

WELL NAME AND NUMBER Sparrow Federal #1 ✓

LOCATION Sec. 1; T-20-S; R-26-E; Eddy County, New Mexico
(Give Unit, Section, Township and Range)

OPERATOR Collier Energy, Inc.

DRILLING CONTRACTOR Yucca Drilling Co., 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:

DEGREES @ DEPTH

1/4° @ 500'

1/2° @ 1000'

1/2° @ 1250'

DEGREES @ DEPTH

DEGREES @ DEPTH

DRILLING CONTRACTOR Yucca Drilling Co., Inc.

By: Robert I. Johnson
Robert I. Johnson

Subscribed and sworn to before me this 30th day of November, 1983

Ramona B Chapman
Notary Public

My Commission Expires: November 23, 1985

Eddy County New Mexico