

POINT OF DIVERSION "SPRG" NW 1/4 NE 1/4
 LATITUDE 35 34 24.29631 LONGITUDE 115 09 22.55103
 NORTHING 26546624.860 EASTING 783163.400
 ELEVATION 5461.49



S52°45'14"E
 47401.79' (GROUND)

STATE OF NEVADA }
 COUNTY OF CLARK } SS

I, JERRY W. SLIGAR, BEING FIRST DULY SWORN, DEPOSE AND SAY THAT THIS MAP, CONSISTING OF (1) SHEET, HAS BEEN CORRECTLY DRAWN TO THE DESIGNATED SCALE FROM FIELD NOTES OF A SURVEY MADE UNDER MY SUPERVISION AND DIRECTION COMPLETED THE 9TH DAY OF AUGUST, 1994; THAT IT TRULY AND CORRECTLY REPRESENTS THE PROPOSED LOCATION AND EXTENT OF THE WORKS USED TO DIVERT WATER FROM THE ELDORADO VALLEY WATER BASIN NO. 167 IN CLARK COUNTY FOR WILDLIFE WATERING PURPOSES. THAT THE POINT OF DIVERSION AND ITS TIE TO USGS TRIANGULATION STATION "BELL" IS FULLY AND CORRECTLY DESIGNATED THEREON.

Jerry Sligar
 JERRY W. SLIGAR
 STATE WATER-RIGHTS SURVEYOR
 NO. 663



SUBSCRIBED AND SWORN TO BEFORE ME, PATRICIA MILLER, THIS 19th DAY OF JANUARY, 1995, NOTARY PUBLIC IN AND FOR CLARK COUNTY, NEVADA.

Patricia Miller
 PATRICIA MILLER
 MY COMMISSION EXPIRES: MAY 24, 1995



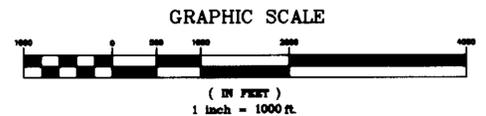
BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS SURVEY IS GRID NORTH ACCORDING TO THE NEVADA COORDINATE SYSTEM OF 1983, EAST ZONE.

NOTE:
 SECTION CORNER LOCATIONS WERE SCALED FROM USGS QUAD MAP OF MCCULLOUGH MOUNTAIN, NEVADA, PROVISIONAL EDITION 1989, AND OF HOPPS WELL, NEVADA, PROVISIONAL EDITION 1984.

USGS TRIANGULATION STATION "BELL"
 NAD 83
 LATITUDE 35 29 40.86285 LONGITUDE 115 01 45.88268
 NORTHING 26518156.118 EASTING 821046.589
 ELEVATION 3901.61

SE 1/4 NE 1/4
 SEC. 22, T. 28 S.,
 R. 62 E., M.D.M.



STATE PLANE COORDINATE CONVERSION FACTORS	
Mean Radius of Curvature (Ra)	= 6371143.131 Mtrs.
Mean Geoid Height	= -28.4 Mtrs.
Mean Surface Elevation	= 1427. Mtrs.
Max. Elevation	= 1664.7 Mtrs.
Min. Elevation	= 1189.2 Mtrs.
Mean Elevation Factor	= .99978053
Mean Scale Factor	= .99992479
Combined Factor	= .99970533
To Convert an SPC Grid Distance to A Surface Distance Multiply GRID * (1.00029475)	

60605 CERTIFICATE NO. 15862 ISSUED 09-27-01



ALCA
 ENGINEERING & SURVEYING, INC.
 820 S. VALLEY VIEW BOULEVARD
 LAS VEGAS, NEVADA 89107-4411
 (702) 878-3358 FAX: 878-1092

FILED
 JAN 20 1995
 STATE ENGINEER'S OFFICE

DIVISION OF WILDLIFE
 MAP TO ACCOMPANY APPLICATION FOR PERMIT
 TO APPROPRIATE PINE SPRING WATER FOR
 WILDLIFE WATERING FROM PUBLIC WATERS OF
 THE ELDORADO VALLEY WATER BASIN NO. 167
 IN CLARK COUNTY, NEVADA.