

5. Douglas Station (Sabina to Texas City line, Nacogdochas County, Texas)

Douglas is an unmanned booster or relay station owned and operated by APL. It receives crude from Sabina Station. There is storage for TA (asphaltic/sour) and TP (paraffinic/sweet) crude.

Douglas Station Equipment. The Douglas Station includes pipelines, tanks, meters, measurement facilities, pumps, valves, scraper traps, fittings, connections and other appurtanances, including without limitation, tha following:

- a. Pumping Unit: There is ona pumping unit. Unit #1 is a Bingham 6-stage centrifugal pump with a 1,000 HP E.M. Electric motor.
- b. Booster Pump: There is ona 200 HP boostar pump.
- c. Control Valve: There is one ANSI 600 8-inch control valve at this location, which is located downstream of the unit so it automatically controls tha station suction and discharge pressure.
- d. Motor-Operated Block Valves: There are seventean motor-operated valves that can be used to control operations. Of these seventeen: (a) eight are in the suction/discharga lines; (b) ona is a crossover valve between TA and TP; (c) ona is a mainline block valva; (d) one is a suction valve sequenced with the start-up of the mainline unit; (e) two are adjacent to the mainline to divart TA and TP crude to their tankage; and (f) four are manifold valves.
- e. Meters: Thera are two orifice maters which ara in the incoming lina and the outgoing line South.
- f. Gravitometers: There are two gravitometers, one loceted on the incoming line from Sabina and ona on the outgoing line to San Jacinto.
- g. Relief Valve: There is ona ANSI 600 8-inch relief valve in tha outgoing line to San Jacinto Junction which relieves to the incoming lina. It is used to protect the line South of Douglas.
- h. Tankage: Thera are two 55,000 bbl tanks (Nos. 353 and 354) and two 80,000 bbl tanks (Nos. 403 and 404)