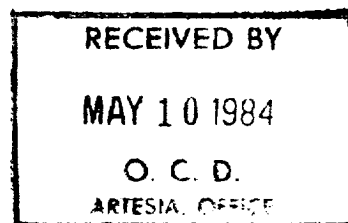


ABO PETROLEUM CORPORATION ✓
207 South 4th Street
Artesia, NM 88210

Hay "C" Federal No. 1 - NM-20949
Unit L, 1980' FSL & 660' FWL
Sec. 13-T26S-R27E
Eddy County, New Mexico



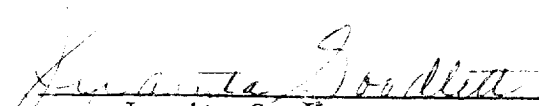
DEPTH (in feet)

DEGREES

468	2°
1019	2°
2013	4-3/4°
2044	4-1/2°
2075	4°
2108	3-1/4°
2171	3°
2203	2-3/4°
2300	2-1/2°
2451	1°
2825	1/4°
3750	1/4°
4200	1/2°
4692	1-1/4°
5216	2°
5948	1-1/2°
6321	1-1/4°
6725	1-1/4°
7130	1/2°
7154	1/4°
7723	2°
8400	1-3/4°

I HEREBY CERTIFY THAT THE ABOVE DEVIATION SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE. THE INFORMATION WAS OBTAINED FROM THE DAILY DRILLING REPORT AS PROVIDED TO ABO PETROLEUM CORPORATION BY QUANAH PETROLEUM, INC.


May 9, 1984



Juanita Goodlett
Production Supervisor

STATE OF NEW MEXICO X
COUNTY OF EDDY X

The foregoing was acknowledged before me this 9th day of May, 1984.



Notary

My Commission Expires: 1/25/84