

# INCLINATION REPORT

OPERATOR Holly Energy 3406 Diamond Shamrock Tower  
 ADDRESS Dallas, Texas 75201  
 LEASE Artes Two State WELL NO. 2 FIELD Rose Springs  
 LOCATION Section 2, T18S, R32E Lee, New Mexico

| DEPTH | INCLINATION<br>DEGREE | DISPLACEMENT | DISPLACEMENT<br>ACCUMULATED |
|-------|-----------------------|--------------|-----------------------------|
| 414   | 3/4                   | 5.85         | 5.85                        |
| 675   | 1 3/4                 | 7.01         | 12.86                       |
| 810   | 1 1/2                 | 5.11         | 17.97                       |
| 1077  | 3/4                   | 5.77         | 23.74                       |
| 1377  | 1 1/4                 | 10.90        | 34.64                       |
| 1650  | 3 1/2                 | 47.15        | 81.79                       |
| 2037  | 5                     | 7.51         | 89.30                       |
| 2173  | 6                     | 8.21         | 97.51                       |
| 2371  | 7                     | 10.7         | 108.21                      |
| 2571  | 6                     | 7.7          | 115.91                      |
| 2771  | 6 1/2                 | 7.15         | 123.06                      |
| 2971  | 4 1/2                 | 4.77         | 127.83                      |
| 3171  | 4                     | 4.7          | 132.53                      |
| 3371  | 3                     | 3.7          | 136.23                      |
| 3571  | 4                     | 5.7          | 141.93                      |
| 3771  | 4                     | 5.7          | 147.63                      |
| 3971  | 3 1/2                 | 6.21         | 153.84                      |
| 4171  | 3 1/4                 | 5.7          | 159.54                      |
| 4371  | 3 1/4                 | 5.71         | 165.25                      |
| 4571  | 3 1/2                 | 5.71         | 170.96                      |
| 4771  | 2 3/4                 | 4.57         | 175.53                      |
| 4971  | 3 1/4                 | 5.90         | 181.43                      |
| 5171  | 3 1/2                 | 5.71         | 187.14                      |

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

Cactus Drilling Corporation

By: [Signature]  
 Title: Drilling Superintendent

**Affidavit:**

Before me, the undersigned authority, appeared [Signature]  
 known to me to be the person whose name is subscribed herebelow, who on being  
 sworn, under oath states that he is acting for and in behalf of the operator  
 of the well identified above, and that to the best of his knowledge and belief  
 the well was not intentionally deviated from the true vertical whatsoever.

[Signature]  
 Affiant's Signature

Sworn and subscribed to in my presence on this the 29th day of August  
1983.

[Signature]  
 Notary Public for State of Texas

My Commission Expires:

April 3, 1985

DISPLACEMENT  
ACCUMULATED

DISPLACEMENT

INCLINATION  
DEGREE

DEPTH

| DEPTH | INCLINATION<br>DEGREE | DISPLACEMENT | DISPLACEMENT<br>ACCUMULATED |
|-------|-----------------------|--------------|-----------------------------|
| 424   | 0.2                   | 0.0          | 0.0                         |
| 430   | 0.2                   | 0.0          | 0.0                         |
| 436   | 0.2                   | 0.0          | 0.0                         |
| 442   | 0.2                   | 0.0          | 0.0                         |
| 448   | 0.2                   | 0.0          | 0.0                         |
| 454   | 0.2                   | 0.0          | 0.0                         |
| 460   | 0.2                   | 0.0          | 0.0                         |
| 466   | 0.2                   | 0.0          | 0.0                         |
| 472   | 0.2                   | 0.0          | 0.0                         |
| 478   | 0.2                   | 0.0          | 0.0                         |
| 484   | 0.2                   | 0.0          | 0.0                         |
| 490   | 0.2                   | 0.0          | 0.0                         |
| 496   | 0.2                   | 0.0          | 0.0                         |
| 502   | 0.2                   | 0.0          | 0.0                         |
| 508   | 0.2                   | 0.0          | 0.0                         |
| 514   | 0.2                   | 0.0          | 0.0                         |
| 520   | 0.2                   | 0.0          | 0.0                         |
| 526   | 0.2                   | 0.0          | 0.0                         |
| 532   | 0.2                   | 0.0          | 0.0                         |
| 538   | 0.2                   | 0.0          | 0.0                         |
| 544   | 0.2                   | 0.0          | 0.0                         |
| 550   | 0.2                   | 0.0          | 0.0                         |
| 556   | 0.2                   | 0.0          | 0.0                         |
| 562   | 0.2                   | 0.0          | 0.0                         |
| 568   | 0.2                   | 0.0          | 0.0                         |
| 574   | 0.2                   | 0.0          | 0.0                         |
| 580   | 0.2                   | 0.0          | 0.0                         |
| 586   | 0.2                   | 0.0          | 0.0                         |
| 592   | 0.2                   | 0.0          | 0.0                         |
| 598   | 0.2                   | 0.0          | 0.0                         |
| 604   | 0.2                   | 0.0          | 0.0                         |
| 610   | 0.2                   | 0.0          | 0.0                         |
| 616   | 0.2                   | 0.0          | 0.0                         |
| 622   | 0.2                   | 0.0          | 0.0                         |
| 628   | 0.2                   | 0.0          | 0.0                         |
| 634   | 0.2                   | 0.0          | 0.0                         |
| 640   | 0.2                   | 0.0          | 0.0                         |
| 646   | 0.2                   | 0.0          | 0.0                         |
| 652   | 0.2                   | 0.0          | 0.0                         |
| 658   | 0.2                   | 0.0          | 0.0                         |
| 664   | 0.2                   | 0.0          | 0.0                         |
| 670   | 0.2                   | 0.0          | 0.0                         |
| 676   | 0.2                   | 0.0          | 0.0                         |
| 682   | 0.2                   | 0.0          | 0.0                         |
| 688   | 0.2                   | 0.0          | 0.0                         |
| 694   | 0.2                   | 0.0          | 0.0                         |
| 700   | 0.2                   | 0.0          | 0.0                         |
| 706   | 0.2                   | 0.0          | 0.0                         |
| 712   | 0.2                   | 0.0          | 0.0                         |
| 718   | 0.2                   | 0.0          | 0.0                         |
| 724   | 0.2                   | 0.0          | 0.0                         |
| 730   | 0.2                   | 0.0          | 0.0                         |
| 736   | 0.2                   | 0.0          | 0.0                         |
| 742   | 0.2                   | 0.0          | 0.0                         |
| 748   | 0.2                   | 0.0          | 0.0                         |
| 754   | 0.2                   | 0.0          | 0.0                         |
| 760   | 0.2                   | 0.0          | 0.0                         |
| 766   | 0.2                   | 0.0          | 0.0                         |
| 772   | 0.2                   | 0.0          | 0.0                         |
| 778   | 0.2                   | 0.0          | 0.0                         |
| 784   | 0.2                   | 0.0          | 0.0                         |
| 790   | 0.2                   | 0.0          | 0.0                         |
| 796   | 0.2                   | 0.0          | 0.0                         |
| 802   | 0.2                   | 0.0          | 0.0                         |
| 808   | 0.2                   | 0.0          | 0.0                         |
| 814   | 0.2                   | 0.0          | 0.0                         |
| 820   | 0.2                   | 0.0          | 0.0                         |
| 826   | 0.2                   | 0.0          | 0.0                         |
| 832   | 0.2                   | 0.0          | 0.0                         |
| 838   | 0.2                   | 0.0          | 0.0                         |
| 844   | 0.2                   | 0.0          | 0.0                         |
| 850   | 0.2                   | 0.0          | 0.0                         |
| 856   | 0.2                   | 0.0          | 0.0                         |
| 862   | 0.2                   | 0.0          | 0.0                         |
| 868   | 0.2                   | 0.0          | 0.0                         |
| 874   | 0.2                   | 0.0          | 0.0                         |
| 880   | 0.2                   | 0.0          | 0.0                         |
| 886   | 0.2                   | 0.0          | 0.0                         |
| 892   | 0.2                   | 0.0          | 0.0                         |
| 898   | 0.2                   | 0.0          | 0.0                         |
| 904   | 0.2                   | 0.0          | 0.0                         |
| 910   | 0.2                   | 0.0          | 0.0                         |
| 916   | 0.2                   | 0.0          | 0.0                         |
| 922   | 0.2                   | 0.0          | 0.0                         |
| 928   | 0.2                   | 0.0          | 0.0                         |
| 934   | 0.2                   | 0.0          | 0.0                         |
| 940   | 0.2                   | 0.0          | 0.0                         |
| 946   | 0.2                   | 0.0          | 0.0                         |
| 952   | 0.2                   | 0.0          | 0.0                         |
| 958   | 0.2                   | 0.0          | 0.0                         |
| 964   | 0.2                   | 0.0          | 0.0                         |
| 970   | 0.2                   | 0.0          | 0.0                         |
| 976   | 0.2                   | 0.0          | 0.0                         |
| 982   | 0.2                   | 0.0          | 0.0                         |
| 988   | 0.2                   | 0.0          | 0.0                         |
| 994   | 0.2                   | 0.0          | 0.0                         |
| 1000  | 0.2                   | 0.0          | 0.0                         |

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

Cactus Drilling Corporation

By \_\_\_\_\_  
President

Affidavit

before me, the undersigned authority, on this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, known to me to be the person whose name is subscribed to the foregoing, who on making deposition, under oath states that he is the operator of the well identified and believed such well was not intentionally connected with a zone vertical therewith.

Witness's signature

Sworn and subscribed to in my presence on this the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

Notary Public for State of Texas

Commission Expires: \_\_\_\_\_