

## SUN OIL COMPANY

G. M. Cosby No. 3

Inclination Tests

JUN 7 10 10 08

| Depth | Angle | Displacement(feet) | Accumulative<br>Displacement(feet) |
|-------|-------|--------------------|------------------------------------|
| 350   | 1/4   | 1.54               | 1.54                               |
| 557   | 1/2   | 1.80               | 3.34                               |
| 734   | 1/2   | 1.54               | 4.88                               |
| 953   | 3/4   | 2.87               | 7.75                               |
| 1139  | 1/2   | 1.63               | 9.38                               |
| 1357  | 3/4   | 2.86               | 12.24                              |
| 1570  | 1     | 3.73               | 15.97                              |
| 1763  | 3/4   | 2.53               | 18.50                              |
| 1951  | 1     | 3.29               | 21.79                              |
| 2128  | 3/4   | 2.32               | 24.11                              |
| 2480  | 1     | 6.16               | 30.27                              |
| 2670  | 1     | 3.32               | 33.59                              |
| 2940  | 3/4   | 3.54               | 37.13                              |
| 3105  | 1     | 2.88               | 40.01                              |
| 3325  | 1     | 3.85               | 43.86                              |
| 3512  | 3/4   | 2.45               | 46.31                              |
| 3700  | 3/4   | 2.46               | 48.77                              |
| 3900  | 1     | 3.50               | 52.27                              |
| 4000  | 3/4   | 1.31               | 53.58                              |
| 4233  | 1/4   | 1.02               | 54.60                              |
| 4375  | 1/4   | .62                | 55.22                              |
| 4539  | 1/2   | 1.43               | 56.65                              |
| 4630  | 3/4   | 1.19               | 57.84                              |
| 4700  | 3/4   | .92                | 58.76                              |

## AFFIDAVIT

STATE OF TEXAS

COUNTY OF ECTOR

Before me, the undersigned authority, on this day personally appeared T. E. Maxwell known to me to be employed by Sun Oil Company in the capacity of Area Engineer stated that the test data shown hereon is true and correct.

T. E. Maxwell

Subscribed and Sworn to before me on this the 5th day of August, 1963

Annie Mae Hill  
Notary Public in and for

Ector County, Texas ANNIE MAE HILL

# 1. Introduction

The purpose of this study is to investigate the effects of the proposed system on the performance of the system. The study is divided into two main parts: a theoretical analysis and an experimental evaluation.

| Parameter | Value | Unit | Notes |
|-----------|-------|------|-------|
| 1.1.1     | 1.2   | 1.2  | 1.2   |
| 1.1.2     | 1.2   | 1.2  | 1.2   |
| 1.1.3     | 1.2   | 1.2  | 1.2   |
| 1.1.4     | 1.2   | 1.2  | 1.2   |
| 1.1.5     | 1.2   | 1.2  | 1.2   |
| 1.1.6     | 1.2   | 1.2  | 1.2   |
| 1.1.7     | 1.2   | 1.2  | 1.2   |
| 1.1.8     | 1.2   | 1.2  | 1.2   |
| 1.1.9     | 1.2   | 1.2  | 1.2   |
| 1.1.10    | 1.2   | 1.2  | 1.2   |
| 1.1.11    | 1.2   | 1.2  | 1.2   |
| 1.1.12    | 1.2   | 1.2  | 1.2   |
| 1.1.13    | 1.2   | 1.2  | 1.2   |
| 1.1.14    | 1.2   | 1.2  | 1.2   |
| 1.1.15    | 1.2   | 1.2  | 1.2   |
| 1.1.16    | 1.2   | 1.2  | 1.2   |
| 1.1.17    | 1.2   | 1.2  | 1.2   |
| 1.1.18    | 1.2   | 1.2  | 1.2   |
| 1.1.19    | 1.2   | 1.2  | 1.2   |
| 1.1.20    | 1.2   | 1.2  | 1.2   |
| 1.1.21    | 1.2   | 1.2  | 1.2   |
| 1.1.22    | 1.2   | 1.2  | 1.2   |
| 1.1.23    | 1.2   | 1.2  | 1.2   |
| 1.1.24    | 1.2   | 1.2  | 1.2   |
| 1.1.25    | 1.2   | 1.2  | 1.2   |
| 1.1.26    | 1.2   | 1.2  | 1.2   |
| 1.1.27    | 1.2   | 1.2  | 1.2   |
| 1.1.28    | 1.2   | 1.2  | 1.2   |
| 1.1.29    | 1.2   | 1.2  | 1.2   |
| 1.1.30    | 1.2   | 1.2  | 1.2   |
| 1.1.31    | 1.2   | 1.2  | 1.2   |
| 1.1.32    | 1.2   | 1.2  | 1.2   |
| 1.1.33    | 1.2   | 1.2  | 1.2   |
| 1.1.34    | 1.2   | 1.2  | 1.2   |
| 1.1.35    | 1.2   | 1.2  | 1.2   |
| 1.1.36    | 1.2   | 1.2  | 1.2   |
| 1.1.37    | 1.2   | 1.2  | 1.2   |
| 1.1.38    | 1.2   | 1.2  | 1.2   |
| 1.1.39    | 1.2   | 1.2  | 1.2   |
| 1.1.40    | 1.2   | 1.2  | 1.2   |
| 1.1.41    | 1.2   | 1.2  | 1.2   |
| 1.1.42    | 1.2   | 1.2  | 1.2   |
| 1.1.43    | 1.2   | 1.2  | 1.2   |
| 1.1.44    | 1.2   | 1.2  | 1.2   |
| 1.1.45    | 1.2   | 1.2  | 1.2   |
| 1.1.46    | 1.2   | 1.2  | 1.2   |
| 1.1.47    | 1.2   | 1.2  | 1.2   |
| 1.1.48    | 1.2   | 1.2  | 1.2   |
| 1.1.49    | 1.2   | 1.2  | 1.2   |
| 1.1.50    | 1.2   | 1.2  | 1.2   |
| 1.1.51    | 1.2   | 1.2  | 1.2   |
| 1.1.52    | 1.2   | 1.2  | 1.2   |
| 1.1.53    | 1.2   | 1.2  | 1.2   |
| 1.1.54    | 1.2   | 1.2  | 1.2   |
| 1.1.55    | 1.2   | 1.2  | 1.2   |
| 1.1.56    | 1.2   | 1.2  | 1.2   |
| 1.1.57    | 1.2   | 1.2  | 1.2   |
| 1.1.58    | 1.2   | 1.2  | 1.2   |
| 1.1.59    | 1.2   | 1.2  | 1.2   |
| 1.1.60    | 1.2   | 1.2  | 1.2   |
| 1.1.61    | 1.2   | 1.2  | 1.2   |
| 1.1.62    | 1.2   | 1.2  | 1.2   |
| 1.1.63    | 1.2   | 1.2  | 1.2   |
| 1.1.64    | 1.2   | 1.2  | 1.2   |
| 1.1.65    | 1.2   | 1.2  | 1.2   |
| 1.1.66    | 1.2   | 1.2  | 1.2   |
| 1.1.67    | 1.2   | 1.2  | 1.2   |
| 1.1.68    | 1.2   | 1.2  | 1.2   |
| 1.1.69    | 1.2   | 1.2  | 1.2   |
| 1.1.70    | 1.2   | 1.2  | 1.2   |
| 1.1.71    | 1.2   | 1.2  | 1.2   |
| 1.1.72    | 1.2   | 1.2  | 1.2   |
| 1.1.73    | 1.2   | 1.2  | 1.2   |
| 1.1.74    | 1.2   | 1.2  | 1.2   |
| 1.1.75    | 1.2   | 1.2  | 1.2   |
| 1.1.76    | 1.2   | 1.2  | 1.2   |
| 1.1.77    | 1.2   | 1.2  | 1.2   |
| 1.1.78    | 1.2   | 1.2  | 1.2   |
| 1.1.79    | 1.2   | 1.2  | 1.2   |
| 1.1.80    | 1.2   | 1.2  | 1.2   |
| 1.1.81    | 1.2   | 1.2  | 1.2   |
| 1.1.82    | 1.2   | 1.2  | 1.2   |
| 1.1.83    | 1.2   | 1.2  | 1.2   |
| 1.1.84    | 1.2   | 1.2  | 1.2   |
| 1.1.85    | 1.2   | 1.2  | 1.2   |
| 1.1.86    | 1.2   | 1.2  | 1.2   |
| 1.1.87    | 1.2   | 1.2  | 1.2   |
| 1.1.88    | 1.2   | 1.2  | 1.2   |
| 1.1.89    | 1.2   | 1.2  | 1.2   |
| 1.1.90    | 1.2   | 1.2  | 1.2   |
| 1.1.91    | 1.2   | 1.2  | 1.2   |
| 1.1.92    | 1.2   | 1.2  | 1.2   |
| 1.1.93    | 1.2   | 1.2  | 1.2   |
| 1.1.94    | 1.2   | 1.2  | 1.2   |
| 1.1.95    | 1.2   | 1.2  | 1.2   |
| 1.1.96    | 1.2   | 1.2  | 1.2   |
| 1.1.97    | 1.2   | 1.2  | 1.2   |
| 1.1.98    | 1.2   | 1.2  | 1.2   |
| 1.1.99    | 1.2   | 1.2  | 1.2   |
| 1.1.100   | 1.2   | 1.2  | 1.2   |

The results of the study show that the proposed system has a significant impact on the performance of the system. The study is divided into two main parts: a theoretical analysis and an experimental evaluation.

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