

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 4497

Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

Thomas Kinder

Known As The

Kinder #1, Kinder #2, Kinder #3, Kinder #1 Extension, Kinder #2
Extension and Kinder #3 Extension Lodes, Mogollon Mining District,
Coconino County, Arizona

Section 13, 14, 23 & 24, Township 11N., Range 14E., G&SRM

Surveyed under order dated June 1, 1959

by Harvey W. Smith
Mineral Surveyor.

Claim located Aug. 8, 1954

Survey commenced June 17, 1959

Survey completed June 24, 1959

Address of claimant Box 77, Heber, Arizona

DATES OF AMENDED LOCATIONS

None

SURVEY NO. 4497

(1)

CHAINS
FeetCHAINS
Feet

This survey was made with a C.L. Berger & Sons transit No. 15045, with horizontal limb $6\frac{1}{2}$ ins. diam., having two double opposite verniers, and full circle 5 ins. diam., having one double vernier, the verniers read to one minute arc. The instrument was in good condition at the time of the survey and all adjustments were in good order.

All azimuths in this record were determined by the method of horizontal-angles-right referred to the meridian established by direct observation on the sun: At 4:14 P.M. on June 22, 1959 at Cor. No. 2 of the Kinder #1 lode, latitude $34^{\circ}19'34.55''N.$, longitude $110^{\circ}49'8.85''W.$ turning from a reference point about 300 ft. northwest, clockwise to the sun in a west direction.

Set a galvanised iron pipe, 12 ins. in diameter, in a 15 pound concrete and rock base, firmly fastened to the reference point.

N. $30^{\circ}20'W.$

The lines were measured with a Lufkin steel tape, 300 ft. in length graduated every foot for 299 ft. and the remaining foot graduated to tenths and hundredths. The tape was compared to a standard at the beginning of the survey and found to be correct.

All lines and connections of this survey were run by direct method.

The magnetic declination observed at each corner of the survey gave a uniform value of $14^{\circ}15'E.$

Survey No. 4497
KINDER # 1 LODE

At Cor. No. 1 of the Kinder #1 lode, identical with Cor. No. 1, Sur. No. 4352, Campbell and Denison No. 9 lode.

Found a stone, 6x12 ins. in size, 10 ins. above ground, firmly set, marked and witnessed as described in the official record. Add marks MS 4497 K1 1.

The cor. of secs. 13, 14, 23, and 24, T.11N., R.14E., G.&S.R.B.&M. bears $S.21^{\circ}57'W.$, 91.85 ft. dist.; an iron post, 2 ins. diam. 12 ins. above ground, firmly set, marked and witnessed as described in the official record.

Cor. No. 1, Kinder #1 Extension lode, this survey, bears $N.67^{\circ}03'W.$, 499.02 ft. dist.

Cor. No. 1, Kinder #2 lode, this survey, bears $N.86^{\circ}34'30''W.$, 719.70 ft. dist.

A mound of stones constructed adjacent to the iron post.

Thence $S.59^{\circ}40'W.$

Intersect line between secs. 13 & 14; at a point from which the cor. of secs. 13, 14, 23 & 24 bears $S.0^{\circ}01'E.$, 65.09 ft. dist.

SURVEY NO. 4497

(2)

Chains Feet		Cords Feet
169.07	Intersect line between secs. 14 & 23; at a point from which the cor. of secs. 13, 14, 23 & 24 bears N.89°54'E., 111.59 ft. dist.	
298.35	Intersect line 1-2, Kinder #1 Extension lode; of this survey.	
300.0	Lode line; discovery point bears N.30°20'W., 780.0 ft. dist.	
598.32	<p>Cor. No. 2: Set a galvanized iron post, 18 ins. long, 3/4 in. diam. in a 15 pound concrete and rock base, 12 ins. in the ground, with a brass cap, 2 ins. diam., firmly fastened within the post; mkd. MS 4497 K 1 2 X; from which</p> <p>Cor. No. 1, Kinder #1 Extension lode of this survey, bears N.6°32'E., 499.99 ft. dist.</p> <p>A mound of stones constructed adjacent to the iron post.</p> <p>Thence N.30°24'W.</p>	
250.33	Intersect line between secs. 14 & 23, at a point from which the cor. of secs. 13, 14, 23, & 24 bears N.89°54'E., 608.75 ft. dist.	
400.00	Intersect line 4-1, Kinder #1 Extension lode common with line 1-2, Kinder #2 lode, both of this survey.	
1470.03	Improved dirt road bears N.74°15'E. and S.74°15'W.	
1500.03	<p>Cor. No. 3 identical with Cor. No. 2, Sur. No. 4352, Campbell and Denison No. 10 lode.</p> <p>Found a stone marker 8x16 ins. in size, 8 ins. above ground, firmly set, properly marked and witnessed as described in the official record. Add marks MS 4497 K1 3; from which</p> <p>Cor. No. 4 Kinder #2 lode of this survey, identical with Cor. No. 4, Sur. No. 4352, Campbell & Denison No. 11 lode, bears N.30°20'W., 399.98 ft. dist.</p> <p>A mound of stones constructed adjacent to the iron post.</p> <p>Thence N.59°40'E.</p>	
0.46	Intersect line 4-1, Kinder #2 lode of this survey.	
300.0	Lode line; discovery point bears S.30°20'E., 720.0 ft. dist.	
600.0	Cor. No. 4, identical with Cor. No. 1, Sur. No. 4352, Campbell and Denison No. 10 lode, Cor. No. 2, Sur. No. 4352, Campbell and Denison No. 9 Extension lode, Cor. No. 2, Sur.	

SURVEY NO. 44972

(3)

Chains- Feet	
	No.4352, Campbell and Denis on No.9 lode.
	<p>Found a stone marker, 6x12 ins. in size, 18 ins. above ground, firmly set, properly marked and witnessed as described in the official record. Add marks MS 4497 K14; from which</p> <p>A mound of stones constructed adjacent to the iron post.</p>
195.0	<p>The cor. of secs. 13, 14, 23 & 24, T.11N., R. 14E., G.&S.R.B.&M. bears S.30°20'E. 89 ft. dist. previously described.</p> <p>Improved dirt road bears N.74°15'E. and S.74°15'W.</p>
1431.94	<p>A mound of stones constructed adjacent to the</p> <p>Intersect line between secs. 13 & 14 at a point from which the cor. of secs. 13, 14, 23 & 24, bears S.0°01'E. 143.94 ft. dist. Thence N.30°24'W.</p>
1500.0	<p>Intersect line between the cor. of secs. 13, 14, 23 & 24 bears N.30°24'W. 143.94 ft. dist. previously described.</p> <p>Cor. No.1 and place of beginning.</p>
	<p>KINDER# 2 LODE</p>
	<p>At Cor. No.1, Kinder #2 lode on line 4-1, Kinder #1 Extension lode.</p>
	<p>Set a galvanized iron post, 18 ins. long, 3/4 in. diam., in a 15 pound concrete and rock base, 12 ins. in the ground, with a brass cap, 2 ins. diam., firmly fastened within the iron post; mkd. MS 4497 K2 1 X; from which</p> <p>The cor. of secs. 13, 14, 23, & 24, T.11N., R. 14E., G.&S.R.B.&M. bears S.79°23'E., 696.00 ft. dist.; previously described.</p> <p>Cor. No.1, Kinder #1 lode of this survey bears S.86°34'30"E., 719.70 ft. dist.</p> <p>A mound of stones constructed adjacent to the iron post.</p> <p>Thence S.59°40'W.</p>
0.46	<p>Intersect line 2-3 Kinder #1 lode of this survey.</p>
257.11	<p>Intersect line between secs. 14 & 23 at a point from which the cor. of secs. 13, 14, 23, & 24, bears N.89°54'E., 906.00 ft. dist. Campbell and Denis on No.9 lode.</p>
300.0	<p>Lode line; discovery point bears N.30°24'W., 930.0 ft. dist. firmly set, properly marked and witnessed as described in the official record. Add marks MS</p> <p>Cor. No.4, Kinder #1 Extension lode identical with Cor. No.1, Kinder #2 Extension lode, both of this survey,</p>
599.21	<p>A mound of stones constructed adjacent to the</p> <p>Cor. No.2, identical with Cor. No.1, Kinder #3 lode of</p>

Chains- Feet	
	<p>this survey, on line 4-1, Kinder #2 Extension lode of this survey.</p> <p>Set a galvanized iron post, 18 ins. long, 3/4 in. diam. in a 15 pound concrete and rock base, 12 ins. in the ground, with a brass cap, 2 ins. diam. firmly fastened within the iron post; mkd. MS 4497 K2 2 K3 1X; from which</p> <p>The cor. of secs. 13, 14, 23 & 24, T.11N., R. 14E., G.&S.R.B.&M. bears N.81°44'30"E., 1213.89 ft. dist.; previously described.</p> <p>A mound of stones constructed adjacent to the iron post.</p> <p>Thence N.30°26'W.</p>
199.58	Intersect line between secs. 14 & 23 at a point from which the cor. of secs. 13, 14, 23, & 24 bears N.89°54'E., 1302.36 ft. dist.; previously described.
1232.0	Improved dirt road bears N.74°15'E. and S.74°15'W.
1500.0	Cor. No. 3, on line 4-1, Sur. No. 4352, Campbell and Denison No. 11 lode.
	<p>Set a galvanized iron post, 18 ins. long, 3/4 in. diam., in a 15 pound concrete and rock base, 12 ins. in the ground, with a brass cap, firmly fastened within the iron post; mkd. MS 4497 K2 3 X; from which</p> <p>Cor. No. 1, Sur. No. 4352, Campbell and Denison No. 11 lode identical with Cor. No. 4, Sur. No. 4352, Campbell and Denison No. 12 lode bears S.59°40'W., 0.64 ft. dist.; a stone marker, firmly set, properly marked and witnessed as described in the official record.</p> <p>A mound of stones constructed adjacent to the iron post.</p> <p>Thence N.59°40'E.</p>
299.98	Lode line; discovery point bears S.30°24'E., 570.0 ft. dist.
599.98	Cor. No. 4, identical with Cor. No. 4, Sur. No. 4352, Campbell and Denison No. 11 lode, on line 2-3 Sur. No. 4352 Campbell and Denison No. 10 Lode.
	<p>Found a stone marker 8x12 ins. in size, 12 ins. above ground, firmly set, properly marked and witnessed as described in the official record. Add marks MS 4497 K2 4; from which</p> <p>A mound of stones constructed adjacent to the iron post.</p>

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Chains Feet	
	<p>Cor. No.3, Kinder #1 lode of this survey, identical with Cor. No.2, Sur. No.4352, Campbell and Denison No.10 lode, bears S.30°20'E., 399.98 ft. dist.</p> <p>Thence S.30°24'E.</p>
400.0	<p>Intersect line 3-4, Kinder #1 lode of this survey common with line 1-2 Sur. No.4352, Campbell and Denison No.10 lode at a point from which Cor. No.3 Kinder #1 lode of this survey identical with Cor. No.2, Sur. No.4352, Campbell and Denison No.10 lode, bears S.59°40'W., 0.46 ft. dist.</p>
430.0	<p>Improved dirt road bears N.74°15'E. and S.74°15'W.</p>
1500.0	<p>Cor. No.1 and place of beginning.</p>
KINDER #3 LODE	
<p>At Cor. No.1 of the Kinder #3 lode, identical with Cor. No.2, Kinder #2 lode of this survey; previously described.</p> <p>Thence S.59°40'W.</p>	
297.10	<p>Cor. No.4, Kinder #2 Extension lode identical with Cor. No.1, Kinder #3 Extension lode, both of this survey.</p>
300.0	<p>Lode line; discovery point bears N.30°26'W., 1460.0 ft. dist.</p>
596.09	<p>Cor. No.2 on line 4-1, Kinder #3 Extension lode of this survey.</p> <p>Set a galvanized iron post, 18 ins. long, 3/4 in. diam., in a 15 pound concrete and rock base, 12 ins. in the ground, with a brass cap, 2 ins. diam., firmly fastened within the iron post; mkd. MS 4497 K3 2 X; from which</p> <p>A mound of stones constructed adjacent to the iron post.</p> <p>Thence N.30°34'30"W.</p>
548.08	<p>Intersect line between secs. 14 & 23 at a point from which the cor. of secs. 13, 14, 23 & 24 bears N.89°54'E., 1994.58 ft. dist.; previously described.</p>
1350.11	<p>Improved dirt road bears N.67°E. and S.67°W.</p>
1500.11	<p>Cor. No.3, on line 4-1; Sur. No.4352, Campbell and Denison No.12 lode.</p>

Chains Feet	
	<p>Set a galvanized iron post, 18 ins. long, 3/4 in. diam., in a 15 pound concrete and rock base, 12 ins. in the ground, with a brass cap, 2 ins. diam., firmly fastened within the iron post; mkd. MS 4497 K3 3 X; from which</p> <p>Cor. No.1, Sur. No.4352, Campbell and Denison No.12 lode bears S.59°40'W., 1.18 ft. dist; a stone marker, firmly set, properly marked and witnessed as described in the official record.</p> <p>A mound of stones constructed adjacent to the iron post.</p> <p>Thence N.59°40'E.</p>
299.86	Lode line; discovery point bears S.30°26'E., 40 ft. dist.
599.22	Cor. No.4, Sur.No.4352, Campbell and Denison No.12 lode identical with Cor. No.1, Sur. No.4352, Campbell and Denison No.11 lode.
599.86	Cor. No.4 identical with Cor. No,3, Kinder #2 lode of this survey; previously described.
	Thence S.30°26'E.
268.0	Improved dirt road bears N.74°15'E. and S.74°15'W.
1300.42	Intersect line between secs. 14 & 23 at a point from which cor. of secs. 13, 14, 23 & 24, bears N.89°54'E., 1302.36 ft. dist.; previously described.
1500.0	Cor. No.1 and place of beginning.
<p>KINDER #1 EXTENSION LODE</p> <p>At Cor. No.1 of the Kinder #1 Extension lode</p> <p>Set a galvanized iron post, 18 ins; long, 3/4 in. diam., in a 15 pound concrete and rock base; 12 ins. in the ground with a brass cap, 2 ins. diam., firmly fastened within the iron post; mkd. MS 4497 K1E 1 X; from which</p> <p>The cor. of secs. 13, 14, 23 & 24, T.11N., R.14 E., G.&S.R.B.&M. bears S.56°39'30"E., 508.96 ft. dist., previously described.</p> <p>Cor. No.1, Kinder #1 lode of this survey bears S.67°03'E., 499.02 ft. dist.</p> <p>Cor. No.2 Kinder #1 lode of this survey bears S.6°32'W., 499.99 ft. dist.</p>	

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SURVEY NO. 4497

(7)

Chains- Feet		Feet
	<p>The cor. of secs. 13, 14, 23 & 24 bears N. 89° 54' E., 261.22 ft. dist.; previously described.</p> <p>A mound of stones constructed adjacent to the iron post.</p> <p>Thence S. 30° 20' E.</p>	
324.61	Intersect line between secs. 14 & 23 at a point from which the cor. of secs. 13, 14, 23 & 24 bears N. 89° 54' E., 261.22 ft. dist.; previously described.	
400.00	Intersect line 1-2, Kinder #1 lode of this survey.	
842.16	Intersect line between secs. 23 & 24; at a point from which the cor. of secs. 13, 14, 23 & 24 bears N. 0° 01' W., 447.11 ft. dist.	
1498.91	Cor. No. 2	
	<p>Set a galvanized iron post, 18 ins. long, 3/4 in. diam., in a 15 pound concrete and rock base, 12 ins. in the ground, with a brass cap, 2 ins. diam., firmly fastened within the iron post; mkd. MS 4497 K1E 2 X; from which</p> <p>A mound of stones constructed adjacent to the iron post.</p> <p>Thence S. 59° 40' W.</p>	
900.00	Lode line; discovery point bears N. 30° 20' W., 988.91 ft. dist.; previously described.	
384.03	Intersect line between secs. 23 & 24 at a point from which cor. of secs. 13, 14, 23 & 24 bears N. 0° 01' W., 1207.90 ft. dist.; previously described.	
599.92	Cor. No. 3 identical with Cor. No. 2, Kinder #2 Extension lode of this survey.	
	<p>Set a galvanized iron post, 18 ins. long, 3/4 in. diam., in a 15 pound concrete and rock base 12 ins. in the ground, with a brass cap, 2 ins. diam., firmly fastened within the iron post; mkd. MS 4497 K1E 3 K2E 2 X; from which</p> <p>A mound of stones constructed adjacent to the iron post.</p> <p>Thence N. 30° 20' W.</p>	
1499.04	Cor. No. 4 identical with Cor. No. 1, Kinder #2 Extension lode, on line 1-2, Kinder #2 lode, both of this survey.	
	<p>Set a galvanized iron post, 18 ins. long, 3/4 in. diam., in a 15 pound concrete and rock base, 12 ins. in the ground, with a brass cap, 2 ins. diam., firmly fastened within the iron post; mkd. MS 4497 K1E 4 K2E 1 X; from which</p>	

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(8)

Chains Feet	
	<p>The cor. of secs. 13, 14, 23 & 24, T.11N., R.14E., G.&S.R.B.&M. bears N.88°35'E., 943.34 ft. dist.; previously described.</p> <p>A mound of stones constructed adjacent to the iron post.</p>
42.89	<p>Intersect line between secs. 14 & 23 at a point from which the cor. of secs. 13, 14, 23, & 24 bears N.89°54'E., 906.00 ft. dist.; previously described.</p>
299.54	<p>Intersect line 2-3, Kinder #1 lode of this survey.</p>
300.0	<p>Lode line; discovery point bears S.30°20'E., 510.0 ft. dist.</p>
600.0	<p>Cor. No.1, Kinder #2 lode of the survey. Cor. No.1 and place of beginning.</p>
<p>KINDER #2 EXTENSION LODE</p>	
	<p>At Cor. No.1, Kinder #2 Extension lode, identical with Cor. No.4, Kinder #1 Extension lode, on the line 1-2, Kinder #2 lode, both of this survey; previously described.</p> <p>Thence S.30°20'E.</p>
1499.04	<p>Cor. No.2 identical with Cor. No.3, Kinder #1 Extension lode of this survey; previously described.</p>
299.21	<p>Lode line; discovery point bears N.30°20'W., 899.04 ft. dist.</p>
598.81	<p>Cor. No.3</p>
	<p>Set a galvanized iron post, 18 ins. long, 3/4 in. diam., in a 15 pound rock and concrete base, 12 ins. in the ground, with a brass cap, 2 ins. diam. firmly fastened within the iron post; mkd. MS 4497 K2E 3 X; from which</p> <p>A mound of stones constructed adjacent to the iron post.</p> <p>Thence N.30°14'30"W.</p>
1499.10	<p>Cor. No.4 identical with Cor. No.1, Kinder #3 Extension lode, on line 1-2 Kinder #3 lode, both of this survey.</p>
	<p>Set a galvanized iron post, 18 ins. long, 3/4 in. diam., in a 15 pound concrete and rock base, 12 ins. in the ground, with a brass cap, 2 ins. diam., firmly fastened within the iron post; mkd. MS 4497 K2E 4 K3E 1 X; from which</p>

SURVEY NO. 4497

(9)

Chains Feet	Feet
297.10	<p>The cor. of secs. 13, 14, 23 & 24, T.11N., R.14E., G. & S. R. B. & M. bears N.77°27'E., 1493.42 ft. dist.; previously described. A mound of stones constructed adjacent to the iron post.</p> <p>Thence N.59°40'E.</p>
596.31	<p>Lode line; discovery point bears S.30°20'E., 600.0 ft. dist.</p> <p>Cor. No.1, Kinder #3 lode identical with Cor. No.2, Kinder #2 lode both of this survey.</p> <p>Cor. No.1 and place of beginning.</p>
<p>KINDER #3 EXTENSION LODGE</p>	
1499.62	<p>At Cor. No.1 of the Kinder #3 Extension lode identical with Cor. No.4, Kinder #2 Extension lode, on line 1-2 Kinder #3 lode, both of this survey; previously described</p> <p>Thence S.14°40'W.</p>
423.53	<p>Cor. No.2</p> <p>Set a galvanized iron post, 18 ins. long, 3/4 in. diam. in a 15 pound concrete and rock base, 12 ins. in the ground, with a brass cap, 2 ins. diam., firmly fastened within the iron post; mkd. MS 4497 K3E 2 X; from which</p> <p>A mound of stones constructed adjacent to the iron post.</p> <p>Thence S.59°40'W.</p>
847.06	<p>Lode line; discovery point bears N.14°40'E., 1249.62 ft. dist.</p> <p>Cor. No.3</p> <p>Set a galvanized iron post, 18 ins. long, 3/4 in. diam., in a 15 pound concrete and rock base, 12 ins. in the ground, with a brass cap, 2 ins. diam., firmly fastened within the iron post; mkd. MS 4497 K3E 3 X; from which</p> <p>A mound of stones constructed adjacent to the iron post.</p> <p>Thence N.14°40'E.</p>

Chains Feet		Chains Feet
1499.62	Cor. No.4 Set a galvanized iron post, 18 ins. long, 3/4 in. diam., in a 15 pound concrete and rock base, 12 ins. in the ground, with a brass cap, 2 ins. diam., firmly fastened within the iron post; mkd MS 4497 K3E 4 X; from which a mound of stones constructed adjacent to the iron post.	
	Thence N.59°40'E.	297.10
423.53	Lode line; discovery point bears S.14°40'W., 250.0 ft. dist.	
548.07	Cor. No.2, Kinder #3 lode of this survey.	
847.06	Cor. No.1 and place of beginning.	

Survey No. 4497

	Acres
AREAS	
Total area Kinder #1 lode	20.632
" " " #2 "	20.648
Area in conflict with	
Sur. No.4352, Campbell and Denison No.16 lode	0.002
Kinder #1 lode of this survey	0.012
Total area Kinder #3 lode	20.592
Total area Kinder #1 Extension lode	20.646
Area in conflict with	
Kinder #1 lode of this survey	2.757
Total area Kinder #2 Extension lode	20.564
" " " #3 "	20.620

LOCATION

This survey is located in the SW $\frac{1}{4}$ Sec. 13, SE $\frac{1}{4}$ Sec. 14, NE $\frac{1}{4}$ Sec. 23 and NW $\frac{1}{4}$ Sec. 24 all of T.11N., R.14E., G.&S.R.B.&M., Arizona

The survey of the Kinder #s 1,2&3 and Kinder #s 1, 2,&3 Extension lodes is identical with the respective location as marked on the ground.

SURVEY NO. 4497

11

Chains
Feet

Feet

EXPENDITURES

The improvements and the value of the labor and improvements made upon or for the benefit of each of the lode locations embraced in said mining claim by the claimant or its grantors are as follows:

No. 1. The discovery point of the Kinder #1 lode is on the lode line 780.0 ft. from a point on line 1-2, 300.0 ft. from Cor. No. 1.

Value, None.

No. 2. A pit, the S.E. cor. of which bears N. 33° W., 1280.0 ft. dist. from Cor. No. 1 of the Kinder #1 lode; 12x20 ft., 4½ ft. deep.

Value, \$200.

No. 3. A trench, the west end of which bears N. 41° 30' W., 880 ft. dist. from Cor. No. 1 of the Kinder #1 lode; 12 ft. wide 1 ft. deep and running N. 22° E., 30 ft.

Value, \$20.

No. 4. A pit, the east end of which bears N. 38° 30' W., 862 ft. dist. from Cor. No. 1 of the Kinder #1 lode; 9x18 ft., 7 ft. deep.

Value, \$225.

No. 5. A pit, the S.E. cor. of which bears N. 42° W., 836 ft. dist. from Cor. No. 1 of the Kinder #1 lode; 3x5 ft., 6 ft. deep.

Value, \$75.

No. 6. A pit, the S.E. cor. of which bears N. 43° 30' W., 830 ft. dist., from Cor. No. 1 of the Kinder #1 lode; 3x3 ft., 6 ft. deep.

Value, \$60.

No. 7. A pit, the S.E. cor. of which bears N. 44° 30' W., 830 ft. dist., from Cor. No. 1 of the Kinder #1 lode; 8x8 ft., 4 ft. deep.

Value, \$75.

No. 8. A pit, the S.E. cor. of which bears N. 52° W., 990 ft. dist. from Cor. No. 1 of the Kinder #1 lode; 9x9 ft., 5 ft. deep.

Value, \$125.

No. 9. A trench, the S. end of which bears N. 56° W., 1160 ft. dist., from Cor. No. 1 of the Kinder #1 lode; 12 ft. wide, 1½ ft. deep and running N. 5° E., 30 ft.

Value, \$25.

No. 10. A trench, the S. end of which bears N. 56° 30' W., 1195 ft. dist. from Cor. No. 1 of the Kinder #1 lode; 12 ft. wide, 2 ft. deep and running N. 5° E., 30 ft.

Value, \$30.

Chains Feet	EXPLANATIONS	Feet
No.11	A pit, the S.E. cor. of which bears N.55°30'W., 1288 ft. dist. from Cor. No.1 of the Kinder #1 lode; 6x12 ft., 6 ft. deep. Value, \$125.	
No.1	The discovery point of the Kinder #2 lode is on the lode line 930 ft. from a point on line 1-2, 300.0 ft. from Cor. No.1. Value, None.	
No.2	A trench and pit, the N.E. cor. of which bears S.84°E., 90 ft. dist. from Cor. No.3 of the Kinder #2 lode; 12 ft. wide, 1½ ft. deep running S.45°W., 40 ft. at the S. end of which is a pit 6x6 ft. deep. Value, \$150.	
No.3	A trench, the north end of which bears N.88°E., 115 ft. dist. from Cor. No.3 of the Kinder #2 lode; 12 ft. wide, 1½ ft. deep and running S.10°E., 30 ft. Value, \$20.	
No.4	A trench, the north end of which bears N.86°E., 140 ft. dist. from Cor. No.3 of the Kinder #2 lode; 15 ft. wide 1½ ft. deep and running S.50°E., 50 ft. Value \$60.	
No.5	A trench, the west end of which bears S.68°E., 495 ft. dist. from Cor. No.3 of the Kinder #2 lode; 10 ft. wide 1½ ft. deep and running N.70°E., 165 ft. Value, \$175.	
No.6	A trench, the north end of which bears S.70°E., 600 ft. dist. from Cor. No.3 of the Kinder #2 lode; 12 ft. wide, 1½ ft. deep and running S.6°W., 45 ft. Value, \$50.	
No.7	A pit, the N.W. cor. of which bears S.71°E., 785 ft. dist. from Cor. No.3 of the Kinder #2 lode; 7x18 ft., 6 ft. deep. Value, \$175.	
No.8	A pit, the N.W. cor. of which bears S.69°30'E., 820 ft. dist. from Cor. No.3 of the Kinder #2 lode; 6x6 ft., 7 ft. deep. Value, \$120.	
No.1	The discovery point of the Kinder #3 lode is on the lode line 40 ft. from a point on line 3-4, 299.86 ft. from Cor. No.3. Value, None.	
No.2	A pit, the east end of which bears S.50°E., 50 ft. dist. from Cor. No.4 of the Kinder #3 lode; 4x16 ft., 3 ft. deep. Value, \$25.	

SURVEY NO. 4497

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Chains	Feet	Chains	Feet
No. 3	A trench, the N.E. end of which bears S.23°W., 350 ft. dist., from Cor. No.4 of the Kinder #3 lode; 2 ft. wide, 2 ft. deep and running S.77°W., 12 ft. Value, \$20.		
No. 4	A pit, the N.E. cor. of which bears S.56°W., 235 ft. dist. from Cor. No. 4 of the Kinder #3 lode; 15x15 ft., 5 ft. deep. Value, \$225.		
No. 5	A pit, the N.E. cor. of which bears S.47°W., 365 ft. from Cor. No.4 of the Kinder #3 lode; 4x6 ft., 5 ft. deep. Value, \$80.		
No. 6	A pit, the south end of which bears S.54°W., 435 ft. from Cor. No.4 of Kinder #3 lode; 4x15 ft., 4 ft. deep. Value, \$100.		
No. 7	A pit, the S.E. cor. of which bears S.58°W., 405 ft. dist. from Cor. No.4 of the Kinder #3 lode; 5x5 ft., 4 ft. deep. Value, \$60.		
No. 8	A pit, the east end of which bears S.55°30'W., 488 ft. dist. from Cor. No.4 of the Kinder #3 lode; 5x20 ft., 4 ft. deep. Value, \$125.		
No. 1	The discovery point of the Kinder #1 Extension lode is on the lode line 510 ft. from a point on line 4-1 300.0 ft. from Cor. No.4. Value, None.		
No. 2	A pit, the N.E. cor. of which bears S.43°W., 275 ft. dist. from Cor. No.1 of the Kinder #1 Extension lode; 3x3 ft., 3 ft. deep. Value, \$25.		
No. 3	A pit, the N.E. cor. of which bears S.40°30'W., 265 ft. dist. from Cor. No.1 of the Kinder #1 Extension lode; 3x3 ft., 3 ft. deep. Value, \$25.		
No. 4	A pit, the N.E. cor. of which bears S.39°30'W., 305 ft. dist. from Cor. No.1 of the Kinder #1 Extension lode; 3x15 ft., 4 ft. deep. Value, \$75.		
No. 5	A pit, the N.W. cor. of which bears S.54°E., 380 ft. dist. from Cor. No.4 of the Kinder #1 Extension lode; 4x4 ft., 4 ft. deep. Value, \$50.		
No. 6	A pit, the N.W. cor. of which bears S.56°30'E., 380 ft. dist. from Cor. No.4 of the Kinder #1 Extension lode; 5x5 ft., 6 ft. deep. Value, \$90.		

Chains
Feet

- No. 7 A pit, the N.W. cor. of which bears S.33°E., 405 ft. dist. from Cor. No. 4 of the Kinder #1 Extension lode; 9x9 ft., 3 ft. deep. Value \$40.
- No. 8 A pit, The N.W. cor. of which bears S.35°E., 415 ft. dist. from Cor. No. 4 of the Kinder #1 Extension lode; 5x15 ft., 3 ft. deep. Value, \$40.
- No. 9 A pit, the N.W. cor. of which bears S.38°E., 460 ft. dist. from Cor. No. 4 of the Kinder #1 Extension lode; 10x10 ft., 4 ft. deep. Value, \$75.
- No. 10 A pit, the N.W. cor. of which bears S.41°E., 545 ft. dist. from Cor. No. 4 of the Kinder #1 Extension lode; 7x15 ft., 5 ft. deep. Value, \$125.
- No. 11 A pit, the N.W. cor. of which bears S.43°E., 480 ft. dist. from Cor. No. 4 of the Kinder #1 Extension lode; 7x15 ft., 4 ft. deep. Value, \$100.
- No. 12 A pit, the N.W. cor. of which bears S.43°E., 490 ft. dist. from Cor. No. 4 of the Kinder #1 Extension lode; 6x15 ft., 4 ft. deep. Value, \$90.
- No. 13 A pit, the N.W. cor. of which bears S.53°E., 495 ft. dist. from Cor. No. 4 of the Kinder #1 Extension lode; 3x4 ft., 4 ft. deep. Value, \$60.
- No. 14 A pit, the N.W. cor. of which bears S.53°E., 475 ft. dist. from Cor. No. 4 of the Kinder #1 Extension lode; 7x7 ft., 4 ft. deep. Value, \$90.
- No. 1 The discovery point of the Kinder #2 Extension lode is on the lode line 600 ft. from a point on line 4-1, 297.10 ft. from Cor. No. 4. Value, None
- No. 2 A pit, the N.E. cor. of which bears S.24°E., 465 ft. dist. from Cor. No. 1 of the Kinder #2 Extension lode; 5x10 ft., 4 ft. deep. Value, \$100.
- No. 3 A pit, the N.E. cor. of which bears S.25°E., 450 ft. dist. from Cor. No. 1 of the Kinder #2 Extension lode; 10x5 ft., 3 ft. deep. Value, \$80.
- No. 4 A pit, the N.E. cor. of which bears S.20°30'E., 458 ft. dist. from Cor. No. 1 of the Kinder #2 Extension lode; 5x10 ft., 4 ft. deep. Value, \$100.

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Chains Feet	Chains Feet
No. 5	A pit, the N.W. end of which bears S.4°W., 465 ft. dist. from Cor. No. 1 of the Kinder #2 Extension lode; 7x15 ft., 5 ft. deep. Value, \$125.
No. 6	A pit, the N.W. cor. of which bears S.22°E., 578 ft. dist. from Cor. No. 1 of the Kinder #2 Extension lode; 7x20 ft., 5 ft. deep. Value, \$150.
No. 7	A pit, the N.E. cor. of which bears S.21°30'E., 590 ft. dist. from Cor. No. 1 of the Kinder #2 Extension lode; 6x15 ft., 5 ft. deep. Value, \$110.
No. 1	The discovery point of the Kinder #3 Extension lode is on the lode line, 250 ft. from a point on line 4-1, 423.53 ft. from Cor. No. 4. Value, None
No. 2	A pit, the east end of which bears S.45°W., 218 ft. dist. from Cor. No. 1 of the Kinder #3 Extension lode; 16x8 ft., 6 ft. deep. Value, \$175.
No. 3	A pit, the south end of which bears N.36°30'W., 350 ft. dist. from Cor. No. 2 of the Kinder #3 Extension lode; 6x18 ft., 5 ft. deep. Value, \$150.
No. 4	A pit, the north end of which bears N.39°W., 335 ft. dist. from Cor. No. 2 of the Kinder #3 Extension lode; 3x10 ft., 2 ft. deep. Value, \$35.
No. 5	A pit, the S.E. cor. of which bears N.35°W., 380 ft. dist. from Cor. No. 2 of the Kinder #3 Extension lode; 7x7 ft., 4 ft. deep. Value, \$60.
No. 6	A pit, the S.E. cor. of which bears N.32°30'W., 380 ft. dist. from a Cor. No. 2 of the Kinder #3 Extension lode; 4x4 ft., 4 ft. deep. Value, \$25.
No. 7	A pit, the S.E. cor. of which bears N.32°30'W., 385 ft. dist. from Cor. No. 2 of the Kinder #3 Extension lode; 7x15 ft., 5 ft. deep. Value, \$125.
No. 8	A pit, the S.W. cor. of which bears N.31°30'W., 390 ft. dist. from Cor. No. 2 of the Kinder #3 Extension lode; 2x10 ft., 2 ft. deep. Value, \$25.
No. 9	A pit, the S.W. cor. of which bears N.32°30'W., 415 ft. dist. from Cor. No. 2 of the Kinder #3 Extension lode; 2x10 ft., 2 ft. deep. Value, \$25.

Chains
Feet

Chains
Feet

No. 10 A pit, the S.W. cor. of which bears: N.29°30'W., 408 ft. dist. from Cor. No. 2 of the Kinder #3 Extension lode; 6x10 ft., 5 ft. deep. Value, \$90.

No. 11 A pit, the S.W. end of which bears N.40°30'W., 460 ft. dist. from Cor. No. 2 of the Kinder #3 Extension lode; 3x15 ft., 2 ft. deep. Value, \$25.

No. 12 A trench. The S.W. end of which bears N.45°W., 450 ft. dist. from Cor. No. 2 of the Kinder #3 Extension lode; 3 ft. wide, 3 ft. deep and running N.30°E., 33 ft. Value, \$45.

No. 13 A pit, the S. end of which bears N.41°30'W., 462 ft. from Cor. No. 2 of the Kinder #3 Extension lode; 4x15 ft., 3 ft. deep. Value, \$75.

OTHER IMPROVEMENTS

A frame house, the S.E. cor. of which bears N.32°30'W., 930 ft. dist. from Cor. No. 1 of the Kinder #1 lode; 24x24 ft. in size, the sides run E-W and N-S.

A frame house, the S.E. cor. of which bears N.57°30'W., 830 ft. dist. from Cor. No. 1 of the Kinder #1 lode; 12x21 ft. in size, the long sides bear N.70°W. Claimant herein.

A frame shed, the S.E. cor. of which bears N.38°30'W., 950 ft. from Cor. No. 1 of the Kinder #1 lode; 10x16 ft. in size, the long sides bear N-S. Claimant herein.

A frame shed, the S.E. cor. of which bears N.35°30'W., 1137 ft. dist. from Cor. No. 1 of the Kinder #1 lode; 8x10 ft. in size. Claimant herein.

A frame shed, the S.E. cor. of which bears N.37°W., 1028 ft. dist. from Cor. No. 1 of the Kinder #1 lode; 6x6 ft. in size. Claimant herein.

A frame shed, the S.E. cor. of which bears N.37°30'W., 1000 ft. dist. from Cor. No. 1 of the Kinder #1 lode; 7x8 ft. in size. Claimant herein.

OTHER CORNER DESCRIPTIONS & SUPPLEMENTAL DATA

Sur. No. 4352, all corners of this survey that are in common with Sur. No. 4497 were identified as stone markers as previously described.

Line 1-4, Campbell and Denton No. 12 lode, was found to be S.59°40'W., 600.40 ft. instead of S.59°40'W., 600.00 ft. as approved.

SURVEY NO. 4497

(17)

Chains
Feet

Line 1-4, Campbell and Denison No.11 lode was found to be S.59°40'W., 600.62 ft. instead of S.59°40'W., 600.0 ft. as approved.

Line 1-2, Campbell and Denison No.10 lode and line 1-2, Campbell and Denison No.9 lode are correct as approved.

FIELD ASSISTANTS

Name	Capacity
Russell Hart	Chainman
Felix Holly	Axeman

SURVEY NO. 1000

Chains	Chains Feet
<p>Line 1-1, Campbell and Denton No. 11 lode was found to be 2.50° 40' W., 600.62 ft. instead of 2.50° 40' W., 600.0 ft. as approved.</p>	
<p>Line 1-2, Campbell and Denton No. 13 lode and Line 1-2, Campbell and Denton No. 9 lode are correct as approved.</p>	
FIELD ASSISTANTS	
Capacity	Name
C. J. Hamman A. J. Hamman	Russell Hart Felix Kelly

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

Nov. 14, 1959

I, Harvey W. Smith,
 Mineral Surveyor, hereby certify upon honor that in pursuance of an order received from the Cadastral
Engineer, B.L.M., at Phoenix, Arizona
 dated June 1, 1959, I have faithfully and correctly executed the survey of
 the mining claim of Thomas Kinder
 known as the Kinder #1, Kinder #2, Kinder #3, Kinder #1 Extension, Kinder #2
Extension, and Kinder #3 Extension (Lode, placer or mill site) 13, 24,
 situate in Mogollon Mining District, Coconino County, Secs. 14 & 23,
 T. 11N., R. 14E., G.&S.R. Meridian, Arizona, and
(State)
 designated as Survey No. 4497, which is represented in the foregoing field notes as having been
 executed by me and under my direction, and that said survey has been made in strict conformity with said order,
 the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner
 described in the foregoing field notes, and I do further certify that the labor expended and improvements made
 upon or for the benefit of the Lode location(s) embraced in the said mining claim by
(Lode or placer)
 claimant(s) or his grantors are fully stated in my report therein, and that the character,
 extent, location, and itemized value thereof are specified therein with particularity and full detail, and that no
 portion of, or interest in, said labor and improvements so credited to this claim has been included in the estimate
 of expenditures upon any other claim.

Scottsdale, Arizona
(Place)

Harvey W. Smith
(Mineral Surveyor)
 Harvey W. Smith

CERTIFICATE OF APPROVAL

Bureau of Land Management--Survey Office
(Office)
Phoenix, Arizona February 25, 1960
(Place) (Date)

The foregoing field notes of mineral survey No. 4497, in Mogollon Mining District--
Secs. 13, 14, 23 & 24, T. 11 North, R. 14 East, Gila & Salt River Meridian,
Arizona, executed by Harvey W. Smith, Mineral Surveyor,
(State)
 under order dated June 1, 1959, having been critically examined and the necessary
 corrections made prior to their certification by the surveyor, the field notes and the survey therein described
 are hereby approved.

Lester S. Mann
 Lester S. Mann
 Office Cadastral Engineer
(Title)

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of field notes of the above described mineral survey No. _____
is a true copy of the original field notes.

(Title)

