

BOTTOM HOLE LOCATION  
TABULATION OF DEVIATION TESTS  
PAN AMERICAN PETROLEUM CORPORATION  
MARTINEZ GAS COM. "G" NO. 1  
BASIN DAKOTA FIELD  
SAN JUAN COUNTY, NEW MEXICO  
SURFACE LOCATION -

1190' FNL & 790' FEL, SEC. 24, T29N, R10W

| Original Hole |           |       |       |             | Present Hole After Last Plug (125 Sx.<br>"A" With 2% Calcium Chloride & 15% Sand) |           |       |       |             |
|---------------|-----------|-------|-------|-------------|-----------------------------------------------------------------------------------|-----------|-------|-------|-------------|
| Depth         | Deviation | Depth | Drift | Total Drift | Depth                                                                             | Deviation | Depth | Drift | Total Drift |
| 320'          | 1/2°      |       |       |             |                                                                                   |           |       |       |             |
| 770'          | 1/2°      | 770'  | 6.7'  | 6.7'        |                                                                                   |           |       |       |             |
| 986'          | 1°        |       |       |             |                                                                                   |           |       |       |             |
| 1300'         | 1°        |       |       |             |                                                                                   |           |       |       |             |
| 1850'         | 1°        | 1080' | 18.9' | 25.6'       |                                                                                   |           |       |       |             |
| 2355'         | 1-3/4°    | 305'  | 13.4' | 41.0'       |                                                                                   |           |       |       |             |
| 2476'         | 2°        | 121'  | 4.2'  | 45.2'       |                                                                                   |           |       |       |             |
|               |           |       |       |             | 2622'                                                                             | 2°        | 146'  | 5.1'  | 50.3'       |
|               |           |       |       |             | 2644'                                                                             | 2-1/4°    | 22'   | .9'   | 51.2'       |
|               |           |       |       |             | 2656'                                                                             | 2-1/2°    | 12'   | .5'   | 51.7'       |
|               |           |       |       |             | 2702'                                                                             | 1-3/4°    | 46'   | 1.4'  | 53.1'       |
|               |           |       |       |             | 2703'                                                                             | 2-1/4°    | 1'    | -     | 53.1'       |
|               |           |       |       |             | 2706'                                                                             | 2°        |       |       |             |
|               |           |       |       |             | 2712'                                                                             | 2°        |       |       |             |
|               |           |       |       |             | 2720'                                                                             | 2°        | 17'   | .6'   | 52.5'       |
|               |           |       |       |             | 2734'                                                                             | 3-1/4°    | 14'   | .8'   | 51.7'       |
|               |           |       |       |             | 2755'                                                                             | 4°        |       |       |             |
|               |           |       |       |             | 2786'                                                                             | 4°        | 52'   | 3.6'  | 48.1'       |
|               |           |       |       |             | 2829'                                                                             | 4-3/4°    | 43'   | 3.6'  | 44.5'       |
|               |           |       |       |             | 2860'                                                                             | 5-1/4°    | 31'   | 2.8'  | 41.7'       |
|               |           |       |       |             | 2894'                                                                             | 5°        | 34'   | 3.0'  | 38.7'       |
| 2900'         | 1-1/4°    | 424'  | 9.3'  | 54.5'       | 2942'                                                                             | 4-1/2°    |       |       |             |
|               |           |       |       |             | 2973'                                                                             | 4-1/2°    | 79'   | 6.2'  | 32.5'       |
|               |           |       |       |             | 3067'                                                                             | 4°        | 94'   | 6.6'  | 25.9'       |
|               |           |       |       |             | 3130'                                                                             | 3-3/4°    | 63'   | 4.1'  | 21.8'       |
|               |           |       |       |             | 3161'                                                                             | 3-1/4°    |       |       |             |
|               |           |       |       |             | 3197'                                                                             | 3-1/4°    | 67'   | 3.8'  | 18.0'       |
|               |           |       |       |             | 3228'                                                                             | 3°        |       |       |             |
|               |           |       |       |             | 3259'                                                                             | 3°        | 62'   | 3.2'  | 14.8'       |
| 3322'         | 1°        | 422'  | 7.4'  | 61.9'       | 3290'                                                                             | 3-1/4°    | 31'   | 1.8'  | 13.0'       |
|               |           |       |       |             | 3321'                                                                             | 3°        | 31'   | 1.6'  | 11.4'       |
|               |           |       |       |             | 3353'                                                                             | 3-3/4°    | 32'   | 2.1'  | 9.3'        |
|               |           |       |       |             | 3384'                                                                             | 3-1/2°    | 31'   | 1.9'  | 7.4'        |
|               |           |       |       |             | 3415'                                                                             | 3°        | 31'   | 1.6'  | 5.8'        |
|               |           |       |       |             | 3509'                                                                             | 3-1/4°    | 94'   | 5.3'  | .5'         |
|               |           |       |       |             | 3571'                                                                             | 4-1/2°    | 62'   | 4.9'  | 4.4'        |
| 3700'         | 3/4°      | 378'  | 3.0'  | 60.9'       | 3663'                                                                             | 5-3/4°    | 92'   | 9.2'  | 13.6'       |
|               |           |       |       |             | 3757'                                                                             | 7°        | 94'   | 11.4' | 25.0'       |
|               |           |       |       |             | 3788'                                                                             | 7-1/2°    | 31'   | 4.0'  | 29.0'       |
|               |           |       |       |             | 3819'                                                                             | 7°        |       |       |             |
|               |           |       |       |             | 3845'                                                                             | 7°        | 57'   | 6.9'  | 35.9'       |
|               |           |       |       |             | 3877'                                                                             | 6-1/2°    |       |       |             |
|               |           |       |       |             | 3908'                                                                             | 6-1/2°    | 63'   | 7.1'  | 43.0'       |
|               |           |       |       |             | 3939'                                                                             | 6°        | 31'   | 3.2'  | 46.2'       |
|               |           |       |       |             | 3970'                                                                             | 5°        | 31'   | 2.7'  | 48.9'       |
|               |           |       |       |             | 4002'                                                                             | 4-1/2°    |       |       |             |
|               |           |       |       |             | 4033'                                                                             | 4-1/2°    |       |       |             |
| 4088'         | 1°        |       |       |             | 4064'                                                                             | 4-1/2°    | 94'   | 7.4'  | 56.3'       |
|               |           |       |       |             | 4126'                                                                             | 5-1/4°    | 62'   | 5.7'  | 62.0'       |
|               |           |       |       |             | 4187'                                                                             | 5-1/2°    | 61'   | 6.1'  | 68.1'       |
|               |           |       |       |             | 4251'                                                                             | 6°        | 64'   | 6.7'  | 74.8'       |
|               |           |       |       |             | 4313'                                                                             | 5-1/2°    | 62'   | 6.2'  | 81.0'       |
|               |           |       |       |             | 4376'                                                                             | 6-1/4°    | 63'   | 6.9'  | 87.9'       |

**RECEIVED**  
 APR 18 1966  
 OIL CON. COM.  
 DIST. 3