

# Artesia Fishing Tool Co., Inc.

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

RECEIVED

October 15, 2003

OCT 15 2003

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

RE: J C Federal #3  
2310' FSL & 330' FWL  
Sec. 22, T17S, R32E  
Lea County, New Mexico

Unit L  
30-025-35988

Gentlemen:

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

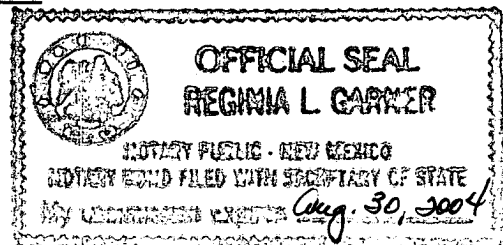
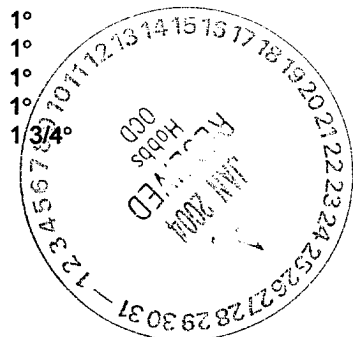
DEPTH	DEVIATION	DEPTH	DEVIATION
190'	1/4°	2970'	3/4°
547'	1°	3403'	1°
800'	1 1/2°	3838'	1°
1046'	1 3/4°	4337'	1°
1486'	1 3/4°	4803'	1°
1858'	1 3/4°	5238'	1°
2046'	1 3/4°	5347'	1 3/4°
2535'	3/4°		

Very truly yours,

Eddie C. LaRue  
Vice President

STATE OF NEW MEXICO }  
COUNTY OF EDDY }

The foregoing was acknowledged before me  
this 15<sup>th</sup> day of October, 2003.

  
Notary Public

03-1241

*Serving Southeast New Mexico and West Texas Since 1974*