

MUDGE "8" #301

The following surveys were taken during drilling operations and reported on the daily drilling report.

1/4 degree at 160'

3/4 degree at 519'

1 degree at 1016'

1/2 degree at 1575'

1 degree at 1792'

1/2 degree at 2518'

1 degree at 3468'

1/4 degree at 4346'

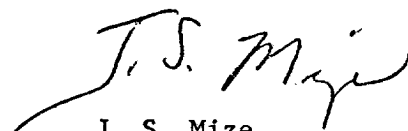
1 degree at 4771'

1/2 degree at 5092'

1/4 degree at 5430'

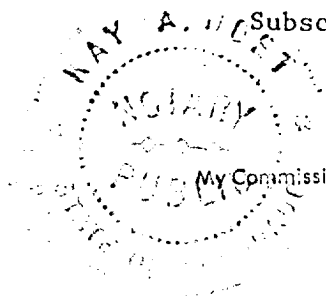
1/2 degree at 5822'

3/4 degree at 5920'



J. S. Mize
Division Operations Engineer
April 22, 1974

Subscribed and sworn to before me this 22nd day of April, 1974.



My Commission expires Nov. 12, 1975



Notary Public in and for
Denver County
State of Colorado