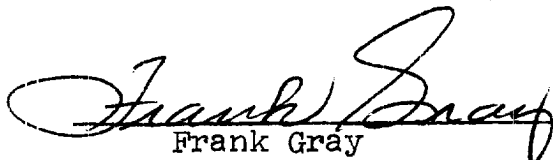


STATE OF NEW MEXICO }
COUNTY OF SAN JUAN } ss

I, Frank Gray, being first duly sworn upon my oath,
depose and state:

That I am superintendent of drilling and production operations in the Farmington, New Mexico, area for Caulkins Oil Company and in that capacity supervised the drilling of their Breech "F" D-1 Well located in the Northeast Quarter of Section 33, Township 27 North, Range 6 West, Rio Arriba County, New Mexico, that the drilling of said well was completed October 14, 1962, and that following is a correct record of hole deviation tests made during the drilling of the well.

<u>Depth</u>	<u>Deviation from Vertical (Degrees)</u>
252	1/4
750	1/2
1248	3/4
1541	3/4
2254	1/4
2447	1
3000	1/2
3617	1/4
3709	1/4
4080	1/2
4569	1
5164	1
5650	1 1/2
6171	1 1/2
6503	3/4
7034	1 1/4
7333	1 1/4
7507	1/2


Frank Gray

Subscribed and sworn to before me, a Notary Public in
and for San Juan County, New Mexico, this 20th day of November,
1963.


Notary Public

My Commission expires:
September 6, 1965.

