

WELL NAME & NUMBER B W "3. Federal #1  
LOCATION Sec. 31, T21S, R32E Lea Co., NM  
(Give Unit, Section, Township and Range)  
OPERATOR Collins & Ware, Inc. 600 W. Illinois, Ste. 701 Midland, TX 79702  
DRILLING CONTRACTOR Grace Drilling Company P.O. Box 13480 Odessa, TX 79768

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	DEGREES @ DEPTH	DEGREES @ DEPTH	DEGREES @ DEPTH
<u>1.00 488</u>	<u>2.25 3610</u>	<u>1.25 8560</u>	<u>                    </u>
<u>.50 770</u>	<u>2.25 3800</u>	<u>                    </u>	<u>                    </u>
<u>.50 1112</u>	<u>3.00 3909</u>	<u>                    </u>	<u>                    </u>
<u>.25 1380</u>	<u>3.50 4034</u>	<u>                    </u>	<u>                    </u>
<u>.75 1630</u>	<u>3.50 4128</u>	<u>                    </u>	<u>                    </u>
<u>1.00 1988</u>	<u>3.25 4220</u>	<u>                    </u>	<u>                    </u>
<u>1.25 2227</u>	<u>2.50 4346</u>	<u>                    </u>	<u>                    </u>
<u>2.00 2477</u>	<u>2.25 4500</u>	<u>                    </u>	<u>                    </u>
<u>2.75 2727</u>	<u>1.75 4695</u>	<u>                    </u>	<u>                    </u>
<u>2.75 2825</u>	<u>.75 5100</u>	<u>                    </u>	<u>                    </u>
<u>2.75 2954</u>	<u>.75 5595</u>	<u>                    </u>	<u>                    </u>
<u>2.225 3068</u>	<u>.75 6094</u>	<u>                    </u>	<u>                    </u>
<u>2.75 3195</u>	<u>.75 6559</u>	<u>                    </u>	<u>                    </u>
<u>2.75 3285</u>	<u>1.25 7530</u>	<u>                    </u>	<u>                    </u>
<u>2.00 3409</u>	<u>.75 8032</u>	<u>                    </u>	<u>                    </u>

Drilling Contractor Grace Drilling Company

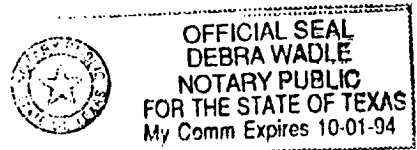
By [Signature]  
L. V. Bohannon - Drlg. Supt.

Subscribed and sworn to before me this 21<sup>st</sup> day of January, 19 92

[Signature]  
Notary Public

My Commission Expires 10-1-94

Ector County Texas



RECORDED

JAN 21 1992

AM 11:00