

WELL NAME AND NUMBER Catclaw Draw 23 No. 3
LOCATION Unit K, NE/SW Section 23, T21S, R25E, Eddy County, NM
OPERATOR Hallwood Petroleum, Inc.
DRILLING CONTRACTOR United Drilling, Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and had conducted deviation tests and obtained the following results:

Degrees @ Depth

3/4° 505'

1/2° 1022'

3/4° 1525'

3/4° 2028'

1° 2499'

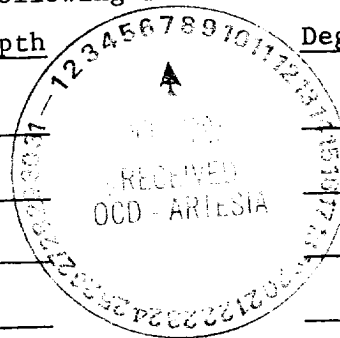
1/2° 3031'

3/4° 3504'

3/4° 4006'

Degrees @ Depth

Degrees @ Depth



Drilling Contractor United Drilling, Inc.

By: L. M. Gibbs

Title: Business Manager

Subscribed and sworn to before me this 5th day of August,
1984.

Karna Jankowsky
Notary Public

My Commission Expires: 9-25-89

Chaves NM
County State