LEM DRILLING, ING.

OIL WELL DRILLING CONTRACTORS

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

August 27, 2004

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

RE:

B C Federal #9 2295' FNL & 990' FWL Sec. 19, T17S, R32E Lea County, New Mexico

Unit E 30-025-36769

Gentlemen:

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

269' 1/2° 3707' 1/2° 405' 1° 4050' 1° 545' 1° 4419' 1°	
545' 1° 4419' 1°	
· · · · · · · · · · · · · · · · · · ·	
0571 40	
657' 1° 4764' 1° (2202120)	
657' 1° 4764' 1° 946' 1° 5009' 1° 1° 1229' 2° 5354' 1 1/2° 1572' 2 1/4° 5622' 1 3/4° 2007' 1° 5947' 1 1/4° 2309' 3/4° 6275' 1 1/2°	3/
1229' 2° 5354' 1 1/2° (6 <sup>5</sup> )	4
1572' 2 1/4° 5622' 1 3/4° /5	<i>[57]</i>
2007' 1° 5947' 1 1/4° /女 多氮。	* 18/
2009 3/4 0210 1 1/2 m 25 , es	7
2559' 3/4° 6289' 1 1/4° \(\frac{7}{27}\) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	28
2559' 3/4° 6289' 1 1/4° \ 2 6605' 3/4° \ 6605' 3/4°	<u>بر</u> ز /
3303' 3/4°	ζυ/
\`o_	(V)
urs,	<b>'</b>
0345	

Very truly yours

Eddie C. LaRue Vice President

STATE OF NEW MEXICO COUNTY OF EDDY

The foregoing was acknowledged before me

this 27th day of August, 2004.

Notary Public

OFPICIAL SEAL
REGINIA L. GARNER
CHAPT FULLE: NEW EETICO
RETIRET EED PED BEHT SERVITAN CT STATE
DE CARROLL SEAT CON SERVITAN CT STATE
DE CARROLL SEAL
DE CARR

RECEIVED

AUG 3 1 2004

04-08-79

SERVING SOUTHEAST NEW MEXICO AND WEST TEXAS SINCE 1978

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