

L & M DRILLING, INC.

OIL WELL DRILLING CONTRACTORS
PO BOX 1370 ARTESIA, NEW MEXICO 88211-1370
(505) 746-4405 746-3518 748-2205

RECEIVED

March 23, 2004

MAR 23 2004

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

RE: Weasel Federal #4
2310' FSL & 990' FEL
Sec. 31, T17S, R32E
Lea County, New Mexico

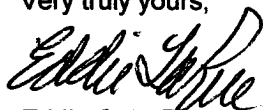
Unit I
30-025-36586

Gentlemen:

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

DEPTH	DEVIATION	DEPTH	DEVIATION	DEPTH	DEVIATION
250'	3/4°	2110'	1 1/2°	3556'	2 1/4°
511'	2°	2194'	1 1/2°	3682'	2 1/2°
650'	2°	2315'	1 1/4°	3805'	2°
864'	2 3/4°	2470'	1 1/4°	3990'	2 1/2°
953'	3 1/4°	2627'	1 1/2°	4145'	2°
1052'	3°	2782'	1 1/4°	4393'	2°
1200'	2 3/4°	2937'	1 3/4°	4644'	2 1/2°
1358'	2 1/2°	3057'	1 3/4°	4890'	3 1/4°
1607'	2°	3216'	1 3/4°	5017'	2 1/2°
1852'	3/4°	3335'	2°	5078'	2 1/2°
2099'	1°	3433'	1 3/4°	5100'	2 1/2°

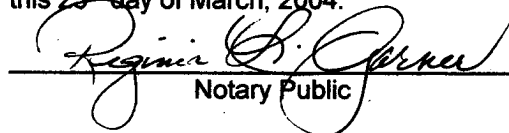
Very truly yours,



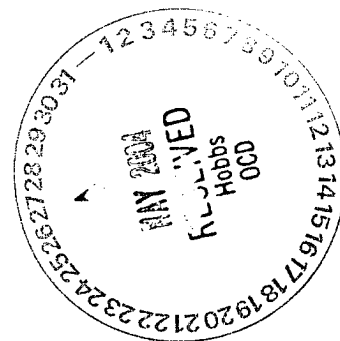
Eddie C. LaRue
Vice President

STATE OF NEW MEXICO }
COUNTY OF EDDY }

The foregoing was acknowledged before me
this 23rd day of March, 2004.



Notary Public



04-03-38

SERVING SOUTHEAST NEW MEXICO AND WEST TEXAS SINCE 1978

