

GAVILAN 1-E  
Deviation Tests

| <u>Deviation</u> | <u>Depth</u> |
|------------------|--------------|
| 3/4°             | 530'         |
| 1°               | 775'         |
| 2°               | 1026'        |
| 2-1/2°           | 1149'        |
| 2-1/4°           | 1212'        |
| 2-1/4°           | 1305'        |
| 2°               | 1366'        |
| 2°               | 1439'        |
| 2°               | 1552'        |
| 1-3/4°           | 1679'        |
| 2°               | 1928'        |
| 1-1/2°           | 2126'        |
| 2°               | 2378'        |
| 1-1/2°           | 2534'        |
| 2°               | 2808'        |
| 1-1/4°           | 3058'        |
| 1-1/4°           | 3307'        |
| 1-1/4°           | 3628'        |
| 3/4°             | 3876'        |
| 1°               | 4024'        |
| 3/4°             | 4336'        |
| 1°               | 4751'        |
| 1/2°             | 5056'        |
| 3/4°             | 5559'        |
| 3/4°             | 5806'        |
| 3/4°             | 6070'        |
| 3/4°             | 6140'        |
| 1-1/4°           | 6170'        |
| 1-1/4°           | 6210'        |
| 2°               | 6232'        |
| 1-3/4°           | 6264'        |
| 1-3/4°           | 6286'        |
| 1-3/4°           | 6319'        |
| 1-3/4°           | 6351'        |
| 2°               | 6382'        |
| 2°               | 6414'        |
| 1-3/4°           | 6445'        |
| 2-1/4°           | 6477'        |
| 2-3/4°           | 6508'        |
| 2-1/4°           | 6540'        |
| 2°               | 6571'        |
| 2-1/4°           | 6601'        |
| 2°               | 6665'        |
| 2-1/4°           | 6699'        |
| 3°               | 6730'        |
| 2-3/4°           | 6761'        |
| 2-3/4°           | 6793'        |
| 3°               | 6825'        |
| 3°               | 6850'        |
| 3°               | 6856'        |

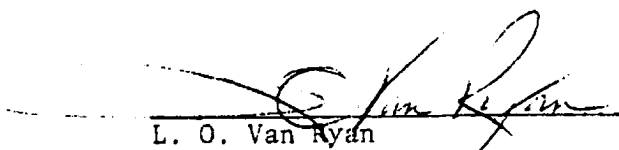
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OIL CON. DIV.  
DIST. 3

| <u>Deviation</u> | <u>Depth</u> |
|------------------|--------------|
| 3°               | 6888'        |
| 3°               | 6925'        |
| 3°               | 6986'        |
| 2-1/4°           | 7078'        |
| 2-3/4°           | 7141'        |
| 2-1/4°           | 7177'        |
| 2°               | 7294'        |
| 1-1/4°           | 7607'        |
| 3/4°             | 8138'        |

The Deviation tests on the Gavilan 1-E stand correct as stated above to the best of my knowledge.

  
L. O. Van Ryan  
Vice President, Operations

ACKNOWLEDGEMENT

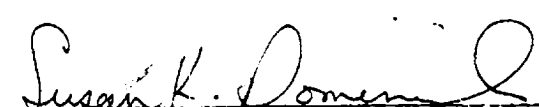
STATE OF COLORADO )  
                              : SS.  
COUNTY OF DENVER )

The foregoing instrument was acknowledged before me this 31st day of August, 1983, by L. O. VAN RYAN, Vice President of Operations, Northwest Exploration Company.

WITNESS MY HAND AND OFFICIAL SEAL.

My Commission Expires:

June 25, 1987

  
Notary Public in and for Denver County,  
State of Colorado

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