



# Artesia Fishing Tool Co., Inc.

Oil Well Drilling Contractors

PO Box 1370  
505/746-6651

Artesia, NM 88211-1370  
746-3518 fax 748-2205

July 11, 2005

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

RECEIVED  
JUL 12 2005


RE: Willow State #7  
330' FSL & 330' FEL  
Sec. 15, T17S, R31E  
Eddy County, New Mexico

Gentlemen:

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

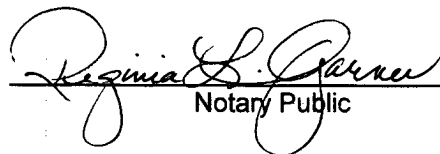
DEPTH	DEVIATION	DEPTH	DEVIATION
325'	3/4°	2748'	3/4°
598'	1/2°	3058'	1 3/4°
971'	1 1/2°	3274'	1°
1065'	1 1/4°	3798'	1°
1315'	1°	4120'	1 1/4°
1563'	1 1/4°	4399'	2°
1750'	1/2°	4648'	1 1/4°
1969'	1/4°	4863'	1°
2156'	3/4°	5325'	1°
2382'	1°		

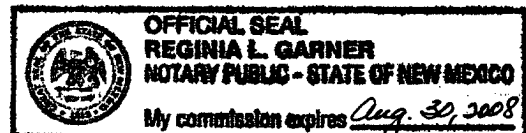
Very truly yours,

  
Eddie C. LaRue  
Vice President

STATE OF NEW MEXICO }  
COUNTY OF EDDY }

The foregoing was acknowledged before me  
this 11<sup>th</sup> day of July, 2005.

  
Notary Public



05-1339

*Serving Southeast New Mexico and West Texas Since 1974*