



Silver Oak Drilling, LLC

PO Box 1370
Artesia, NM 88211-1370
505/748-1288

July 7, 2006

COG, LLC
c/o Mack Energy Corporation
Fasken Center, Tower II
550 West Texas Ave, Suite 1300
Midland, TX 79701

30-025-37869

RE: BC Federal #12 Unit C
330' FNL & 1750' FWL
Sec. 19, T17S, R32E
Lea County, New Mexico

Dear Sir,

The following is the Deviation Survey for the above captioned well from 3/1/06 to TD.

DEPTH	DEVIATION
150'	1/2°
266'	1°
380'	2°
466'	3 1/2°
556'	4 3/4°
618'	4°
669'	4 3/4°
678'	4°
733'	3 1/2°
823'	3°
938'	2°
1060'	1 3/4°
1215'	1°
1480'	3/4°
1957'	2°

DEPTH	DEVIATION
2104'	2 1/4°
2210'	1°
2490'	1°
2801'	1/2°
3207'	2 1/2°
3301'	1°
3647'	1°
4050'	1 1/4°
4394'	2°
4741'	1 1/2°
5008'	1/2°
5350'	1/2°
5800'	3/4°
6198'	3/4°
6602'	3/4°

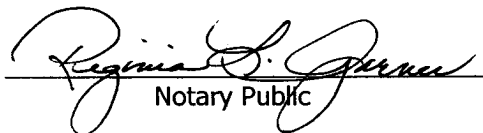


Very truly yours,


Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 7th day of July, 2006.


Notary Public

