REPORT of SUB-SURFACE SURVEY

REICHHOLD ENERGY CORP. LONGVIEW FIBES 12-33

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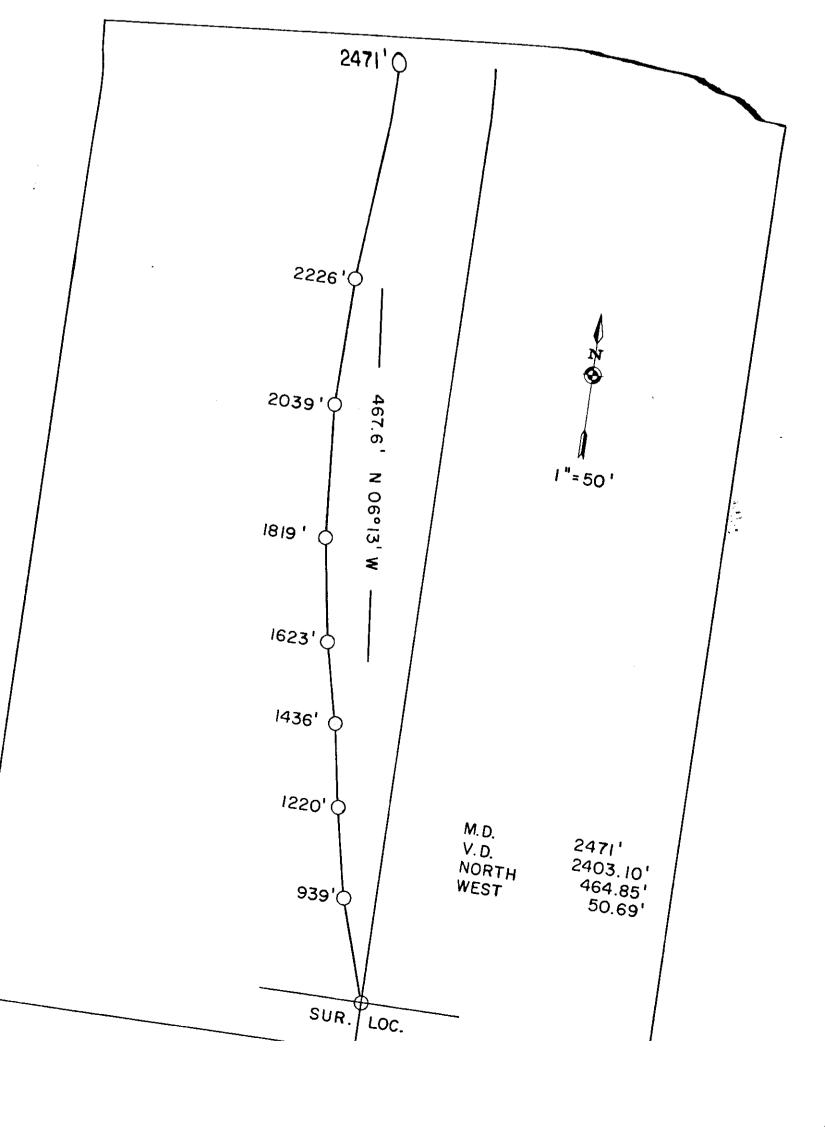
DIRECTIONAL DRILLING, INC.

JOB NO. B 3130

DATE 09/29/81

BAKERSFIELD Phone: 324–3574

DIRECTIONAL DRILLING, INC. **JOB NOB3130** COMPANY REICHHOLD ENERGY CORPORATION ADDRESS WELL LONGVIEW FIBES 12-33 FIELD MIST COLOMBIA STATE OREGON _COUNTY_ TERMINAL TOTAL COORDINATES TERMINAL DIRECTION OF VERTICAL DEPTH DRIFT MEASURED SOUTH **WEST** CLOSURE EAST DEPTH DEVIATION NORTH ASSUMED VERTICAL AT THIS DEPTH <u>450</u> 450.00 2.07 .67 533 N 18 W 532.97 627 5°451 N 14 W 626.70 8.96 2.65 752 8°30' N 23 W 750.73 23.66 7.57 846 9°30' N 22 W 37.25 843.58 13.19 9° 939 N 13 W 935.37 51.51 17.69 9° 992 N 10 W 987.71 59.63 19.34 10° 1159 N 10 W 1152.42 86.77 24.13 10°15' 1220 N 13 W 1212.47 97.28 26.27 1311.74 11° N 10 W 29.98 1321 115.53 12° 1424.43 1436 N 13 W 138.00 34.55 1623 14°30' N 13 W 1606.45 179.76 44.19 53.29 1819 16°30' N 07 W 1795.33 231.34 2004.71 2039 19°15' N 02 W 298.66 58.59 22° 2226 N 02 E 2179.72 364.53 58.59 2471 26°30' 2403.10 464.85 50.69 N 07 E CLOSURE: | 467.6' N 06° 13' W ALL METHODS OF CALCULATIONS ARE AVERAGE ANGLE MD 100 1306 2180 .522 2226 2354 2471 2403 MU 2-43 2286



2471'Q

