

WELL NAME AND NUMBER Estelle "TA" Federal #1

LOCATION Section 21, T-17-S, R-27-E, Eddy County

OPERATOR Yates Petroleum

The undersigned hereby certifies that he/she is an authorized representative of Collier Drilling Corp. and that the following information as set forth by the drillers for Collier Drilling Corp. on their Survey of Directional Drilling is true and correct to the best of his/her information and belief.

<u>DISC NO.</u>	<u>DATE</u>	<u>DEPTH</u>	<u>DRIFT</u>	<u>DRILLER</u>
<u>23</u>	<u>9/02/82</u>	<u>7126</u>	<u>1 1/2'</u>	<u>H. Shields</u>
<u>24</u>	<u>9/02/82</u>	<u>7316</u>	<u>2 1/2'</u>	<u>M. Thurman</u>
<u>25</u>	<u>9/03/82</u>	<u>7440</u>	<u>3/4"</u>	<u>H. Shields</u>
<u>26</u>	<u>9/04/82</u>	<u>7726</u>	<u>2"</u>	<u>H. Shields</u>
<u>27</u>	<u>9/04/82</u>	<u>7915</u>	<u>1 3/4"</u>	<u>E. Lehr</u>
<u>28</u>	<u>9/07/82</u>	<u>8260</u>	<u>1"</u>	<u>R.C. Wallace</u>
<u>29</u>	<u>9/09/82</u>	<u>8478</u>	<u>1"</u>	<u>H. Shields</u>
<u>30</u>	<u>9/12/82</u>	<u>8978</u>	<u>2"</u>	<u>M. Thurman</u>
<u>31</u>	<u>9/16/82</u>	<u>9430</u>	<u>1 3/4"</u>	<u>M. Thurman</u>
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By Kimberli Watkins
Title Secretary

Subscribed and sworn to before me this 20 day of September, 1982

August 11, 1984
My commission expires

Alta S. Chelway
Notary Public