EL PASO NATURAL GAS PRODUCTS COMPANY POST OFFICE BOX 1161, EL PASO, TEXAS May 7, 1959 Mr. A. L. Porter, Sec. & Dir. N. M. Oil Conservation Commission Post Office Box 871 Santa Fe. New Mexico Subject: Application for Dual Completion Dear Mr. Porter: This is a request for administrative approval of a well dually completed in the Gallup and Dakota Formations. The well, our Frontier No. 2-B (GD), is located 790'/N and 790'/W, Section 9, Township 27N, Range IIW, N.M.P.M., San luan County. New Mexico. The well is located within one mile of a similarly dually completed well. Storage facilities are being constructed so that the oil from the Gallup Formation and the liquid from the Dakota Formation will not be commingled and will be measured separately. The El Paso Natural Gas Products Company owns the leases bordering the 320 acres (W/2 Section 9. Township 27N, Range 11W) dedicated to this well. Therefore, the approval of any offset operators has not been sought. Enclosed you will find a diagrammatic sketch of the dual completion, plat showing location of wells on lease and offset leases, packer setting affidavit, packer leakage test, and the electric log showing tops of formations. The Dakota Formation will be tied in to a gas gathering system in the near future. Therefore, the approval of this application would be appreciated as soon as possible. Very truly yours, Original Signed EWELL N. WALSH ENW: EW Ewell N. Walsh Enc: Division Petroleum Engineer Mr. Bmery Arnold-OCC-Aztec cc: Mr. Phil McGrath-USGS-Farmington Mr. I. C. Vandiver Frontier Refining Company COPY

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#### Original Signed EWELL N. WALSH

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## EL PASO NATURAL GAS PRODUCTS COMPANY SCHEMATIC DIAGRAM OF DUAL COMPLETION FRONTIER NO. 2-B (GD)

**DUAL STRING** XMAS TREE

NW NW Section 9, Township 27N, Range 11W

10-3/4", 32.75#, J-55, ST & C Surface Casing (178°) set at 192° with 200 sacks cement circulated to the surface.

Gallup Production Tubing 2-3/8", 4.70#, J-55, (5869') set at 5887' with Latching Sub Set in Baker Model 699 Parallel String Anchor. 5860° Integral Joint (Hardy-Griffin) EUE Tbg. with 9' Accessories.

Baker Model "J" Stage Cementing Collar Set at 2246'. Cemented with 100 Sacks Cement. Top of Cement by Temperature Survey at 1740°.

7", 23.00# Production Casing (Lower 1019' N-80, Upper 5700' J-55); set at 6719' with 200 sacks cement. Top of cement by Temperature Survey at 4720'.

Dakota Production Tubing 2-3/8" OD; 4.70#, J-55 ( 6434') set at 6447'. 14' Accessories; 6419' J-55 EUE Tbg.

Gallup Formation Perforated 5854°-78° (4 sh./ft.) Sandoil Fractured with 35,700 gals. oil & 45,000 # sand.

Pump Seating Nipple (1-25/32" ID) set at 5875°.

Baker Model 699 Parallel String Anchor Set in Dakota Production Tubing at 5887°.

Baker Model "D" Permanent Type Completion Packer set at 6441'.

Dakota Formation Perforated 6506'-6550' (4 sh./ft.). Sandoil Fractured with 36,624 gals. oil & 45,000 # sand.

TD 6722°

COTD - 6600°

# EL PASO NATURAL GAS PRODUCTS CO.

Plat showing offset leases to

### FRONTIER No. 2-B(GD)

NW NW Sec.9, T27N — RIIW

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STATE OF NEW MEXICO	
COUNTY OF SAN JUAN	
. Mack Mahaffey	, being first duly sworm upon
my oath hepose and say as tollows:	
Lam an employee of Baker (	il Tools, Inc., and that on March 28,
14 59, I was called to the location	of the El Paso Natural Gas Products Company
Frontier No. 2-B (GD) (Well Number)	Well located in the NW/4 NW/4
of Section 9, Township	27N , Range 11W , N.M.P.M., for
advisory service in connection with	asstallation of a production packer. In my
presence, a Baker Model D	Production Packer was set in this well at
6441 feet in accordance with	to the usual practices and customs of the industry.
	Mach Manager  Branch Manager
	Fire me, a Notary Public in and for San Juan County,  April , 19 59 .
	Notary Public in and for San Juan County, New Mexico.