

IT IS THEREFORE ORDERED THAT:

(1) The applicant, Plains Petroleum Company, is hereby authorized to institute a cooperative pressure maintenance project on portions of its E. C. Hill "B" Federal and Baylus Cade Federal Leases, said project area to comprise the SE/4 of Section 34 and the SW/4 of Section 35, both in Township 23 South, Range 37 East, NMPM, Lea County, New Mexico, by the injection of water into the McKee formation of the Teague (Simpson) Pool through the gross interval from approximately 9,408 feet to 9,641 feet in the following described wells which will be converted to injection:

<u>WELL NAME</u>	<u>WELL LOCATION</u>
Baylus Cade Federal No. 5	985' FSL & 1650' FWL (N) 35-23S-37E
E.C. Hill "B" Federal No. 13	Surface Location 947' FSL & 1361' FEL (O) 34-23S-37E Bottomhole Location 1120' FSL & 1380' FEL (O) 34-23S-37E

(2) The operator shall take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface from injection, production, or plugged and abandoned wells.

(3) The injection of water into the above-described injection wells shall be accomplished through 2 3/8 inch internally plastic-lined tubing installed in a packer set within 100 feet of the uppermost injection perforations; the casing-tubing annulus in each well shall be filled with an inert fluid and a gauge or approved leak-detection device shall be attached to the annulus in order to determine leakage in the casing, tubing or packer.

(4) Prior to commencing injection operations into the subject wells, the casing in each well shall be pressure tested throughout the interval from the surface down to the proposed packer setting depth, to assure the integrity of such casing.

(5) The injection wells or pressurization system shall be initially equipped with a pressure control device or acceptable substitute which will limit the surface injection pressure to no more than 1881 psi.

(6) The Division Director shall have the authority to administratively authorize a pressure limitation in excess of the pressure limitation described above upon a showing by the operator that such higher pressure will not result in the fracturing of the injection formation or confining strata.

(7) The operator shall give advance notification to the supervisor of the Hobbs District Office of the Division of the date and time of the installation of injection equipment and of the mechanical integrity pressure tests in order that the same may be witnessed.

(8) The operator shall immediately notify the supervisor of the Hobbs District Office of the Division of the failure of the tubing, casing or packer in any of the injection wells, the leakage of water, oil or gas from or around any producing well, or the leakage of water, oil or gas from any plugged and abandoned well within the project area, and shall take such steps as may be timely and necessary to correct such failure or leakage.

(9) The subject pressure maintenance project is hereby designated the Hill-Cayless McKee Pressure Maintenance Project, and the operator shall conduct injection operations in accordance with Division Rule Nos. 701 through 708 and shall submit monthly progress reports in accordance with Division Rule Nos. 706 and 1115.

(10) The project allowable shall be equal to top unit allowable for the Teague (Simpson) Pool (275 barrels of oil per day) times the number of developed (production or injection) proration units within the project area. Unless additional producing or injection wells are drilled within the project area, the allowable shall be established at 1,375 barrels of oil per day.

(11) The transfer of allowable between wells within the project area shall be permitted.

(12) The subject pressure maintenance project is hereby approved as an "Enhanced Oil Recovery Project" pursuant to the "Enhanced Oil Recovery Act" (Laws 1992, Chapter 38, Sections 1 through 5).

(13) The approved "project area" shall initially comprise the SE/4 of Section 34 and the SW/4 of Section 35, Township 23 South, Range 37 East.

(14) To be eligible for the EOR credit, prior to commencing injection operations, the operator must request from the Division a Certificate of Qualification, which certificate will specify the proposed project area as described above.

