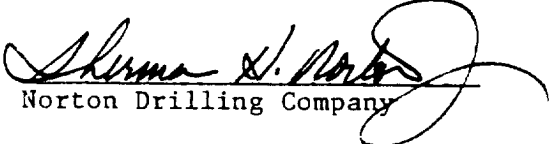


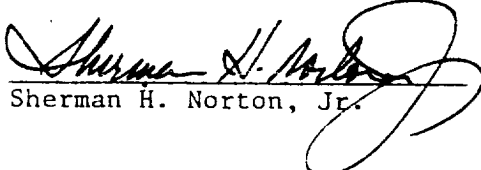
Deviation surveys taken on Calvacade Oil Corporation's Pearl Western 1-Y well in Lea County, New Mexico:

<u>Depth</u>	<u>Degree</u>
379	1.00
1349	1.00
2246	.25
3193	.75
4172	1.00
4450	.50
5429	.75
6405	.50
7332	.25
8273	.50
9175	.25
9700	.75

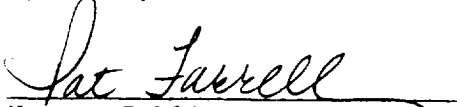
I hereby certify that I have personal knowledge of the facts placed on this sheet and that such information given above is true and complete.


Norton Drilling Company

Before me, the undersigned authority, on this day personally appeared Sherman H. Norton, Jr., known to me to be the person whose name is subscribed hereto, who after being duly sworn, on oath states that he is the drilling contractor of the well identified in this instrument and that such well was not intentionally deviated from the vertical whatsoever.


Sherman H. Norton, Jr.

SWORN AND SUBSCRIBED TO before me this 24th day of September 1985.


Notary Public in and for)
Lubbock County, Texas.

My Commission Expires: 4-9-88

RECEIVED
DEC 20 1985
C.C.D.
HOMES OFFICE