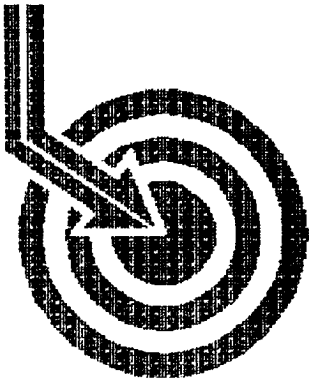




Scientific Drilling

MACK ENERGY

Field: Imperial Yeso
Site: Eddy County, NM
Well: Goldstar Federal #5
Wellpath: DH - Job #32D0601353
Survey: 6/12/01-6/19/01

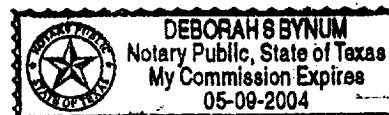
This survey is correct to the best of my knowledge
and is supported by actual field data.

[Signature] Company Representative

Notorized this date 30th of July, 2001.

Deborah S Bynum

Notary Signature
County of Midland
State of Texas



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