

July 31, 1970

Deviation surveys taken on Union Oil Company of California's Federal "17"
Well No. 2, Section 17, T-3S, R-38E, Toosevelt County, New Mexico.

365	1/4
665	1/2
1135	1/2
1632	3/4
2118	3/4
2616	3/4
3161	1-1/4
3660	1-1/4
3785	2
4038	1
4256	1
4427	1
4552	3/4
4713	1
4776	3/4

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

[Signature]
Union Oil Company of California

Sworn and Subscribed before me, this 31st day of July, 1970.

Helen R. Ketelsen
Notary Public in and for Midland
County, Texas

HELEN R. KETELSEN