

WELL NAME AND NUMBER Coogan Federal #3LOCATION 2875' ENL & 990' FWL Sec. 1, T-21S, R-37E, Lea County, New Mexico
(New Mexico give U.S.T.&R. - Texas give S, BLK, SURV. and TWP)OPERATOR Bravo Energy, Inc.DRILLING CONTRACTOR MORANCO Drilling, Inc.

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

<u>Degrees and Depth</u>	<u>Degrees and Depth</u>	<u>Degrees and Depth</u>	<u>Degrees and Depth</u>
<u>1/4 349</u>	<u>1/4 5335</u>	<u> </u>	<u> </u>
<u>3/4 800</u>	<u>3/4 5840</u>	<u> </u>	<u> </u>
<u>3/4 1292</u>	<u>1/4 6335</u>	<u> </u>	<u> </u>
<u>1/4 1560</u>	<u>1 1/4 6831</u>	<u> </u>	<u> </u>
<u>1/4 2047</u>	<u>1/2 7327</u>	<u> </u>	<u> </u>
<u>2 2576</u>	<u>1/2 7780</u>	<u> </u>	<u> </u>
<u>2 2840</u>	<u> </u>	<u> </u>	<u> </u>
<u>1 3075</u>	<u> </u>	<u> </u>	<u> </u>
<u>1/2 3610</u>	<u> </u>	<u> </u>	<u> </u>
<u>1/4 4099</u>	<u> </u>	<u> </u>	<u> </u>
<u>3/4 4593</u>	<u> </u>	<u> </u>	<u> </u>
<u>1 5090</u>	<u> </u>	<u> </u>	<u> </u>

Drilling Contractor MORANCO Drilling, Inc.By Wiley Gilmore
Wiley Gilmore, Marketing ManagerSubscribed and sworn to before me this 11th day of August 1989

My Commission expires:

September 13, 1992Virginia G. Perry
Notary Public
Lea County, New Mexico