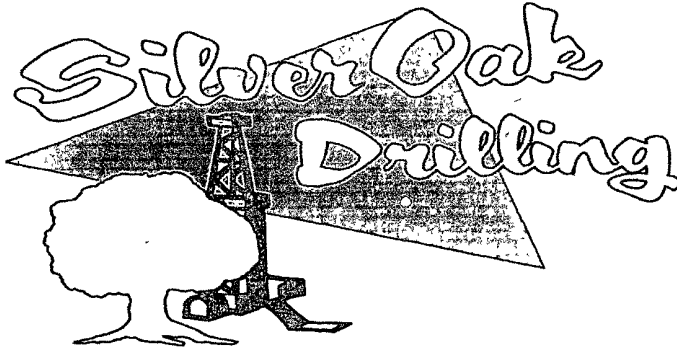




PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288

30. 015. 36707

April 15, 2009

COG, LLC
Fasken Center, Tower II
550 West Texas Ave, Suite 1300
Midland, TX 79701

RE: Polaris B Federal #21
2160' FSL & 915' FEL
Sec. 16, T17S, R30E
Eddy County, New Mexico

Dear Sir,

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

<u>DEPTH</u>	<u>DEVIATION</u>	<u>DEPTH</u>	<u>DEVIATION</u>	<u>DEPTH</u>	<u>DEVIATION</u>
240.00	0.50	1893.00	0.25	3909.00	0.25
749.00	1.50	2363.00	1.00	4384.00	0.50
1001.00	1.00	2620.00	1.00	4761.00	1.00
1310.00	0.25	3120.00	1.50	5202.00	0.00
1580.00	1.00	3409.00	1.00	5640.00	1.50

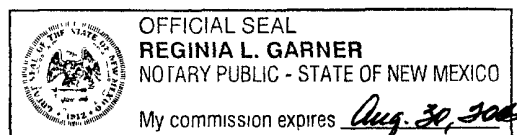
Very truly yours,

Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 15th day of April, 2009.

Notary Public



COG Polaris B Fed #21

T.O.C. @ 210' TD @ 381'

