ARAPAHOE DRILLING CO.

P.O. BOX 2078 • FARMINGTON, NEW MEXICO 87401

JOHN E. SCHALK MANAGING PARTNER

OCTOBER 24, 1974

AREA CODE 505 The EPHONE: 325-5018

DEVIATION RECORD

RE: SCHALK 49 WELL NO. 3

SECTION 23, TOWNSHIP 30 NORTH, RANGE 4 WESTO RIO ARRIBA COUNTY, NEW MEXICO

WELL SPUDDED: 12-18-73 TOTAL DEPTH: 4450'

REACHED TOTAL DEPTH: 12-28-73

DATE	FOOTAGE	DEVIATION
12-18-73	182 *	1/2°
12-19-73	7 0 7 †	1/2°
12-19-73	1332	3/4°
12-19-73	15031	3/4°
12-20-73	1927 1	3/4°
12-20-73	23321	3/4°
12-21-73	28011	1/2°
12-22-73	3237 '	3/4°
12-22-73	3508 '	3/4°
12-27-73	4337 '	1 °

ARAPAHOE DRILLING COMPANY

DONNA G. HUGHES OFFICE MANAGER

STATE OF NEW MEXICO COUNTY OF SAN JUAN

ON THIS 24TH OF OCTOBER, 1974 BEFORE ME, A NOTARY PUBLIC, IN AND FOR SAID COUNTY, PERSONALLY APPEARED DONNA G. HUGHES, OFFICE MANAGER OF ARAPAHOE DRILLING COMPANY AND WHO IS PERSONALLY KNOWN TO ME, AND MAKES OATH THAT THE MATTERS SET FORTH IN THE FOREGOING STATEMENT ARE TRUE.

MY COMMISSION EXPIRES:

NOTARY PURL TO