



EXHIBIT "B"

SAN JUAN 29-5 UNIT
Rio Arriba County, New Mexico

Geologic Report
Dakota Formation

PROPOSED TWELFTH & THIRTEENTH EXPANSIONS
OF THE DAKOTA PARTICIPATING AREA

NORTHWEST PIPELINE CORPORATION

BY:

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GENERAL INFORMATION

The San Juan 29-5 Unit is located in the east central portion of the San Juan Basin, Rio Arriba County, New Mexico. The original unit area consisted of all of Township 29 North, Range 5 West, which contains 22,521.54 acres. All of parts of Sections 1, 2, 3, 4, 10, 11, 12, 13, 14, 15, 23 and 24, totaling 5,168.62 acres have been eliminated from the Unit. The present area of the San Juan 29-5 Unit is comprised of 17,352.92 acres.

Within the non-eliminated portion of Township 29 North, Range 5 West, the "Dakota Producing Interval", has been tested in thirty-two (32) locations with the following results: Twenty-five (25) wells are interpreted as being capable of producing unitized substances in commercial quantities, twenty-three (23) of which are currently producing; three (3) wells are considered non-commercial, one of which has never produced; and four (4) wells have been plugged and abandoned.

Included as part of this report are two maps entitled Exhibit "C". Exhibit "C". Figure 1, shows the subsurface structure of the "Dakota Producing Interval" as depicted by using the top of the Graneros as the mapping horizon and mean sea level as the datum plane. The contour interval used was 50 ft. Present structural control indicates that the "Dakota Interval" is dipping gently to the northeast. It is believed that stratigraphic conditions control the occurrence of hydrocarbon within the San Juan 29-5 Unit "Dakota Producing Interval".

The isopachous map is drawn with a contour interval of ten (10) feet, showing the number of feet of net reservoir sand of Dakota formation in the unit area and adjacent areas. The isopachous map is Exhibit "C", Figure 2.

Exhibit "D" is the production data for all 29-5 Unit Dakota wells. This table shows by wells the Absolute Open Flow potential, date of the first delivery into the gathering system, cumulative gas production to 1/1/79, production by months for 1979, and cumulative production to 1/1/80. Wells within the Dakota Participating Area have produced a cumulative total of 13,202,771 MCF as of 1/1/80.

PROPOSED EXPANSIONS OF THE DAKOTA PARTICIPATING AREA

Proposed Twelfth Expansion

Effective Date: August 1, 1978

Proposed Expanded Acreage: Committed acreage in the E/2 of Section 33,
T29N, R5W, all of Section 34, T29N, R5W, and
the W/2 of Section 35, T29N, R5W
Rio Arriba County, New Mexico

Proposed Thirteenth Expansion

Effective Date: September 1, 1978

Proposed Expanded Acreage: Committed acreage in the E/2 of Section 35,
T29N, R5W
Rio Arriba County, New Mexico

All pertinent data is attached hereto as a part of this report.

The proposed expansions of the Dakota Participating Area are based upon electrical log interpretation, initial well test results and actual production from the San Juan 29-5 Unit wells. From this data, it is inferred that the proposed expanded acreage is capable of producing unitized substances in commercial quantities from the Dakota formation and the committed acreage should be admitted to the participating area.