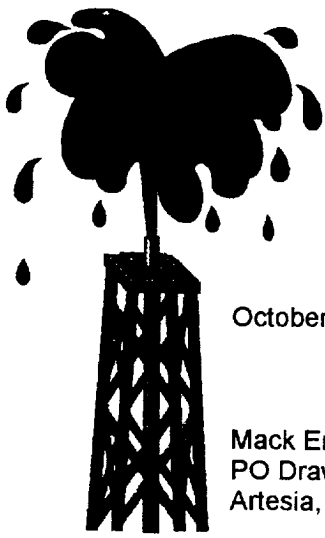




Artesia Fishing Tool Co., Inc.

Oil Well Drilling Contractors
PO Box 1370 Artesia, NM 88211-1370
505/746-6651 746-3518 fax 748-2205

October 16, 1997

Mack Energy Corporation
PO Drawer 960
Artesia, NM 88211-0960

RE: Yucca State #2
2310' FSL & 1650' FWL
Sec. 16, T17S, R31E
Eddy County, New Mexico

Gentlemen:

The following is a Deviation Survey for the above captioned well.

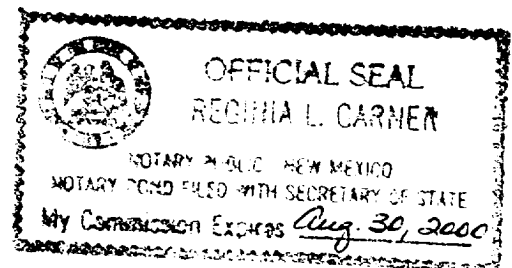
DEPTH	DEVIATION	DEPTH	DEVIATION
163'	3/4	3068'	1 3/4
625'	1	3506'	3/4
1126	3/4	4004'	2
1626'	1/2	4501	2
2080'	1	5001'	2 1/2
2574'	1	5505'	2 1/2

Very truly yours,

Eddie C. LaRue
Vice President

STATE OF NEW MEXICO }
COUNTY OF EDDY }

The foregoing was acknowledged before me
this 16th day of October, 1997.

Notary Public

97_861.DOC

Serving Southeast New Mexico and West Texas Since 1974