

WELL NAME AND NUMBER Diamond State #1

LOCATION 1980/S 1980/E Section 16, T16S, R34E, Lea County, New Mexico
(New Mexico give U.S.T&R: TEXAS GIVE S,BLK,SURV.& TWP)

OPERATOR Elk Oil Company

DRILLING CONTRACTOR Moran Oil Producing & Drilling Corp.

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 @ Depth</u> | <u>Degrees @ Depth</u> | <u>Degrees @ Depth</u> | <u>Degrees @ Depth</u> |
|------------------------|------------------------|-----------------------------|-----------------------------|
| <u>1/4 170</u> | <u>1/2 4700</u> | <u>1 3/4 11,245</u> | <u> </u> |
| <u>1/2 350</u> | <u>1/2 5190</u> | <u>2 11,370</u> | <u> </u> |
| <u>1/2 900</u> | <u>1/4 5570</u> | <u>2 11,500</u> | <u> </u> |
| <u>1/2 1405</u> | <u>1 5990</u> | <u>1 3/4 11,790</u> | <u> </u> |
| <u>1 1905</u> | <u>1 1/2 6550</u> | <u>2 12,005</u> | <u> </u> |
| <u>3/4 2403</u> | <u>1 1/4 7640</u> | <u>2 1/4 12,175</u> | <u> </u> |
| <u>1 1/2 2910</u> | <u>1 1/4 8493</u> | <u>2 1/4 12,420</u> | <u> </u> |
| <u>1/2 3053</u> | <u>1 1/2 9232</u> | <u>2 3/4 12,895</u> | <u> </u> |
| <u>3/4 3365</u> | <u>1 3/4 9800</u> | <u>2 3/4 13,037</u> | <u> </u> |
| <u>1/2 3590</u> | <u>1 3/4 10,490</u> | <u> </u> | <u> </u> |
| <u>1 3892</u> | <u>1 3/4 10,795</u> | <u> </u> | <u> </u> |
| <u>1 4180</u> | <u>1 1/2 10,910</u> | <u> </u> | <u> </u> |
| <u>1/2 4535</u> | <u>1 1/2 11,085</u> | <u> </u> | <u> </u> |

Drilling Contractor MORAN OIL PRODUCING & DRILLING CORP.

By

K. D. McPeters, Vice President

Subscribed and sworn to before me this 26th day of March, 1970

My Commission expires:
April 1, 1970

Samuel L. Lanning
Notary Public
Lea County, New Mexico

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MAR 27 1970

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