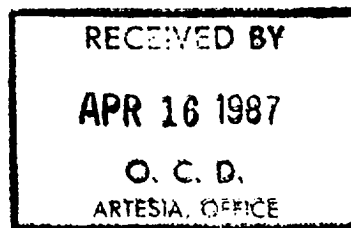


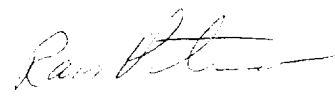
Harvey E. Yates Company
Caviness 10 Federal #1 10-18-33
Lea County, N.M.

STATE OF NEW MEXICO
DEVIATION REPORT



415	3/4
911	1/2
1396	3/4
1885	1
2380	3/4
2494	3/4
2990	1 1/2
3150	1 1/2
3637	1 1/2
4134	1 1/2
4382	1 3/4
4626	1 3/4
4876	1 1/4
5370	3/4
5860	1 1/4
6171	1
6419	1
6914	1 1/2
7170	1 1/4
7669	3
7797	3
7920	2 3/4
8046	2 1/2
8170	2 1/2
8295	2 1/2
8422	2 1/2
8560	2 1/2
8675	2 1/4
8730	2 1/4
9150	2 1/2
9600	1 1/4

STATE OF TEXAS I


By: Ray Peterson

COUNTY OF MIDLAND I

The foregoing instrument was acknowledged before me this 3rd day of April, 19 87, by Ray Peterson on behalf of Peterson Drilling Company.


Notary Public for Midland County,
Texas

My Commission expires: 8/2/88