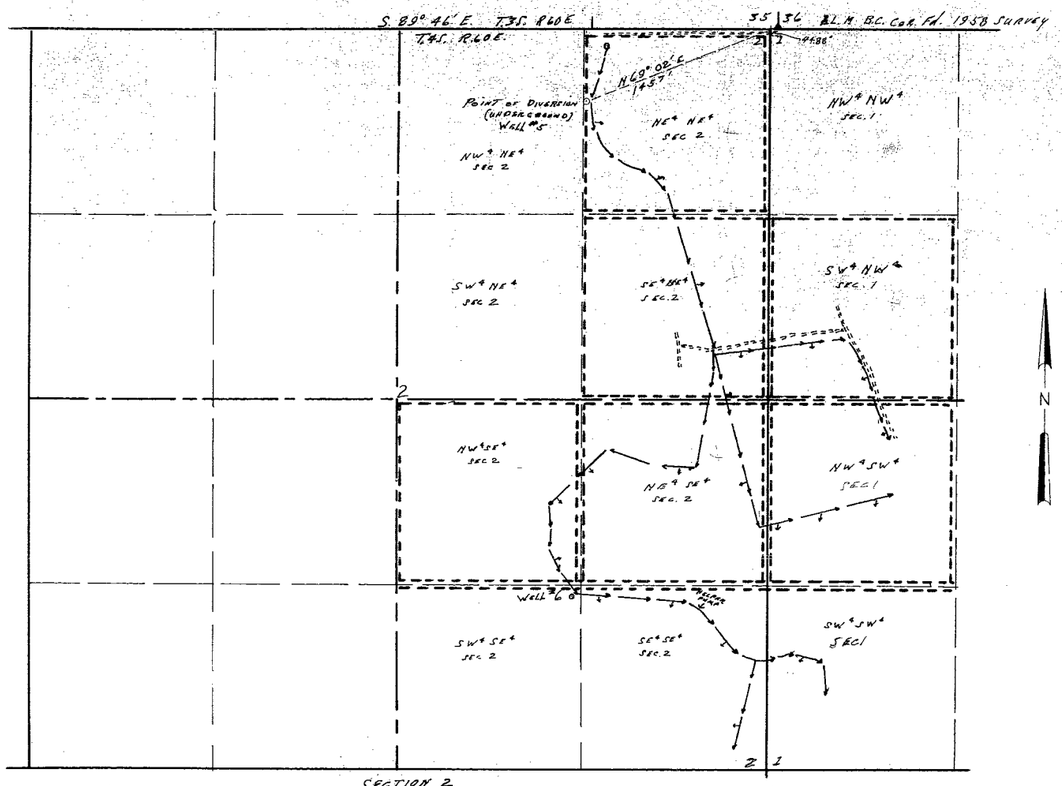

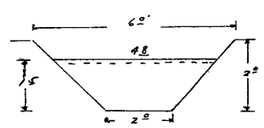

SECTION OF HEAD DITCH

HYDRAULIC FUNCTIONS

$S = .0007$
$h = .025$
$A = 5.10$
$V = 0.64$
$P = 5.25$

ENGINEERS STATEMENT

STATE OF NEVADA } SS.
COUNTY OF CLARK }

I, JAMES L. MOGAN, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP, CONSISTING OF ONE SHEET, HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE FROM FIELD NOTES OF A SURVEY MADE BY ME ON THE 8TH DAY OF FEBRUARY 1969, THAT IT TRULY AND CORRECTLY REPRESENTS THE PROPOSED LOCATION AND EXTENT OF THE WORKS USED TO DIVERT WATER FROM AN UNDERGROUND SOURCE IN LINCOLN COUNTY NEVADA BY DR. RUSSELL F. MILLER FOR IRRIGATION PURPOSES. THAT THE PROPOSED POINT OF DIVERSION, THE APPROXIMATE LOCATION AND SIZE OF THE DIVERTING CHANNEL ALL RESERVOIRS OR BASINS, THE LOCATION AND NAMES OF ALL OTHER WORKS WHICH WILL CROSS OR CONNECT WITH THE PROPOSED WORKS ARE FULLY AND CORRECTLY DESIGNATED HEREON.

James L. Mogan
STATE WATER RIGHT SURVEYOR #267

SUBSCRIBED AND SWORN TO BEFORE ME THIS 9th DAY OF May 1969

Jo Ann Clark
NOTARY PUBLIC IN AND FOR CLARK COUNTY, NEV.

MY COMMISSION EXPIRES 9-22-69

JO ANN CLARK
Notary Public—State of Nevada
CLARK COUNTY
My Commission Expires Sept. 22, 1969

BASIS FOR BEARINGS.

THE BASIS FOR BEARINGS IS THE U.S. SURVEYOR GENERAL OF NEVADA 1869–1870 SURVEY FOR T4S. R60E. AND THE 1958 B.L.M. SURVEY FOR T3S R60E M.D.B.&M.

0 500 750 1000 1500 2000 2640
SCALE IN FEET.

OFFICE STATE ENGINEER
1969 AUG 7 AM 10 21

OFFICE STATE ENGINEER
1969 JUL 25 AM 9 49

FILED
AUG 7, 1969
STATE ENGINEER'S OFFICE

MAP TO ACCOMPANY APPLICATION TO APPROPRIATE WATER FOR IRRIGATION USE BY DR. RUSSELL F. MILLER FROM AN UNDERGROUND SOURCE LINCOLN COUNTY, NEVADA

25079