

FIELD Undesignated COUNTY Eddy OCC NUMBER _____
 OPERATOR Southland Royalty Company ADDRESS 1000 Ft. Worth Club Tower
Fort Worth, Texas 76102
 LEASE NAME & WELL NUMBER Empire Federal "A" Com. #1
 SURVEY 660' FNL & 1980' FWL Sec 27, T-18-S, R-29-E

RECORD OF INCLINATION

<u>DEPTH (FEET)</u>	<u>ANGLE OF INCLINATION (DEGREES)</u>
492	1/2
1,009	1/2
1,569	1/2
2,005	1/2
2,510	1/2
3,200	3/4
4,055	3/4
4,224	1/2
4,724	3/4
5,224	1
5,511	3/4
5,628	1 1/2
6,128	1
6,628	1 1/4
7,125	1 1/4
7,544	2
8,124	1 1/4
8,551	1 1/2
9,124	1 3/4
9,743	1 1/2
10,121	1 1/4
10,617	1 1/4
11,176	1 1/4

Certification of personal knowledge inclination data:

I hereby certify that I have personally assembled the data and facts placed on this form, and such information given above is true and complete to the best of my knowledge.

HONDO DRILLING COMPANY

BY: [Signature]
 Walter Frederickson
 Vice President

Sworn and subscribed to before me the undersigned authority, on this the

15th day of July, 1980.

[Signature]
 Margaret B. Anderson

Notary Public in and for Midland
 County, Texas.