



THE ATLANTIC REFINING COMPANY

INCORPORATED - 1970

PETROLEUM PRODUCTS

March 19, 1963

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DOMESTIC PRODUCING DEPARTMENT
NEW MEXICO DISTRICT

BOONE MACAULAY, DISTRICT MANAGER
R. F. CHAMPION, DISTRICT LANDMAN
W. T. EASTES, DISTRICT GEOPHYSICIST
E. R. DOUGLAS, DISTRICT GEOLOGIST
A. D. KLOXIN, DISTRICT DRLG. & PROD. SUP'T.
W. P. TOMLINSON, DISTRICT ENGINEER
B. R. WARE, ADMINISTRATIVE SUPERVISOR

MAILING ADDRESS
P. O. BOX 1978
ROSWELL, NEW MEXICO

Mr. Joe D. Ramey
N.M. Oil Conservation Commission
P. O. Box 2045
Hobbs, New Mexico

Dear Mr. Ramey:

In accordance with our verbal understanding, I submit the following deviation calculations for our Langlie Federal "A" No. 2 Well. This well is located in Unit letter "G", Section 14, T-25-S, R-37-E, Lea County, New Mexico, and was drilled to a total depth of 5650' in March, 1963. I calculated that the maximum possible "bottom hole" location * could be 259 feet from the surface location.

<u>Depth Interval</u>	<u>Feet</u>	<u>Avg. Deviation</u>	<u>Horizontal Drift (Ft)</u>
0 to 1500'	1500' x 1°	=	26.25'
1500 to 2100'	600' x 1½°	=	15.72'
2100 to 3900'	1800' x 2½°	=	78.48'
3900 to 4410'	510' x 3°	=	26.67'
4410 to 4800'	390' x 6°	=	40.76'
4800 to 5150'	350' x 5½°	=	33.55'
5150 to 5650'	500' x 4½°	=	37.07'
Totals	5650'		* 258.50'

According to the interpretation of NMOCC Rule 111 discussed with you and because this well is located 330' from the nearest lease line, we did not run a deviation survey. I am also enclosing two notarized copies of the Drilling Contractor's deviation tests and a copy of electric logs run on this well.

Yours very truly,

O. D. Bretches
O. D. Bretches
District Drilling Supervisor

ODB/mea
Enclosures

cc: Mr. E. W. Standley