

WELL NAME AND NUMBER Sand Dunes 34 Fed #5

LOCATION Sec. 34, T23S, R31E
(Give Unit, Section, Township and Range)

OPERATOR POGO Production Company

DRILLING CONTRACTOR NABORS DRILLING USA, INC.

CONFIDENTIAL
DEC 23 1993

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>1/2 @ 390</u>	<u>1/2 @ 5190</u>	<u> </u>	<u> </u>
<u>1 1/4 @ 765</u>	<u>3/4 @ 5655</u>	<u> </u>	<u> </u>
<u>3/4 @ 1088</u>	<u>1/2 @ 6156</u>	<u> </u>	<u> </u>
<u>1 @ 1407</u>	<u>1 @ 6625</u>	<u> </u>	<u> </u>
<u>3/4 @ 1745</u>	<u>1 @ 7126</u>	<u> </u>	<u> </u>
<u>3/4 @ 2058</u>	<u>1 1/2 @ 7626</u>	<u> </u>	<u> </u>
<u>3/4 @ 2441</u>	<u>1 1/2 @ 8160</u>	<u> </u>	<u> </u>
<u>1/4 @ 2781</u>	<u> </u>	<u> </u>	<u> </u>
<u>1/2 @ 3134</u>	<u> </u>	<u> </u>	<u> </u>
<u>3/4 @ 3477</u>	<u> </u>	<u> </u>	<u> </u>
<u>3/4 @ 3603</u>	<u> </u>	<u> </u>	<u> </u>
<u>1 @ 3726</u>	<u> </u>	<u> </u>	<u> </u>
<u>1 @ 3852</u>	<u> </u>	<u> </u>	<u> </u>
<u>1 1/4 @ 3976</u>	<u> </u>	<u> </u>	<u> </u>
<u>3/4 @ 4649</u>	<u> </u>	<u> </u>	<u> </u>

Drilling Contractor Nabors Drilling USA, Inc.

By

L.V. Bohannon

Subscribed and sworn to before me this 16th day of December, 1993

Joann McMahon
Notary Public

My Commision Expires

MIDLAND

County

TEXAS

