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L & M DRILLING, INC. — Oil Well Drilling Contractors

XXXXXXXXXX
P.O. Box 1370 / ARTESIA, NEW MEXICO 88210
PO Box 1370

January 31, 1995

Santa Fe Energy Operating Partners
550' W. Texas, Suite 1330
Midland, TX 79701

RE: White Swan "9" Federal No. 3
1980' FSL & 1980' FEL
Sec. 9, T22S, R32E
Lea County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION	DEPTH	DEVIATION
413'	1°	3988'	3°
615'	3/4°	4085'	2 3/4°
1117'	1/2°	4145'	2 1/2°
1603'	1/2°	4241'	5°
2143'	1 3/4°	4272'	4 3/4°
2643'	2 1/2°	4390'	4 3/4°
2900'	2°	4486'	2°
3025'	1 1/2°	4515'	2°
3181'	2°	4684'	1°
3338'	2 1/2°	4883'	1 3/4°
3494'	3 1/2°	5383'	1°
3587'	1 1/2°	5879'	1/2°
3711'	3 3/4°	6318'	1/2°
3806'	3°	6877'	1/2°
3898'	3 1/4°	7375'	1°
		7622'	1°

Very truly yours,

Eddie C. LaRue
Drilling Superintendent

STATE OF NEW MEXICO }
COUNTY OF EDDY }

The foregoing was acknowledged before me
this 31st day of January, 1995.

Notary Public