. R. 37 E

Chains

East on a random line  
bet. Secs 28 and 33  
Var.  $12^{\circ} 48' E$ .

Descend

30.00 Leave foot of mountain and  
enter Valley bet. N. W. and S. E.

34.00 Road bet N. W. and S. E.

40.00 Set temporary  $\frac{1}{4}$  Rec. Cor

79.74 Intersect N. and S. line 22 lks  
S. of Cor to Secs 27-28-33-34

Thence I run

S.  $89^{\circ} 51' W$ . on a true line  
bet Secs 28 and 33 with some Var.

39.87 Set a Lora stone  $10 \times 10 \times 9$  in 7 in  
in the ground for  $\frac{1}{4}$  Rec Cor  
marked  $\frac{1}{4}$  on N. face and  
raised a mound of stone  
along side. Pit impracticable

79.74 The Cor. to Secs 28-29-32-33  
<sup>30 chs</sup> Land <sup>30 chs</sup> mountainous and rolling

J. 16 S. R. 3, E.

Chairs

Soil 3<sup>d</sup> rate  
 Grass good

---

North lat. Decs 28-29  
 Cor. 12° 48' E.

Descend

- 18.00 Foot of descent and ascend  
 over round hill
- 32.00 Top of hill and descend
- 40.00 Set a granite stone 10 x 8 x 6 in  
 7 in. in the ground for  $\frac{1}{4}$   
 Sec. Cor. marked  $\frac{1}{4}$  on W. base  
 and raised a mound of  
 stone along side.  
 Pit impracticable
- 46.00 Road from Galeysville to Saw  
 Orinon Pinnings, to N. Cor. E  
 and S. Cor. W
- 80.00 Set a granite stone 15 x 13 x 7 in



T. 16 S. R. 31 E.

Chairs

10 ins in the ground for Cor 5  
 Secs. 20-21-28-29 marked  
 with 2 notches on S. and  
 4 notches on E. edges and  
 raised a mound of straw  
 alongside. Pitt. unpracticable  
 Land <sup>46chs</sup> mountainous & <sup>34chs</sup> rolling  
 Soil 3<sup>d</sup> and 4<sup>th</sup> rate  
 Good grazing

---

East on a random line bet  
 Secs 21-28

Sec. 12051'E.

16.00 Road bet. N. W. and S. E.

46.00 Dit temporary 1/4 Sec. Cor.

48.00 Road from Galeville to San  
 Dimin Cienega, by. N E & S. W.

79.82 Interest N and S line 20ths  
 S. of cor to sec 21-22-27-28

T. 16 S. R. 3, E.

Chowin

Thence I run  
S. 89° 51' W. on a true line  
bet ptes 21-28 with Round box

39.91 Deposited a marked stone  
12 ins. in the front for  $\frac{1}{4}$  Sec  
Cor. ~~where~~ pit 18x18x12 ins  
E. and W. of Cor. 5  $\frac{1}{2}$  ft. dia  
and raised a mound of  
earth 1  $\frac{1}{2}$  ft. high 3  $\frac{1}{2}$  ft  
base over it. In E. pit drove  
a stake 2 ft. long 2 ins square  
12 ins. in the front marked  
 $\frac{1}{4}$  S. on N. face

39.82 The Cor. to ptes 20-21-28-29  
Land selling  
Soil 3<sup>rd</sup> rate  
Good grazing

---

T. 16 S. R. 31 E.

Chairs

North bet pces 20 and 21  
Cor. 120' 48' E.

9.20 Road bet N. 18° W. &amp; S. 18° E.

21.40 Road bet N. E. and S. W.

40.00 Set a front stone 3x10x8  
ins. 12 ins. in the ground for  
1/4 Sec Cor. marked 1/4 on W.  
face and raised a mound  
of stone along side  
Pit impracticable

And along Bank of Arroyo

61.00 Road bet. N. W and S. E.

80.00 Set a post 4 ft. long 4 ins  
square with marked stone  
12 ins. in the ground for cor. to  
Secs 16-17-20-21 marked  
T 16 S. S. 16 on N. E.  
R. 31 E. S. 21 on S. E.  
S. 20 on S. W. and  
S. 17 on N. W. faces

J. 16 S. R. 3, E.

Chairs

with 3 notches on S, and 4  
notches on E. edges, dug  
pits 18x18x12 ins. in each Rec  
5 1/2 ft. dia and raised a  
mound of earth 2 ft. high  
4 1/2 ft. box around post

Land rolling

Soil 3' sat

Green food

From Mesquite Branch

---

East on a random line bet  
Rees 16 and 21

Var 120° 51' E.

40.00 Set temporary 7/4 Rec. Cor.

80.10 Intersect N + S line 20 lbs. of gear  
to Recs. 15-16-21-22

Thence I run

S 89° 51'

N. on a true line bet Sect

T. 16 S. R. 31 E.

Chains

16 and 21 with some cor

40.05 Deposited a marked stone  
12 ins. in the front for  $\frac{1}{4}$  sec  
Cor. dug pit 18 x 18 x 12 ins  
E. and W. of cor. 5  $\frac{1}{2}$  ft.

ditch and raised a mound  
of earth 1  $\frac{1}{2}$  ft. high 3  $\frac{1}{2}$  ft  
bore over it. In E. pit  
drew a stake 2 ft. long 2 ins  
square 12 ins. in the front  
marked  $\frac{1}{4}$  S. on N. face

So. 10 W. cor. to pces. 16-17-20-21

Land slightly rolling

Soil 3<sup>rd</sup> rate

grass good

Some mesquite

North bed Lies 16 and 17

Cor. 12048' E.

55

T. 16 S. R. 31 E.

Chairs

- 24.50 Old Road bis. N.E. and S.W.
- 40.00 Set a granite stone  $12 \times 12 \times 4$  ins. 8 ins in the ground for  $\frac{1}{4}$  Sec Cor. marked  $\frac{1}{4}$  on N. face, dug pit  $18 \times 18 \times 12$  ins N.W. of stone  $5\frac{1}{2}$  ft. dia and raised a mound of earth  $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. base along side
- 80.00 Set a granite stone  $15 \times 14 \times 7$  in 10 ins. in the ground for Cor to Sec 8-9-16-17 marked with 4 notches on S. and E. edges, dug pits  $18 \times 18 \times 12$  ins in each Sec.  $5\frac{1}{2}$  ft. dia and raised a mound of earth 2 ft. high  $4\frac{1}{2}$  ft. base along side
- Land nearly level  
Soil 3<sup>rd</sup> rate  
grass fair  
Some sage brush

J. 16 S. R. 31 E.

Chains

East on a pondown line  
bet Res 9 and 16

Var.  $12^{\circ} 51' E.$

23.00 Old road bet. N.  $15^{\circ} E$  & S.  $15^{\circ} W.$

40.00 Set temporary  $\frac{1}{4}$  Rec. Cor.

80.20 Interest N and S. line, 12 S of cor  
to Res. 9-10-15-16

Then a line

$S 89^{\circ} 55' W$  on line bet. Res 9-16 -  
with some var.

40.10 Deposited a marked stone 12 in  
in the ground for  $\frac{1}{4}$  Rec. Cor  
dug pit 18 x 18 x 12 ins E, and W.  
of Cor. 5  $\frac{1}{2}$  ft. dia and raised  
a mound of earth 1  $\frac{1}{2}$  ft. high  
8  $\frac{1}{2}$  ft. dia over it. In E. pit  
drove a stake 2 ft. long 2 ins  
square 12 ins in the ground  
marked  $\frac{1}{4}$  S. on N. face

80.20 Th. Cor to Res. 8-9-16-17

J. 16 S. R. 3, E.

Chain

Land slightly rolling  
 Soil 3<sup>d</sup> rate  
 Some Mesquites

---

North bet. Rice Sand 9  
 Cor. 120 51' E.

- 40.00 Deposited a marked stone  
 12 ins. in the ground for  $\frac{1}{4}$  RW  
 Cor. dug pit 18 x 18 x 12 ins. N and  
 S. of Cor. 5 $\frac{1}{2}$  ft. dia and  
 raised a mound of Earth 1 $\frac{1}{2}$   
 ft. high 3 $\frac{1}{2}$  ft. dia over it  
 In North pit drove a stake 2 ft  
 long 2 ins. square 12' ins. in  
 the ground marked  $\frac{1}{4}$  S. on  
 N. face
- 48.00 Arroyo 70 ft. wide Corner N. E.  
 80.00 Set a granite stone 12 x 10 x 7 ins.  
 8 ins. in the ground for cor to



T. 16 S. R. 3, E.

## Chains

Sies 4-5-8-9 marked with  
5 notches on S, and 4 notches  
on E. edges and raised a  
mound of stone along side  
Pits unpracticable

Level Slopes E.

Soil 3<sup>d</sup> rate

Grass good

Some Mesquite brush

East on a pondour line bet  
Sies 4 and 9

Cor.  $120^{\circ} 51' E.$

28.00 Arroyo 2<sup>d</sup> lks wide Course N. E.

40.00 Set temporary  $\frac{1}{4}$  Rec. Cor.

5.2. 6.0  
Road bet N. 8 + S. 7

80.10 Intersect N. S. line at 10 lks N.  
of Cor. to Sies. 3-4-9-10

Thence I run

N.  $89^{\circ} 56' N.$  on a true line

T. 16 S. R. 3, E.

Choir

bet Secs 4 and 9 with corner box  
 40.05- Set a front stone  $11 \times 6 \times 6$  ins  
 7 ins. in the ground for  $\frac{1}{4}$  Rec  
 Cor. marked  $\frac{1}{4}$  on N. face. dug  
 pits  $18 \times 18 \times 12$  ins E. & W. of  
 stone  $5\frac{1}{2}$  ft. dia and raised  
 a mound of earth  $1\frac{1}{2}$  ft. high  
 $3\frac{1}{2}$  ft. base along side

80.10 N. Cor. to Secs. 4-5-8-9

Land nearly level

Soil 3<sup>rd</sup> rate

Down Mesquite Wood

Good Grass

North on a tree line bet Secs 4-5

Cor.  $12^{\circ} 51' E.$ 

33.00 Arroyo 22 lbs with Corner N. E.

40.00 Set a front stone  $14 \times 10 \times 8$  ins 9  
 ins. in the ground for  $\frac{1}{4}$  Rec Cor.  
 marked  $\frac{1}{4}$  on W. face. dug pits

45.20 Road N. E. + S. W.

T. 16 S. R. 31 E.

Chairs

18 x 18 x 12 ins N and E. of stone  
5 1/2 ft. dia and raised a mound  
of earth 1 1/2 ft. high 3 1/2 ft.  
base along side

S 9.574 Intersect 3<sup>d</sup> standard. Parallel  
South 10.82 chs East of standard  
Cor. to Recs 32-33 which is  
a mound of earth 2 ft. high 4 1/2  
ft. base with pits N.E. and W. of  
Cor. and stake in E. pit marked  
S.C.T. 15 S. R. 31 E. on N.

S. 33 on E. and

S. 32 on N. faces with 4 notches  
on E. and 2 notches on W. faces.

When I set a point stone  
9 x 9 x 9 ins 6 ins. in the ground  
for closing Cor. to Recs. 4 and 5  
marked C.C. with 4 notches on E.  
and 2 notches on W. edges, dug  
pits 18 x 18 x 12 ins S. E. and W. of

J. 16 S. R. 31 E

chain

stone  $5\frac{1}{2}$  ft. dia., and raised  
a mound of earth 2 ft. high  $4\frac{1}{2}$   
ft. long along side

Land nearly level

Dir  $35^{\circ}$  N

Deer mesquite brush

---

Jan. 10 1884

From the ~~line~~ to Reco 5-6-31-32  
on south Bdy of Sp. previously  
set by me

I ran

North bet Reco 31 and 32

Dir.  $120^{\circ} 48' E.$

40.00 Set a granite stone  $18 \times 10 \times 7$   
ins. 12 ins. in the front for  $\frac{1}{4}$

No. 901

BOOK 901

60

T. 16 S. R. 3. E.

Chairs

Set cor. marked 1/4 on N.W.  
face and raised a mound  
of stone along side  
Pts. impracticable

80.00

Set a granite stone 12x10x6 ins  
8 ins. in the front for Cor to  
Arco 29-30-31-32 marked  
with 1 notch on N. and 5  
notches on E. edges. dug pits  
18x18x12 ins. in each Arc 5 1/2  
ft. dia and raised a mound  
of earth 2 1/2 ft high + 1 1/2 ft.  
base along side  
Land Rolling Valley  
Oil 2<sup>d</sup> rate  
Good grazing

---

East on a pondom line bet  
Arco 29-32 N. or 120 48' E

61

T. 16 S. R. 31 E.

Chain

33.00

Road from Galeyville to  
Don Simon station to N.E.  
and S.W.

Ascend along N. slope of mountain

40.00

Set temporary  $\frac{1}{4}$  sec. cor

65.00

Peak of mountain 10 chs. S.

80.14

Intersect N + S. line at cor  
to Pres. 28-29-32-33

Thence I run

N. on a true line but also  
29-32 with some Nov.

40.07

Set a granite stone  $17 \times 12 \times 8$  in  
11 ins. in the ground for  $\frac{1}{4}$  sec  
cor. marked  $\frac{1}{2}$  on N. face  
and raised a mound of  
stone alongside

Pit impracticable

80.14

The Cor to Pres. 29-30-31-32  
Sand <sup>33 chs</sup> pilling & <sup>47 chs</sup> mountainous  
Soil 2<sup>5</sup> & 4 cats. Good grass

T. 16 S. R. 31 E.

Chain

Went on a contour line

bet. Secs 30-31

Var. 120 4' E.

8.15 Wagon wash 80 lks wide

Corner N. E.

17.00 Clearing 50 lks wide Corner

N. 34° E.

40.00 Put temporary 1/4 sec. Cor

78.18 Intersect West Bdy of Tp  
28 lks. S. of Cor to Secs

25-30-31-36 previously

Set by me

Then on S. corner

S. 89° 48' E. on a true line

bet. Secs 30-31 with same Var

38.18 Set a granite stone 13x12x7

ins. 8 ins. in the ground

for 1/4 sec. Cor. marked 1/4

on N. face. dug pit 18x18

x 12 ins E &amp; W. of stone

T. 16 S. R. 3, E

Chairs

5 1/2 ft. dirt and raised on  
mound of earth 1 1/2 ft. high  
3 1/2 ft. base along side  
7 P. 18 the cor to pres. 29-30-31-32  
Sand ralling  
Soil 2<sup>5</sup> rot  
Fur grazing

---

North bit pres 29-30

Cor. 12° 48' E.

8.00 Track 150 chs. wide

Course N. 24° E.

40.00 Set a granite stone 18 x 8 x 5  
ins, 12 ins. in the ground for  
1/4 pres cor, marked 1/4 on W.  
face and raised a mound  
of straw along side.

Pits impracticable

42.80 Road bet. E and W.



T. 16. S. R. 3, E.

Chain

43.00 Arroyo from S. W. and  
Arroyo from N. join and  
flow E.

48.00 Drain Arroyo Course E.

60.00 Ascend Blue mountain  
bet. E. and W.

73.00 Juniper trees

89.00 Set a direction 24 x 15 x 8 in  
18 ins. in the ground for Co's  
Sec. 19-20-29-30 marked  
with 2 notches on S. and 5 notch  
on E. edges and raised a  
mound of stone alongside  
Site impracticable

Site in small gulch Course S. W.

Land <sup>600 ch.</sup> rolling and <sup>2000 ch.</sup> mountainous

Soil 2<sup>5</sup> and 3<sup>5</sup> rate

Good grazing

---

T. 16 S. R. 3, E.

Chains

East on a rangeland line bet  
Secs 20-29

Var.  $12^{\circ} 48' E.$

Along S. Slope Blue mountain

36.00 Mining shaft. 4.50 chs. S.

40.00 At temporary  $1/4$  Rec. cor

Ascend very steep slope

46.00 Descend abruptly

50.00 Leave E. end of Blue moun=  
tain bet. N. + S.

55.25 Road bet. N. + S.

68.00 White Tail Creek 2.00 chs.  
wide Corner  $18^{\circ} E.$

72.00 Road bet. N. E. + S. W.

80.14 Intersect N + S. line 22 chs N. from  
to Secs. 20-27-28-29

where I run

$26.89^{\circ} 51'$  Montrose line bet Secs  
20-29 with arrow Var.

40.07 Set a limestone, on very

J. 16 S. R. 31 E.

Choir

Steep slope  $12\frac{1}{2} \times 10 \times 6$  ins  
 8 ins. in the ground for  $\frac{1}{4}$   
 Sec. Cor. marked  $\frac{1}{4}$  on N face  
 and raised a mound of  
 stone along side

Pits impracticable

80.14 The Cor. to Secs. 19-20-29-30

Land <sup>5000</sup> mountainous & <sup>3000</sup> rolling  
 Soil 3' rate

Good grazing

Some Mosquito bunch

West on a rounded line bet  
 Secs. 19 and 30

Cor. 12.48' E.

2.50 Gulch 8 ft. deep corner S. W.

34.00 Leave steep descent

40.00 Set temporary  $\frac{1}{4}$  Sec. Cor.

58.00 Ascend Ridge bet N.W. & S. E.

## T. 16 S. R. 31 E.

Cherish

74.00

Top of Ridge and descend

78.10

Intersect West Bdy. of Twp  
10 lks. North of Cor. to Recs  
19-24-25-30 Recently  
set by me

Thence I run

N.  $89^{\circ} 56' E$ , on a true line  
bet. Secs. 19 and 30 with corner Va.

38.10

Set a limestone  $10 \times 10 \times 9$  ins  
 $7$  ins. in the ground for  $\frac{1}{4}$  Rec  
Cor. marked  $\frac{1}{4}$  on N. bar  
and raised a mound of  
stone alongside  
Set impracticable

78.10

The Cor. to Recs. 19-20-29-30  
Sand mountain and broken  
S. slope of Blue mountain  
Soil Rocky 4<sup>th</sup> rate  
Mesquite and Palo Verde

---

T. 16 S. R. 3, E.

Chain

North bek. sec. 19-20

Nor.  $12^{\circ} 48' E.$ 

Ascend

18.00 Top of Blue Mountain 500  
ft. high br. N.  $20^{\circ} W$  and  
S.  $20^{\circ} E.$  and descend

40.00 Set a limestone  $12 \times 10 \times 7$   
ins. 8 ins. in the ground for  
the Rec. Cov. marked  $\frac{1}{4}$  on W.  
face and raised a mound  
of straw along side  
Pit impracticable

76.00 Lean foot of mountain  
br. N. W. and S. E.

80.00 Set a granite stone  $15 \times 10 \times 10$   
ins. 10 ins. in the ground for Cov  
to sec. 17-18-19-20 marked  
with 3 notches on S, and 5  
notches on E, edges and  
raised a mound of straw

69

T. 16. S. R. 31 E

Chains

alongside, Pitts unpracticable  
 Land mountainous & broken  
 Soil 4 to 8 ft.  
Some mesquite brush

East on a random line  
 bet. Secs. 17-20

Cor.  $12^{\circ} 28' E$ .

- 40.00 Set temporary  $\frac{1}{4}$  Sec. Cor  
 54.00 Road bet. N.  $10^{\circ} W$  and S.  $10^{\circ} E$ .  
 62.00 Arroyo 75 lks wide. Course N. W.  
 75.00 Road bet. N and S.  
 80.10 Intersect N. and S. line, 36 lks N of Cor  
 to Secs. 16-17-20-21

thence I ran

N.  $89^{\circ} 45' N$  on true line bet Secs.

17-20 with some Cor.

- 40.05 Set a granite stone,  $17 \times 10 \times 9$   
 ins. 19 ins. in the ground for  
 $\frac{1}{4}$  Sec. Cor marked  $\frac{1}{4}$  on

T. 16 S. R. 31 E.

Chasin

N. face and several amount  
of ston along side  
Pit impracticable

80.10

The Cor. to Sec. 17-18-19-20  
Land ralling  
Soil 3<sup>d</sup> rate  
Grass good

---

West on a sandow line bet  
Secs. 18-19

Var. 13° or E.

7.07

Ascend <sup>Mountain</sup> N. W. and S. E.

40.00

Set temporary 1/4 Sec. Cor

54.00

Highest point on N. Slope of  
Mountain and descent

71.00

Leave foot of same br. N.E. &amp; S. W.

78.24

Intersect West Bds of Twp.  
16 bk. S. of Cor. to Secs 13-18-  
19-24 Recently set by me

71

T. 16 S. R. 31 E.

chains

Thence I ran  
S. 89° 53' E. on a true line  
bet Secs. 18-19 with some Var.

38.24 Set a granite stone 15-13x8  
ins. 10 ins. in the ground for  
1/4 Sec. Cor. marked 1/4 on  
N. face and raised a  
mound of stone alongside  
Pits impracticable

78.24 The Cor. to Secs. 17-18-19-20  
Sand ~~Block~~ Mountainous  
Soil 3<sup>d</sup> and 4<sup>d</sup> rats  
Gross food

---

North bet. Secs. 17-18  
Cor. 12° 48' E.

40.00 Deposited a marked stone  
12 ins. in the ground for 1/4  
Sec. Cor. dug pits 78x18x12



J. 16 S. R. 3, E.

Chain

W. and S. of Cor., 5 1/2 ft. ditch and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it

In N. pit drove a stake 2 ft. long 2 in. square 1 1/2 in. in the ground marked 1/4 S. on W. face

43.00 W. of Creek 58 lks wide Area N.E.

8.00 Set a granite stone 13 x 12 x 7 in. 8 in. in the ground for Cor. to Recs, 7-8-17-18 marked with 4 notches on S. and 5 notches on E. edges dug pits 18 x 18 x 12 in. in each Sec. 5 1/2 ft. ditch and raised a mound of earth 2 ft. high 4 1/2 ft. base along side Sound nearly level Soil 2<sup>5</sup> and 3<sup>5</sup> rate

73

T. 16 S. R. 3, E.

Chairs

Good grass  
Some Sage brush

---

East on a roundiron line  
bet. Secs 8 and 17

Var.  $120^{\circ} 48' E.$

- 28.00 Road from Gageville to Son  
Simon Station bet. N.W. & S.E.
- 40.00 Set temporary  $1/4$  Sec. Cor
- 42.00 Deep dry Creek 90 lbs wide  
Course North
- 64.00 Road bet N.W. and S. E.
- 80.15 Intersect N and S. line, 18 lbs  
N of Sec. 8-9-16-17  
Thence I run  
N  $89^{\circ} 52' W.$  on true line bet Sec 8  
& 17 with some Var.
- 40.07 Set a granite stone  $13 \times 11 \times 7$   
ins. 8 ins. in the ground

T. 16 S. R. 31 E.

Chains

for  $\frac{1}{4}$  Sec. Cor. marked  $\frac{1}{4}$   
 on N. face and raised a  
 mound of stone alongside  
 Pit - impracticable

80.15 The Cor. to Secs. 7-8-17-18

Land selling

Soil 2<sup>5</sup> rats

Good grass

Some sage brush

---

 Jan. 11<sup>th</sup> 1884

West on a random line  
 bet Secs. 7 and 18

Cor. 12° 51' E

40.00 Set temporary  $\frac{1}{4}$  Sec. Cor.78.16 Interest West Bdy. of Tp  
 at Cor. to Secs. 7-12-13-18

previously set by me  
 thence I run

E. on a true line bet Secs

75

T. 16 S. R. 31 E.

Chairs

- 38.16 7-18 with some iron  
 Deposited a marked stone  
 12 ins. in the ground for  $\frac{1}{4}$   
 Sec. Cor. dug pit - 18 x 18 x 12  
 ins E and W. of Cor. 5  $\frac{1}{2}$   
 ft. deep and raised a  
 mound of earth 1  $\frac{1}{2}$  ft. high  
 3  $\frac{1}{2}$  ft. over it. In E.  
 pit drove a stake 2 ft. long  
 2 ins. square 12 ins. in the  
 ground marked  $\frac{1}{4}$  S. on  
 N. face
- 78.16 The Cor. to Recs. 7-8-17-18  
 Land nearly level  
 Soil 2' and 3' rats  
 Good grass  
 Some sage brush
-

J. 16 S. R. 31 E.

Chains

North bek. Secs 7 and 8  
Cor. 12048' E.

32.00 Road bet. N. W. and S. E.

40.00 Deposited a marked stone  
12 ins. in the ground for  $\frac{1}{4}$   
Sec. Cor. dug pit 18 x 18 x 12  
ins N x S. of Cor. 5  $\frac{1}{2}$  ft.

dig and raised a mound  
of earth 1  $\frac{1}{2}$  ft. high 3  $\frac{1}{2}$  ft  
over it. In N. pit  
drove a stake 2 ft. long 2 ins  
square 12 ins. in the ground  
marked  $\frac{1}{4}$  S. on W. back

44.00 Aways 40 lks. wide  
Corner N. E.

80.00 Set a granite stone 12 x 9 x 8  
ins. 8 ins. in the ground  
for Cor. to Recs. 5-6-7-8  
marked with 5 notches  
on S. and E. edges. dug

77

T. 16 S. R. 31 E.

Chains

pits 18 x 18 x 12 ins. in  
 each sec. 5 1/2 ft. deep  
 and raised a mound  
 of earth 2 ft. high 4 1/2 ft  
 base along side  
 Land slightly rolling  
 Soil 2<sup>5</sup> rate  
 Some Mesquite brush

---

Each on a round timber  
 bet. Secs 5 and 8

Nor. 120 51. E.

- 40.00 Set temporary 1/4 Sec. Cor.  
 43.40 Arroyo 30 lks wide 6 ft. deep  
 Corner N. E.  
 57.50 Road bet. N and S.  
 79.90 Intersect N + S. line 37 lks N. Sec  
 to Secs. 4-5-8-9  
 then I run

77.89040: 77.

T. 16 S. R. 31 E.

78

Choirs

... on a true line bet Secs  
5 and 8 with some Var.

39.95 Set a granite stone  $16 \times 12 \times 7$  in  
11 in. in the ground for  $\frac{1}{4}$  Sec  
Cor. marked  $\frac{1}{4}$  on N. face  
dug pits  $18 \times 18 \times 12$  in E & W.  
of stone  $5\frac{1}{2}$  ft. dia and  
raised a mound of earth  
 $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. base  
along side

79.90 The Cor. to Secs. 5-6-7-8  
Land slightly rolling  
Soil 2<sup>nd</sup> rate  
Wear Mesquite brush

---

West on a random line  
bet Secs. 6 and 7

Var.  $12^{\circ} 21' E.$

16.00 Road bet. N. W and 8. E

X

T. 16 S. R. 31 E.

Chains

- 40.00 Set temporary  $\frac{1}{4}$  Sec. Cor.
- 78.10 Intersect West Bdy. of Sp  
28 lks. N. of Cor to lcs. 1-6-  
7-12 previously set by and  
thence I run  
N.  $89^{\circ} 48' E.$  on a true line  
but lcs. 6 and 7 with down bar.
- 38.10 Set a granite stone  $10 \times 6 \times 4$  ins  
7 ins. in the ground for  $\frac{1}{4}$   
Sec. Cor. marked  $\frac{1}{4}$  on W.  $\frac{1}{2}$   
face. dug pit  $18 \times 18 \times 12$  ins  
E & W. of stone  $5\frac{1}{2}$  ft. dia.  
and raised a mound of  
earth  $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft.  
been along side
- 78.10 The Cor. to lcs. 5-6-7-8  
Sand rolling  
Soil 3<sup>rd</sup> rate  
Gross jun  
Some mesquite



T. 16 S. R. 31 E.

chains

North on a true line bet  
Secs 5 and 6 Na. 12° 21' E

40.00 Deposited a marked stone  
12 ins. in the ground for  
1/4 Rec. Cor. dug pit 18 x 18 x  
12 ins N x S. of Cor 5 1/2 ft. dia  
and raised a mound of  
earth 1 1/2 ft. high 3 1/2 ft.

face over it  
In North pit drove a stake 2 ft. long & in square 12 ins. in the ground  
marked 1/4 Sec 5

89.24 Interest 3 Standard  
Parallel South 11, 20 Chs  
East of Standard Cor. to  
Secs. 31-32 which is a mound  
of earth 2 ft. high 4 1/2 ft. dia  
with pits N. E. & W. of Cor. and  
Stake in E. pit marked

T. 15 S. R. 31 E. S. C. on W.  
S. 32 on E. and

S. 31 on W. faces with 5 faces  
notches on E. and 1 notch on W. edges

J. 16 S. R. 31 E.

chains

When I set a ground  
 stone  $12 \times 7 \times 7$  ins for closing  
 Cor- to line, 5-6 marked  
 O. C., with 1 notch on ~~E~~<sup>W</sup> and  
 5 notches on E. edges.  
 dug pit  $18 \times 18 \times 12$  ins S. E. & W.  
 of stone  $5 \frac{1}{2}$  ft. dia and  
 raised a mound of loess  
 2 ft. high  $4 \frac{1}{2}$  ft. base along side  
 Sand rolling Soil 3rd rate  
 Grass good Some *Mery* etc.  
 July 12<sup>th</sup> 1884

I carefully examined the  
 adjustments of my Polar  
 instrument today particularly  
 the Latitude & Reversing  
 apparatus and found  
 them correct

## General Description

The South West  $\frac{1}{4}$  of this township is traversed by Blue Mountain, - a limestone Mountain showing some indication of Mineral but nothing of value as yet.

White Tail Creek also crosses some quarter. The remainder of the township slopes gradually East, and will make a fair grazing country. A road from Geleyville crosses the South end of the township while another from some place runs to Son Union Station on the Southern Pacific's R. R. The Springs and improvements

## General Description Cont.

Belonging to applicants  
for Darway  
are in S. E.  $\frac{1}{4}$  Sec. 32  
Soil 3<sup>rd</sup> rate  
Good grazing

U. S. Surveyor General's Office,

Tucson, Arizona, Mar. 19. 1884

The foregoing Field Notes of the Survey of the

Subdivision Lines of  
Township 16 South  
Range 31 East

Of the Gila and Salt River Base and Meridian, Arizona, execu-

ted by Walter B. Keil

Deputy Surveyor, under his contract of the 1st

day of October, 1883, having been

critically examined and the necessary corrections and explana-

tions made, the said Field Notes and the surveys they describe  
are hereby approved

Royce Johnson  
Surveyor General.