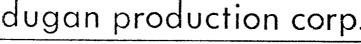


dugan production corp.



December 8, 1977

N. M. Oil Conservation Commission 1000 Rio Brazos Road Aztec, New Mexico 87410

Dugan Production Corp. A New Dawn #1 1470' FSL - 860' FWL Section 14, T24N, R5W Rio Arriba County, New Mexico

This is to certify that deviation tests were run on the captioned well and the following is a true report of those tests:

> 3/4⁰ @ 3468' 3/4° @ 3925' 3/40 @ 4275 1º @ 5644' 1-3/4° @ 6576'

Sincerely,

'Jim L. Jacobs Geologist

State of New Mexico) County of San Juan)

Subscribed and sworn to before me this

My commission expires November 5, 1978