

Form 4-683
(January 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Mineral Survey number

4681 A & B

State

Arizona

Land District

Arizona

FIELD NOTES

Of the Survey of the Mining Claim of *(name and address of Claimant)*

McAlester Fuel Company
c/o R. Lauren Moran, Attorney at Law
1201 First National Bank Building
Denver, Colorado 80202

Known as the, *(name of group, if any)*

CONSISTING OF LOCATIONS NAMED AND LOCATED AS FOLLOWS

NAME OF LOCATION	DATE	
	LOCATED	AMENDED
Zonia No. 26	9/1/67	10/13/67
ZONIA MILLSITE NO. 70	4/2/70	4/13/70
ZONIA MILLSITE NO. 71	4/2/70	4/13/70
ZONIA MILLSITE NO. 72	4/2/70	4/13/70
ZONIA MILLSITE NO. 73	4/2/70	4/13/70

Mining district Walnut Grove		County Yavapai	
Section 13 & 14	Township 11 North	Range 4 West	Meridian G&SR
Survey commenced 5/20/70		Survey completed 5/31/70	Survey under order dated 5/19/70
Name of Mineral Surveyor Harvey W. Smith			

TABLE

1. The first part of the table shows the results of the experiment. The second part shows the results of the calculation. The third part shows the results of the comparison. The fourth part shows the results of the discussion. The fifth part shows the results of the conclusion.

Item	Value	Unit	Remarks
1.0	10.0	cm	Length of the rod
2.0	20.0	cm	Length of the wire
3.0	30.0	cm	Length of the string
4.0	40.0	cm	Length of the tube
5.0	50.0	cm	Length of the cylinder

FEET

This survey was made with a Swiss Kern theodolite, Model DKM 1, No. 77769, having horizontal and vertical circles, 50 mm. in diam. The circles are graduated in degrees and 20-minute increments. An optical micrometer, adjustable to the vertical and horizontal circles, permits the reading of angles direct to ten-second accuracy and estimating to one-second accuracy. 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 8:23 a.m. on May 20, 1970, at Cor. No. 4 of the Zonia No. 26 Lode latitude $34^{\circ} 34' 37.9''$ N., longitude $112^{\circ} 39' 13.8''$ W., turning from a reference point about 500 ft. southeasterly, clockwise to the sun in a southeasterly direction.

True bearing of reference point: S. $52^{\circ} 37'$ E.

The lines were measured with a Lufkin steep tape 300 ft. in length, graduated every foot for 299 ft. and the remaining foot graduated to tenths and hundredths. One additional foot at the zero end is also graduated in tenths and hundredths. The tape was compared to a standard and found to be correct. All lines and connections of this survey were run by direct methods.

The magnetic declination observed at each corner of the survey gave a uniform value of $13^{\circ} 30'$ East.

SURVEY NO. 4681 A

Zonia No. 26 LODE

At Cor. No. 1 of the Zonia No. 26 Lode, identical with Cor. No. 4 of the ZONIA MILLSITE NO. 70 of this survey, Cor. No. 2, Sur. No. 4659 A and B, Victory Copper No. 1, One lode and Cor. No. 3, Sur. No. 4659 A and B, Shamrock lode.

This cor. falls into a waste water pond where a permanent monument cannot be established; from this point

A Witness Corner bears N. $52^{\circ} 37'$ W., 259.27 ft. dist., an iron post, $3/4$ in. diam., 12 ins. above ground, firmly set, mkd. MS 4659 A VC 1 W.C. S 3 W.C. X to which I add marks MS 4681 A & B Z26 1 W.C. ZMS 70 4 W.C.

The $1/4$ cor. of Secs. 11 and 12, T. 11 N., R. 4 W., G&SRM, bears N. $11^{\circ} 10' 40''$ E., 5505.80

FEET		
	<p>ft. dist.; a stone 8 ins. x 14 ins., 2 ins. above ground, mkd. 1/4.</p> <p>A wood post, 4 x 4 ins., 4 ft. above ground, sets adjacent to the iron post.</p> <p>Thence S. 52° 37' E.</p>	
300.0	Lode line; discovery point bears S. 40° 28' 45" W., 20.0 ft. dist.	
553.12	Intersect line 3-4, Sur. No. 1495, Navy No. 2 lode at a point from which Cor. No. 4, identical with Cor. No. 2, Navy No. 3 lode of the same survey, bears N. 35° 29' E., 21.05 ft. dist.	
600.0	<p>Cor. No. 2, on line 3-4 ZONIA MILLSITE NO. 70 of this survey.</p> <p>Set an iron post, 3/4 in. diam., 24 ins. long, in a 25 pound concrete and rock base, 12 ins. in the ground, with a brass cap, 2 ins. diam., firmly secured to the iron post, mkd. MS 4681 A Z 26 2 X; from which</p> <p>A wood post, 4 x 4 ins., 4 ft. above ground, sets adjacent to the iron post.</p> <p>Thence S. 40° 28' 45" W.</p>	
302.03	Intersect line 1-2, ZONIA MILLSITE NO. 73 of this survey.	
536.93	Intersect line 3-4, Sur. No. 1495, Navy No. 2 lode at a point from which Cor. No. 3 bears S. 35° 29' W., 336.13 ft. dist.	
951.16	Intersect line 2-3, Sur. No. 1495, Navy No. 2 lode at a point from which Cor. No. 2, identical with Cor. No. 3, Navy No. 1 lode and Cor. No. 4, Contact No. 1 lode, both of Sur. No. 1495, bears N. 60° 43' 10" W., 519.24 ft. dist.	
1052.03	Intersect line 3-4, ZONIA MILLSITE NO. 73 of this survey.	
1417.41	Intersect line 1-2, Sur. No. 1495, Navy No. 2 lode, identical with line 2-3, Navy No. 1 lode of the same survey, at a point from which Cor. No. 2, identical with Cor. No. 3, Navy No. 1 lode and Cor. No. 4, Contact No. 1 lode, both of Sur. No. 1495, bears N. 56° 10' W., 180.86 ft. dist.	
1498.45	<p>Cor. No. 3</p> <p>Set an iron post, 3/4 in. diam., 24 ins. long, in a 25 pound concrete and rock base, 12 ins. in the ground, with a brass cap, 2 ins. diam., firmly</p>	

FEET	
	<p>secured to the iron post, mkd. MS 4681 A Z 26 3 X; from which</p> <p>Cor. No. 2, Sur. No. 1495, Navy No. 2 lode, identical with Cor. No. 3, Navy No. 1 lode and Cor. No. 4, Contact No. 1 lode, all of the same survey, bears N. 31° 01' 15" W., 189.44 ft. dist.</p> <p>A wood post, 3 ins. diam., 4 ft. above ground, sets adjacent to the iron post.</p> <p style="text-align: center;">Thence N. 52° 37' W.</p>
203.87	<p>Intersect line 3-4, Sur. No. 1495, Navy No. 1 lode, identical with line 4-1, Contact No. 1 lode of the same survey, at a point from which Cor. No. 3, identical with Cor. No. 2, Navy No. 2 lode of the same survey and Cor. No. 4, Contact No. 1 lode, bears N. 59° 05' E., 75.04 ft. dist.</p>
300.0	<p>Lode line; discovery point bears N. 40° 28' 45" E., 1478.45 ft. dist.</p>
600.0	<p>Cor. No. 4, identical with Cor. No. 3, Sur. No. 4659 A Victory Copper No. 1, One lode.</p> <p>Found an iron post, 3/4 in. diam., 12 ins. above ground, with a brass cap, firmly set and properly mkd., to which I add marks MS 4681 A Z 26 4; from which</p> <p style="text-align: center;">A wood post, 4 x 4 ins., 4 ft. above ground, sets adjacent to the iron post.</p> <p style="text-align: center;">Thence N. 40° 28' 45" E.</p>
47.5	<p>Intersect line 3-4, Sur. No. 1495, Contact No. 1 lode at a point from which Cor. No. 4, identical with Cor. No. 2, Navy No. 2 lode and Cor. No. 3, Navy No. 1 lode, all of the same survey, bears S. 55° 38' 40" E., 421.88 ft. dist.</p>
1498.45	<p>Cor. No. 1, and place of beginning.</p>
SURVEY NO. 4681 B	
ZONIA MILLSITE NO. 70	
<p>At Cor. No. 1 of the ZONIA MILLSITE NO. 70, identical with Cor. No. 4 of the ZONIA MILLSITE NO. 71 of this survey.</p> <p>Set an iron post, 1 in. diam., 24 ins. long, in a 25 pound concrete and rock base, 12 ins. in the</p>	

(This form bound on left side)

FEET		
	<p>ground, with a brass cap, 2 ins. diam., firmly secured to the iron post, mkd. MS 4681 B ZMS 70 1 ZMS 71 4 X; from which</p> <p>The 1/4 cor. of Secs. 11 and 12 bears N. 9° 39' 50" E., 5236.47 ft. dist.; previously described.</p> <p>A wood post, 4 x 4 ins., 4 ft. above ground, sets adjacent to the iron post.</p> <p>Thence S. 52° 37' E.</p>	
12.06	Intersect line 2-3, Sur. No. 4659 A, Shamrock lode, at a point from which Cor. No. 3, identical with Cor. No. 2, Victory Copper No. 1, One lode of the same survey, Cor. No. 1, Zonia No. 26 lode of this survey and Cor. No. 4 of this MILLSITE, bears S. 40° 28' 45" W., 304.84 ft. dist.	
658.90	Intersect line 2-3, Sur. No. 1495, Navy No. 3 lode, at a point from which Cor. No. 2, identical with Cor. No. 4, Navy No. 2 lode of the same survey, bears S. 58° 45' 10" W., 304.27 ft. dist.	
680.0	<p>Cor. No. 2, on line 3-4 ZONIA MILLSITE NO. 71 of this survey.</p> <p>Set an iron post, 1 in. diam., 24 ins. long, in a 25 pound concrete and rock base, 12 ins. in the ground, with a brass cap, 2 ins. diam., firmly secured to the iron post, mkd. MS 4681 B ZMS 70 2 X; from which</p> <p>A wood post, 4 x 4 ins., 4 ft. above ground, sets adjacent to the iron post.</p> <p>Thence S. 38° 12' 40" W.</p>	
275.43	Intersect line 1-2, Sur. No. 1495, Navy No. 3 lode, identical with line 4-5, Navy No. 2 lode of the same survey, at a point from which Cor. No. 2, identical with Cor. No. 4, Navy No. 2 lode, bears N. 56° 10' W., 128.24 ft. dist.	
304.42	<p>Cor. No. 3</p> <p>Set an iron post, 3/4 in. diam., 24 ins. long, in a 25 pound concrete and rock base, 12 ins. in the ground, with a brass cap, 2 ins. diam., firmly secured to the iron post, mkd. MS 4681 B ZMS 70 3 X; from which</p> <p>Cor. No. 2, Sur. No. 1495, Navy No. 3 lode, identical with Cor. No. 4, Navy No. 2 lode of the same survey, bears N. 43° 15' W., 129.30 ft. dist.</p>	

FEET	
	<p>A wood post, 4 x 4 ins., 4 ft. above ground, sets adjacent to the iron post.</p> <p>Thence N. 52° 37' W.</p>
80.0	Cor. No. 2, Zonia No. 26 lode of this survey.
126.88	Intersect line 3-4, Sur. No. 1495, Navy No. 2 lode, at a point from which Cor. No. 4, identical with Cor. No. 2, Navy No. 3 lode of the same survey, bears N. 35° 29' E., 21.05 ft. dist.
680.0	Cor. No. 4, identical with Cor. No. 1 of the Zonia No. 26 lode of this survey, Cor. No. 2, Sur. No. 4659 A, Victory Copper No. 1, One lode and Cor. No. 3, Shamrock lode of the same survey.
	Thence N. 38° 12' 40" E.
304.42	Cor. No. 1, and place of beginning.
	The ZONIA MILLSITE NO. 70 contains 4.752 acres.
	ZONIA MILLSITE NO. 71
	At Cor. No. 1 of the ZONIA MILLSITE NO. 71, identical with Cor. No. 4 of the ZONIA MILLSITE NO. 72 of this survey.
	Set an iron post, 1 in. diam., 24 ins. long, in a 25 pound concrete and rock base, 12 ins. in the ground, with a brass cap, 2 ins. diam., firmly secured to the iron post, mkd. MS 4681 B ZMS 71 1 ZMS 72 4 X; from which
	The 1/4 cor. of Secs. 11 and 12 bears N. 8° 09' 15" E., 4996.35 ft. dist.; previously described.
	Cor. No. 3, Sur. No. 4659 A Shamrock lode, identical with Cor. No. 2 of the Victory Copper No. 1, One lode of the same survey, Cor. No. 1 of the Zonia No. 26 lode of this survey and Cor. No. 4 of the ZONIA MILLSITE NO. 70 of this survey, bears S. 38° 12' 40" W., 579.42 ft. dist.
	A wood post, 4 x 4 ins., 4 ft. above ground, sets adjacent to the iron post.
	Thence S. 52° 37' E.
22.97	Intersect line 2-3, Sur. No. 4659 A, Shamrock lode at a point from which Cor. No. 3, identical with Cor. No. 2, Victory Copper No. 1, One lode of the same survey, Cor. No. 1, Zonia No. 26 lode of this survey and Cor. No. 4 of the ZONIA MILLSITE

(This form bound on left side)

FEET		
	<p>NO. 70 of this survey, bears S. 40° 28' 45" W., 580.19 ft. dist.</p>	
762.28	<p>Intersect line 2-3, Sur. No. 1495, Navy No. 3 lode at a point from which Cor. No. 2, identical with Cor. No. 4, Navy No. 2 lode of the same survey, bears S. 58° 45' 10" W., 599.70 ft. dist.</p>	
780.0	<p>Cor. No. 2, on line 3-4 ZONIA MILLSITE NO. 72 of this survey.</p> <p>Set an iron post, 3/4 in. diam., 24 ins. long, in a 25 pound concrete and rock base, 12 ins. in the ground, with a brass cap, 2 ins. diam., firmly secured to the iron post, mkd. MS 4681 B ZMS 71 2 X; from which</p> <p style="padding-left: 40px;">A wood post, 4 x 4 ins., 4 ft. above ground, sets adjacent to the iron post.</p> <p style="padding-left: 40px;">Thence S. 38° 12' 40" W.</p>	
275.0	<p>Cor. No. 3</p> <p>Set an iron post, 1 in. diam., 24 ins. long, in a 25 pound concrete and rock base, 12 ins. in the ground, with a brass cap, 2 ins. diam., firmly secured to the iron post, mkd. MS 4681 B ZMS 71 3 X; from which</p> <p style="padding-left: 40px;">Cor. No. 2 Sur. No. 1495 Navy No. 3 lode, identical with Cor. No. 4 Navy No. 2 lode of the same survey, bears S. 76° 41' 30" W., 366.18 ft. dist.</p> <p style="padding-left: 40px;">A wood post, 4 x 4 ins., 4 ft. above ground, sets adjacent to the iron post.</p> <p style="padding-left: 40px;">Thence N. 52° 37' W.</p>	
100.0	<p>Cor. No. 2 ZONIA MILLSITE NO. 70 of this survey.</p>	
121.1	<p>Intersect line 2-3 Sur. No. 1495 Navy No. 3 lode at a point from which Cor. No. 2, identical with Cor. No. 4 Navy No. 2 lode of the same survey bears S. 58° 45' 10" W., 304.27 ft. dist.</p>	
767.94	<p>Intersect line 2-3 Sur. No. 4659 A Shamrock lode at a point from which Cor. No. 3, identical with Cor. No. 2, Victory Copper No. 1, One lode of the same survey, Cor. No. 1, Zonia No. 26 lode of this survey and Cor. No. 4 of ZONIA MILLSITE NO. 70 of this survey, bears S. 40° 28' 45" W., 304.84 ft. dist.</p>	
780.0	<p>Cor. No. 4, identical with Cor. No. 1 of the ZONIA MILLSITE NO. 70 of this survey.</p>	

FEET	
275.0	<p>Thence N. 38°12'40" E.</p> <p>Cor. No. 1, and place of beginning.</p> <p>The ZONIA MILLSITE NO. 71 contains 4.924 acres.</p>
	<p>ZONIA MILLSITE NO. 72</p> <p>At Cor. No. 1 of the ZONIA MILLSITE NO. 72, identical with Cor. No. 4, Sur. No. 3866 Sunrise No. 3 lode.</p> <p>Found an iron post, 3/4 in. diam., 16 ins. above ground, firmly set and properly mkd. to which I add marks MS 4681 B ZMS 72 1; from which</p> <p>The 1/4 cor. of Secs. 11 and 12 bears N. 6°39'20" E., 4781.87 ft. dist.; previously described.</p> <p>A good post, 4 x 4 ins., 4 ft. above ground, sets adjacent to the iron post.</p>
32.88	<p>Thence S. 52°37' E.</p> <p>Intersect line 2-3 Sur. No. 4659A Shamrock lode at a point from which Cor. No. 3, identical with Cor. No. 2 Victory Copper No. 1, One lode of the same Sur., Cor. No. 1 Zonia No. 26 lode of this Sur., and Cor. No. 4 ZONIA MILLSITE NO. 70 of this Sur., bears S. 40°28'45" W., 830.54 ft.</p>
301.77	<p>Intersect line 2-3 Sur. No. 3866 Sunrise No. 3 lode, identical with line 4-1 Sunrise No. 4 lode of the same survey at a point from which Cor. No. 3, identical with Cor. No. 4 Sunrise No. 4 lode, bears S. 42°19' W., 22.90 ft. dist.</p>
856.48	<p>Intersect line 2-3 Sur. No. 1495 Navy No. 3 lode at a point from which Cor. No. 3, identical with Cor. No. 4 Navy No. 4 lode of the same survey, bears N. 58°45'10" E., 117.21 ft. dist.</p>
860.0	<p>Cor. No. 2</p> <p>Set an iron post, 1 in. diam., 24 ins. long, in a 25 pound concrete and rock base, 12 ins. in the ground, with a brass cap, 2 ins. diam. firmly secured to the iron post, mkd. MS 4681 B ZMS 72 2X; from which</p> <p>Cor. No. 3 Sur. No. 3866 Sunrise No. 4 lode bears S. 8°30'35" W., 78.45 ft. dist.</p> <p>Cor. No. 3 Sur. No. 1495 Navy No. 3 lode, identical with Cor. No. 4 Navy No. 4 lode of the same survey, bears N. 57°07'55" E., 115.97 ft. dist.</p> <p>A wood post, 4 x 4 ins., 4 ft. above ground, sets adjacent to the iron post.</p> <p>Thence S. 38°12'40" W.</p>

(This form bound on left side)

FEET		
65.72	Intersect line 3-4 Sur. No. 3866 Sunrise No. 4 lode at a point from which Cor. No. 4, identical with Cor. No. 3 Sunrise No. 3 lode of the same survey, bears N. $48^{\circ}13'15''$ W., 560.90 ft. dist.	
250.0	<p>Cor. No. 3</p> <p>Set an iron post, 1 in. diam., 24 ins. long, in a 25 pound concrete and rock base, 12 ins. in the ground, with a brass cap, 2 ins. diam., firmly secured to the iron post, mkd. MS 4681 B ZMS 72 3 X; from which</p> <p style="padding-left: 40px;">A wood post, 4 x 4 ins., 4 ft. above ground, sets adjacent to the iron post.</p> <p style="padding-left: 80px;">Thence N. $52^{\circ}37'$ W.</p>	
80.0	Cor. No. 2 ZONIA MILLSITE NO. 71 of this survey.	
97.72	Intersect line 2-3 Sur. No. 1495 Navy No. 3 lode at a point from which Cor. No. 3, identical with Cor. No. 4 Navy No. 4 lode of the same survey, bears N. $58^{\circ}45'10''$ E., 385.64 ft. dist.	
837.03	Intersect line 2-3 Sur. No. 4659 A Shamrock lode at a point from which Cor. No. 3, identical with Cor. No. 2 Victory Copper No. 1, One lode of the same survey, Cor. No. 1 Zonia No. 26 lode of this survey and Cor. No. 4 ZONIA MILLSITE NO. 70 of this survey, bears S. $40^{\circ}28'45''$ W., 580.19 ft. dist.	
860.0	<p>Cor. No. 4, identical with Cor. No. 1 of the ZONIA MILLSITE NO. 71 of this survey.</p> <p style="padding-left: 80px;">Thence N. $38^{\circ}12'40''$ E.</p>	
250.0	<p>Cor. No. 1, and place of beginning.</p> <p>The ZONIA MILLSITE NO. 72 contains 4.935 acres.</p>	
ZONIA MILLSITE NO. 73		
At Cor. No. 1 of the ZONIA MILLSITE NO. 73.		
<p>Set an iron post, 1 in. diam., 24 ins. long, in a 25 pound concrete and rock base, 12 ins. in the ground, with a brass cap, 2 ins. diam., firmly secured to the iron post, mkd. MS 4681 B ZMS 73 1 X; from which</p> <p style="padding-left: 40px;">The 1/4 cor. of Secs. 11 and 12 bears N. $7^{\circ}36'30''$ E., 6039.47 ft. dist., previously described.</p>		

FEET		
	<p>A wood post, 4 x 4 ins., 4 ft. above ground, sets adjacent to the iron post.</p> <p>Thence S. 52° 37' E.</p>	
14.35	Intersect line 2-3 Zonia No. 26 lode of this survey.	
100.0	Cor. No. 2	
	<p>Set an iron post, 1 in. diam., 24 ins. long, in a 25 pound concrete and rock base, 12 ins. in the ground, with a brass cap, 2 ins. diam., firmly secured to the iron post, mkd. MS 4681 B ZMS 73 2 X; from which</p> <p>A wood post, 4 x 4 ins., 4 ft. above ground, sets adjacent to the iron post.</p> <p>Thence S. 40° 28' 45" W.</p>	
750.0	Cor. No. 3	
	<p>Set an iron post, 1 in. diam., 24 ins. long, in a 25 pound concrete and rock base, 12 ins. in the ground, with a brass cap, 2 ins. diam., firmly secured to the iron post, mkd. MS 4681 B ZMS 73 3 X; from which</p> <p>A wood post, 4 x 4 ins., 4 ft. above ground, sets adjacent to the iron post.</p> <p>Thence N. 52° 37' W.</p>	
85.65	Intersect line 2-3 Zonia No. 26 lode of this survey.	
100.0	Cor. No. 4	
	<p>Set an iron post, 1 in. diam., 24 ins. long, in a 25 pound concrete and rock base, 12 ins. in the ground, with a brass cap, 2 ins. diam., firmly secured to the iron post, mkd. MS 4681 B ZMS 73 4 X; from which</p> <p>Cor. No. 3 Sur. No. 1495 Navy No. 2 lode bears N. 54° 01' 10" E., 186.19 ft. dist.</p> <p>A wood post, 4 x 4 ins., 4 ft. above ground, sets adjacent to the iron post.</p> <p>Thence N. 40° 28' 45" E.</p>	
62.8	Intersect line 2-3 Sur. No. 1495 Navy No. 2 lode, at a point from which Cor. No. 3 bears N. 60° 43' 10" E., 126.0 ft. dist.	
679.74	Intersect line 3-4 Sur. No. 1495 Navy No. 2 lode at a point from which Cor. No. 3 bears S. 35° 29' W., 500.62 ft. dist.	

(This form bound on left side)

FEET 750.0	<p>Cor. No. 1, and place of beginning.</p> <p>The ZONIA MILLSITE NO. 73 contains 1.719 acres.</p>
	SURVEY NO. 4681 A and B
	AREAS
	Acres
	<u>20.609</u>
	Total area Zonia No. 26 lode
	Area in conflict with
	Sur. No. 1495 Contact No. 1 lode 0.546
	Sur. No. 1495 Navy No. 1 lode 0.330
	Sur. No. 1495 Navy No. 2 lode 1.250
	Total area ZONIA MILLSITE NO. 70 4.752
	Area in conflict with
	Sur. No. 1495 Navy No. 2 lode 0.073
	Sur. No. 1495 Navy No. 3 lode 0.473
	Sur. No. 4659 A Shamrock lode 0.042
	Total area ZONIA MILLSITE NO. 71 4.924
	Area in conflict with
	Sur. No. 1495 Navy No. 3 lode 0.438
	Sur. No. 4659 A Shamrock lode 0.111
	Total area ZONIA MILLSITE NO. 72 4.935
	Area in conflict with
	Sur. No. 1495 Navy No. 3 lode 0.291
	Sur. No. 3866 Sunrise No. 3 lode 0.079
	Sur. No. 3866 Sunrise No. 4 lode 0.568
	Sur. No. 3866 Sunrise No. 4 lode
	exclusive of its conflict with
	Sur. No. 1495 Navy No. 3 lode 0.545
	Sur. No. 4659A Shamrock lode 0.160
	Sur. No. 4659A Shamrock lode exclusive
	of its conflict with Sur. No. 3866
	Sunrise No. 3 lode 0.159
	Total area ZONIA MILLSITE NO. 73 1.719
	Area in conflict with
	Sur. No. 1495 Navy No. 2 lode 1.410
	Zonia No. 26 lode of this survey 0.247
	Zonia No. 26 lode of this survey exclusive
	of its conflict with Sur. No. 1495 Navy
	No. 2 lode 0.170
	LOCATION
	<p>This survey is located in the NE 1/4 and SE 1/4 Sec. 14 and the NW 1/4 and SW 1/4 Sec. 13 of T. 11 N., R. 4 W., G&SRM.</p> <p>The survey of the Zonia No. 26 lode and the ZONIA MILLSITES NOS. 70, 71, 72 and 73 is identical with the respective location or amended location as marked on the ground.</p>

FEET	EXPENDITURES
	<p>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:</p>
No. 1	<p>The discovery point of the Zonia No. 26 lode is on the lode line, 20 ft. from a point on line 1-2, 300.0 ft. from Cor. No. 1.</p> <p style="text-align: right;">Value: None</p>
No. 2	<p>A dozer cut, the SW. end of which bears N. 87° E., 360 ft. from Cor. No. 4 of the Zonia No. 26 lode, 12 ft. wide, 6 ft. av. depth, running N. 65° E., 75 ft.</p> <p style="text-align: right;">Value: \$200.00</p>
No. 3	<p>A drill hole, No. M111, 4 3/4 ins. diam., 288.5 ft. deep, bears N. 42° E., 562 ft. dist. from Cor. No. 4 Zonia No. 26 lode.</p> <p style="text-align: right;">Value: \$155.79</p>
No. 4	<p>A drill hole, No. F 180, 4 3/4 ins. diam., 120 ft. deep, bears N. 41° E., 680 ft. dist. from Cor. No. 4 Zonia No. 26 lode.</p> <p style="text-align: right;">Value: \$64.80</p>
No. 5	<p>A drill hole, No. F181, 4 3/4 ins. diam., 150 ft. deep, bears N. 45° 30' E., 675 ft. dist. from Cor. No. 4 Zonia No. 26 lode.</p> <p style="text-align: right;">Value: \$81.00</p>
No. 6	<p>A drill hole, No. F 182, 4 3/4 ins. diam., 160 ft. deep, bears N. 49° 30' E., 680 ft. dist. from Cor. No. 4 Zonia No. 26 lode.</p> <p style="text-align: right;">Value: \$86.40</p>
No. 7	<p>A drill hole, No. F 183, 4 3/4 ins. diam., 200 ft. deep, bears N. 52° 30' E., 680 ft. dist. from Cor. No. 4 Zonia No. 26 lode.</p> <p style="text-align: right;">Value: \$108.00</p>
No. 8	<p>A drill hole, No. M101, 4 3/4 ins. diam., 255 ft. deep, bears N. 40° 30' E., 750 ft. dist. from Cor. No. 4 Zonia No. 26 lode.</p> <p style="text-align: right;">Value: \$137.70</p>
No. 9	<p>A drill hole, No. M108, 4 3/4 ins. diam., 208 ft. deep, bears S. 35° 30' W., 530 ft. dist. from Cor. No. 1 Zonia No. 26 lode.</p> <p style="text-align: right;">Value: \$112.32</p>
No. 10	<p>A drill hole, No. 204, 4 3/4 ins. diam., 200 ft. deep, bears S. 40° 25' W., 410 ft. dist. from Cor. No. 1 Zonia No. 26 lode.</p> <p style="text-align: right;">Value: \$108.00</p>

FEET		
No. 11	A drill hole, No. F 165, 4 3/4 ins. diam., 100 ft. deep, bears S. 33° W., 430 ft. dist. from Cor. No. 1 Zonia No. 26 lode. Value: \$108.00	
No. 12	A drill hole, No. F 185, 4 3/4 ins. diam., 140 ft. deep, bears S. 27° W., 440 ft. dist. from Cor. No. 1 Zonia No. 26 lode. Value: \$75.60	
No. 13	A drill hole, No. F 159, 4 3/4 ins. diam., 200 ft. deep, bears S. 22° W., 240 ft. dist. from Cor. No. 1 Zonia No. 26 lode. Value: \$108.00	
No. 14	A drill hole, No. M106, 4 3/4 ins. diam., 176 ft. deep, bears S. 6° 30' W., 155 ft. dist. from Cor. No. 1 Zonia No. 26 lode. Value: \$95.04	
No. 15	A drill hole, No. F 184, 4 3/4 ins. diam., 110 ft. deep, bears S. 13° W., 495 ft. dist. from Cor. No. 1 Zonia No. 26 lode. Value: \$59.40	
OTHER IMPROVEMENTS		
None		
OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA		
<p>Sur. No. 1495 Contact No. 1 lode: Cor. No. 3 is a stone monument with an iron post, 1 in. diam., 24 ins. above ground. Cor. No. 4, identical with Cor. No. 3, Navy No. 1 lode and Cor. No. 2 Navy No. 2 lode, all of the same survey, is a stone monument with a wood post, 4 x 4 ins., 4 ft. above ground. Adjacent to this monument was an old piece of post, with some lettering barely discernible, which may have been the original monument. Line 3-4 was found to be S. 55° 38' 40" E., 597.92 ft., instead of S. 56° 10' E., 600.0 ft. as approved. Line 4-1, identical with Line 3-4 Navy No. 1 lode of the same survey is shown as approved.</p>		
<p>Sur. No. 1495 Navy No. 1 lode: Cor. No. 3, identical with Cor. No. 3 Contact No. 1 lode and Cor. No. 2 Navy No. 2 lode, all of the same survey, described above. Line 2-3, identical with line 1-2 Navy No. 2 lode, shown as approved. Line 3-4, identical with line 4-1 Contact No. 1 lode of the same survey, described above.</p>		
<p>Sur. No. 1495 Navy No. 2 lode: Cor. No. 2, identical with Cor. No. 3 Navy No. 1 lode and Cor. No. 4 Contact No. 1 lode, all of the same survey,</p>		

FEET	
	<p>described above. Cor. No. 3 is shown in a ravine but no evidence of it could be found. Cor. No. 4, identical with Cor. No. 2 Navy No. 3 lode, of the same survey, is a stone monument with an iron post, 1 in. diam., 24 ins. above ground. Line 1-2, identical with line 2-3 Navy No. 1 lode, of the same survey, described above. Lines 2-3 and 3-4 were established by proportion using the actual bearing and distance found between Cors. 2 and 4. Line 2-3 was found to be N. 60° 43' 10" E., 603.84 ft. instead of N. 59° 05' E., 600.0 ft. as approved. Line 3-4 was found to be N. 35° 29' E., 894.0 ft. instead of N. 33° 50' E., 900.0 ft. as approved. Line 4-5, identical with 1-2 Navy No. 3 lode, of the same survey, is shown as approved.</p> <p>Sur. No. 1495 Navy No. 3 lode: Cor. No. 2, identical with Cor. No. 4 Navy No. 2 lode, of the same survey, described above. Cor. No. 3, identical with Cor. No. 4 Navy No. 4 lode of the same survey, is a stone monument with an iron post, 1 in. diam., 24 ins. above ground. Line 1-2, identical with line 4-5 Navy No. 2 lode, of the same survey, described above. Line 2-3 was found to be N. 58° 45' 10" E., 985.34 ft. instead of N. 57° 50' E., 900.0 ft. as approved.</p> <p>Sur. No. 3866 Sunrise No. 3 lode: Cor. No. 3, identical with Cor. No. 4 Sunrise No. 4 lode of the same survey, is an iron post with a brass cap, firmly set and properly marked. Cor. No. 4, identical with Cor. No. 1 ZONIA MILLSITE NO. 72 of this survey, described above. Line 2-3, identical with line 4-1 Sunrise No. 4 lode, of the same survey, is shown as approved. Line 3-4 was found to be N. 48° 13' 15" W., 300.66 ft. instead of N. 48° 16' W., 300.41 ft. as approved. Line 4-1 is shown as approved under Sur. No. 4659 A.</p> <p>Sur. No. 3866 Sunrise No. 4 lode: Cor. No. 3 is an iron post, firmly set and properly marked. Cor. No. 4, identical with Cor. No. 3 Sunrise No. 3 lode, of the same survey, described above. Line 2-3 is shown as approved. Line 3-4 was found to be N. 48° 13' 15" W., 599.84 ft., instead of N. 48° 16' W., 599.46 ft. as approved. Line 4-1, identical with line 2-3 Sunrise No. 3 lode, of the same survey, described above.</p> <p>Sur. No. 4659 A Shamrock lode: Cor. No. 2, identical with Cor. No. 4 Zonia XXXX lode, of the same survey, is an iron post with brass cap firmly set and properly marked. Cor. No. 3, identical with Cor. No. 2 Victor Copper No. 1, One lode of the same survey, Cor. No. 1 Zonia No. 26 lode of this survey and Cor. No. 4 ZONIA MILLSITE NO. 70 of this survey, described above. Line 2-3 was found to be</p>

(This form bound on left side)

<p>F E E T</p>	<p>correct as approved. Line 3-4, identical with line 1-2, Victory Copper No. 1, One lode, was found to be correct as approved.</p> <p>Sur. No. 4659 A Victory Copper No. 1, One lode: Cor. No. 2, identical with Cor. No. 3 Shamrock lode of the same survey, Zonia No. 26 lode of this survey and Cor. No. 4 ZONIA MILLSITE NO. 70 of this survey, described above. Cor. No. 3, identical with Cor. No. 4 Zonia No. 26 lode of this survey, described above. Line 1-2, identical with line 3-4 Shamrock lode, of the same survey, described above. Line 2-3, identical with line 4-1 Zonia No. 26 lode, of this survey, was found to be correct as approved.</p> <p>A diligent search was made for the 1/4 cor. of Secs. 13 and 14 but it could not be found.</p>				
<p style="text-align: center;">FIELD ASSISTANTS</p>					
<table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid black;"><u>Name</u></th> <th style="text-align: left; border-bottom: 1px solid black;"><u>Capacity</u></th> </tr> </thead> <tbody> <tr> <td>George Erickson</td> <td>Chainman-Axeman</td> </tr> </tbody> </table>		<u>Name</u>	<u>Capacity</u>	George Erickson	Chainman-Axeman
<u>Name</u>	<u>Capacity</u>				
George Erickson	Chainman-Axeman				

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

Name of Mineral Surveyor Harvey W. Smith	Date July 15, 1970
--	------------------------------

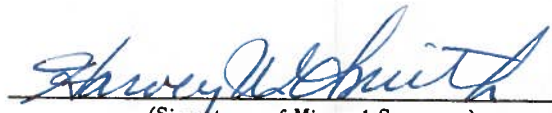
I HEREBY CERTIFY That in pursuance of an order received from the Chief, Division of Engineering, Bureau of Land Management, at Phoenix, Arizona, dated May 19, 1970, I have carefully executed the survey of the claim of McAlester Fuel Company known as the (lode, placer, or mill site) Zonia No. 26 lode & ZONIA MILLSITES NOS. 70-73, situated in Yavapai County, Secs. 13 & 14, Township 11 N., Range 4 W., G&SR Meridian, in the State of Arizona.

This survey, designated as number 4681 A & B, has been executed by me and under my direction and has been made in strict conformity with said order, the Manual of Instructions for the Survey of Public Lands of the United States, and in specific manner described in the foregoing field notes.

I FURTHER CERTIFY That the labor expended and improvements made upon and for the benefit of the (lode or placer) Zonia No. 26 lode location(s) embraced in the said mining claim by claimant(s) or their grantors are fully stated in my report. The character, extent, location, and itemized value are specified in full detail. 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

(Location)



(Signature of Mineral Surveyor)

Harvey W. Smith

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT

Office
Arizona State Office

Location
Phoenix, Arizona

Date
September 25, 1970

The foregoing field notes of mineral survey number 4681 A&B, in Sections 13 and 14, Range 4 W., Gila & Salt River Meridian, in the State of Arizona, surveyed unsurveyed Township 11 N., executed by Harvey W. Smith, Mineral Surveyor, under order dated May 19, 1970, 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.



Joe T. Fallini (Authorized Signature)

State Director

(Title)

CERTIFICATE OF TRANSCRIPT

I HEREBY CERTIFY That the foregoing transcript of field notes of the above described mineral survey number is a true copy of the original field notes.

(Authorized Signature)

(Title)

Title 18, U.S.C. section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

Handwritten text at the top of the page, possibly a title or introductory paragraph.

Second section of handwritten text, appearing as several lines of notes or a list.

Handwritten signature or name in the middle of the page.

Third section of handwritten text, continuing the notes or list.

Bottom section of handwritten text, possibly concluding the document.

FEET	
Field Note Page No.	<p>In 1971-72, the Bureau of Land Management executed a dependent resurvey of a portion of the subdivisional lines of Township 11 North, Range 4 West, G&SRM, Arizona, which resulted in a difference in position of the 1/4 sec. cor. of Sections 11 and 12, T. 11 N., R. 4 W., G&SRM, Arizona, from the position of this 1/4 sec. cor. as reported in the returns of Mineral Survey No. 4681 A&B, executed by me in 1969.</p> <p>On March 21, 1972, I resurveyed the ties from the corners of the lodes and millsites as reported in the returns of M. S. #4681 A&B to the 1/4 sec. cor. of Sections 11 and 12, T. 11 N., R. 4 W., G&SRM, Arizona, as located and monumented by the 1971-72 resurvey by the Bureau of Land Management.</p> <p>As a result of my resurvey of these ties, the Field Notes of M. S. #4681 A&B are amended as follows:</p> <p><u>Amended Description of Tie to 1/4 sec. cor. of Secs. 11 and 12</u></p> <p>1 (from Cor. No. 1 of the Zonia No. 26 Lode, identical with Cor. No. 4 of the ZONIA MILLSITE NO. 70 of this survey, Cor. No. 2, Sur. No. 4659 A and B, Victory Copper No. 1, One lode and Cor. No. 3, Sur. No. 4659 A and B, Shamrock lode)</p> <p style="padding-left: 40px;">The 1/4 cor. of secs. 11 and 12, bears N. 1° 53' 54" E., 5,024.87 ft. dist.; an iron post, set 16 ins. in the ground, with mound of stone to top, brass cap mkd. T11N R4W 1/4 S11 S12 1971.</p> <p>4 (from Cor. No. 1 of the ZONIA MILLSITE NO. 70, identical with Cor. No. 4 of the ZONIA MILLSITE NO. 71 of this survey)</p> <p style="padding-left: 40px;">The 1/4 cor. of secs. 11 and 12 bears N. 0° 15' 42" W., 4,782.96 ft. dist., previously described.</p> <p>5 (from Cor. No. 1 of the ZONIA MILLSITE NO. 71, identical with Cor. No. 4 of the ZONIA MILLSITE NO. 72 of this survey)</p> <p style="padding-left: 40px;">The 1/4 cor. of secs. 11 and 12 bears N. 2° 24' 24" W., 4,570.87 ft. dist., previously described.</p> <p>7 (from Cor. No. 1 of the ZONIA MILLSITE NO. 72, identical with Cor. No. 4, Sur. No. 3866 Sunrise No. 3 lode)</p> <p style="padding-left: 40px;">The 1/4 cor. of secs. 11 and 12 bears N. 4° 32' 03" W., 4,384.12 ft. dist., previously described.</p>

(This form bound on left side)

FEET		
<u>Field Note Page No.</u>		
8	<p>(from Cor. No. 1 of the ZONIA MILLSITE NO. 73)</p> <p>The 1/4 cor. of secs. 11 and 12 bears N. 1° 03' 02" W., 5,608.36 ft. dist., previously described.</p>	

Form 3400-8
(August 1967)
(formerly 4-686)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR


Name of Mineral Surveyor Harvey W. Smith	Date April 14, 1972
--	-------------------------------

I HEREBY CERTIFY That in pursuance of an ^{Amended} order received from the Bureau of Land Management at **Phoenix, Arizona**, dated **March 14**, 1972, I have carefully executed the ^{Amended} survey of the claim of **McAlester Fuel Company** known as the (lode, placer, or mill site) **See below*** situated in **Sections 13 and 14**, Township **11 N.**, Range **4 W.**, **Gila and Salt River** Meridian, in the State of **Arizona**.

This survey, designated as number **4681 A&B** ^{AMD}, has been executed by me and under my direction and has been made in strict conformity with said order, the Manual of Instructions for the Survey of Public Lands of the United States, and in specific manner described in the foregoing field notes.

I FURTHER CERTIFY That the labor expended and improvements made upon and for the benefit of the (lode or placer) **lode** location(s) embraced in the said mining claim by claimant(s) or its grantors are fully stated in my report. The character, extent, location, and itemized value are specified in full detail. 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.

*Zonia No. 26 Lode and ZONIA MILLSITES NOS. 70 thru 73.

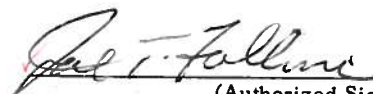
Paradise Valley, Arizona (Location)	 (Signature of Mineral Surveyor)
---	---

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT

Office Arizona State Office
Location Phoenix, Arizona
Date August 25, 1972

The foregoing field notes of mineral survey number **4681 A&B** ^{AMD}, in **Sections 13 and 14**, Range **4 W.**, **Gila and Salt River** Meridian, in the State of **Arizona**, surveyed unsurveyed Township **11 N.**, executed by **Harvey W. Smith**, Mineral Surveyor, under ^{amended order} order dated **March 14**, 1972, 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.

 Joe T. Fallini (Authorized Signature)	State Director (Title)
--	----------------------------------

CERTIFICATE OF TRANSCRIPT

I HEREBY CERTIFY That the foregoing transcript of field notes of the above described mineral survey number _____ is a true copy of the original field notes.

(Authorized Signature)	(Title)
------------------------	---------

Title 18, U.S.C. section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

