

ESTABLISHMENT OF  $\frac{1}{4}$  SECTION CORNERS ON  
NORTH BOUNDARY OF T. 46 N., R. 59 E.

75  
679

Chains

from which

A mahogany, 10 ins. diam., bears S.70°E., 5 lks. dist.,  
mkd.  $\frac{1}{4}$  S5 BT.

No other suitable tree available.

raise a mound  
of stone, 3 ft. base, 2 $\frac{1}{2}$  ft. high, S. of cor.

At a point S.89°56'W., 40.00 chs. dist. from the closing  
cor. of secs. 5 and 6, and N.89°56'E., 4.78 chs. dist.  
from the  $\frac{1}{4}$  sec. cor. of sec. 31, T. 47 N., R. 59 E., an  
iron post, 1 in. diam., 12 ins. above ground, mkd. and  
witnessed as described in the official record,

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the  
ground, to bedrock, and in a mound of stone to top, for  
the  $\frac{1}{4}$  sec. cor. for sec. 6, with brass cap mkd.

$\frac{1}{4}$  S6

1937

raise a mound  
of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, S. of cor.

A flat stone scribed F S M -B 7  $\frac{3}{4}$  with a pole sup-  
ported by a mound of rock, bears S.43°30'W., 44 lks.  
dist.

Cougar Peak, bears S.12°26'W. Vertical angle is plus  
4°41'.

FINAL TEST OF INSTRUMENT

Sept. 4, 1937: At camp in the NE $\frac{1}{4}$  sec. 24, T. 46 N.,  
R. 58 E., at 9:00 a.m., app. t., I set off 41°52'N. on  
the lat. arc; 7°11'N. on the decl. arc; and orient the  
instrument with the solar; the line of sight agrees with  
the meridian established by Polaris observation.

At 4 p.m. app. t., I set off 41°52'N., on the lat. arc;  
7°05'N. on the decl. arc; and repeat the test of the  
solar; the line of sight agrees with the meridian estab-  
lished by Polaris observation.

GENERAL DESCRIPTION

Township 46 North, Range 59 East, is situated about 8  
miles south of the Idaho-Nevada state boundary, a dis-  
tance of about 10 miles, by road, easterly from the town  
of Jarbidge, Nevada, and about 12 miles, by road,  
southerly from Idavada Hot Springs, Nevada.

The land in the eastern part of the township is roll-  
ing mountainous, generally sloping to the north or north-  
west, while the western part is rough mountainous, with  
a general slope to the northward and broken by deep  
ravines and independent ridges and spurs. Prominent  
among the rugged topographic features to be found within  
the township is Biroth Ridge, bearing NW. and SE. and  
forming a distinct separation between the east and west  
halves of the township. The drainage in the eastern part