



Silver Oak Drilling, LLC

PO Box 1370
Artesia, NM 88211-1370

May 12, 2006

COG, LLC
c/o Mack Energy Corporation
PO Box 960
Artesia, NM 88211-0960

RE: Harvard Federal #5
2310' FNL & 990' FEL
Sec. 11, T17S, R30E
Eddy County, New Mexico

Dear Sir,

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

DEPTH	DEVIATION	DEPTH	DEVIATION
206'	3/4°	2530'	1 3/4°
402'	1/4°	2967'	1 3/4°
616'	1°	3435'	1 3/4°
1024'	1/4°	3935'	1 3/4°
1284'	1°	4461'	2 1/2°
1534'	1 3/4°	4963'	2°
1783'	1 3/4°	5459'	1°
2032'	1 1/2°	5958'	2 3/4°
2282'	2°	6250'	2 1/4°

Very truly yours,

Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 12th day of May, 2006.

Notary Public

