

AFFIDAVIT

STATE OF ARKANSAS)
) SS
COUNTY OF UNION)

Before me, the undersigned authority, on this day personally appeared Leroy L. Duncan of 200 Jefferson Avenue, El Dorado, Arkansas, known to me to be a credible person of legal age, who after being by me first duly sworn, on oath, deposes and says:


On July 2, 1963, deviation tests were conducted by employees of Stone Drilling Inc. in Murphy Corporations' Navajo "AA" Well #3 located 2140' from the North line and 1920' from the East line of Section 18, T32N, R17W, San Juan County, New Mexico.

Technical Oil Tool Corporation equipment was used as follows:

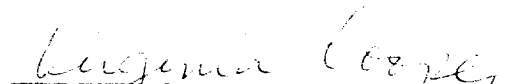
1. First survey at approximate depth of 515' below the surface indicated a drift of 1° from vertical.
2. Second survey at approximate depth of 1060' below the surface indicated a drift of $1-3/4^{\circ}$ from vertical.
3. Third survey at approximate depth of 1460' below the surface indicated a drift of $1-3/4^{\circ}$ from verticle.

The records of the above surveys are on file in the office of Murphy Corporation in El Dorado, Arkansas.

Affiant further states that he is a duly authorized agent of Murphy Corporation, owner and operator of the above named well.


Leroy L. Duncan
Production Supt.-Direct Operations

SUBSCRIBED AND SWORN TO, before me, this the 19th day of August, A. D., 1963.


Notary Public

My Commission Expires:

1-2-65

