

APPLICATION OF PHILLIPS PETROLEUM COMPANY

1. Applicant seeks permission to institute a waterflood project in the Vacuum Grayburg - San Andres Pool, by the injection of water into the Grayburg - San Andres formation.
2. Applicant proposes to convert to water injection its Lea Wells No. 4 (Unit I) and No. 6 (Unit O), both in Section 29, Township 17 South, Range 34 East, N.M.P.M., Lea County, New Mexico.
3. Applicant represents that the wells in the project area are in an advanced stage of depletion.
4. Applicant represents that the proposed waterflood will result in the recovery of otherwise unrecoverable oil, thereby preventing waste and will not impair the correlative rights of others.
5. Applicant requests that administrative procedures be authorized whereby said project could be expanded to include additional lands and injection wells in the area of the said project as may be necessary in order to complete an efficient injection pattern; that said administrative procedure should provide for administrative approval for conversion to water injection in exception to the well response requirements of Rule 701 E-2 of the Commission Rules and Regulations.

DEPARTMENT OF ENERGY
OIL CONSERVATION DIVISION
<i>Phillips</i> _____
CASE NO. <u>5013</u>
Submitted by <u>Dale Fisher</u>
Hearing Date <u>6-27-73</u>

Phillips Petroleum Company

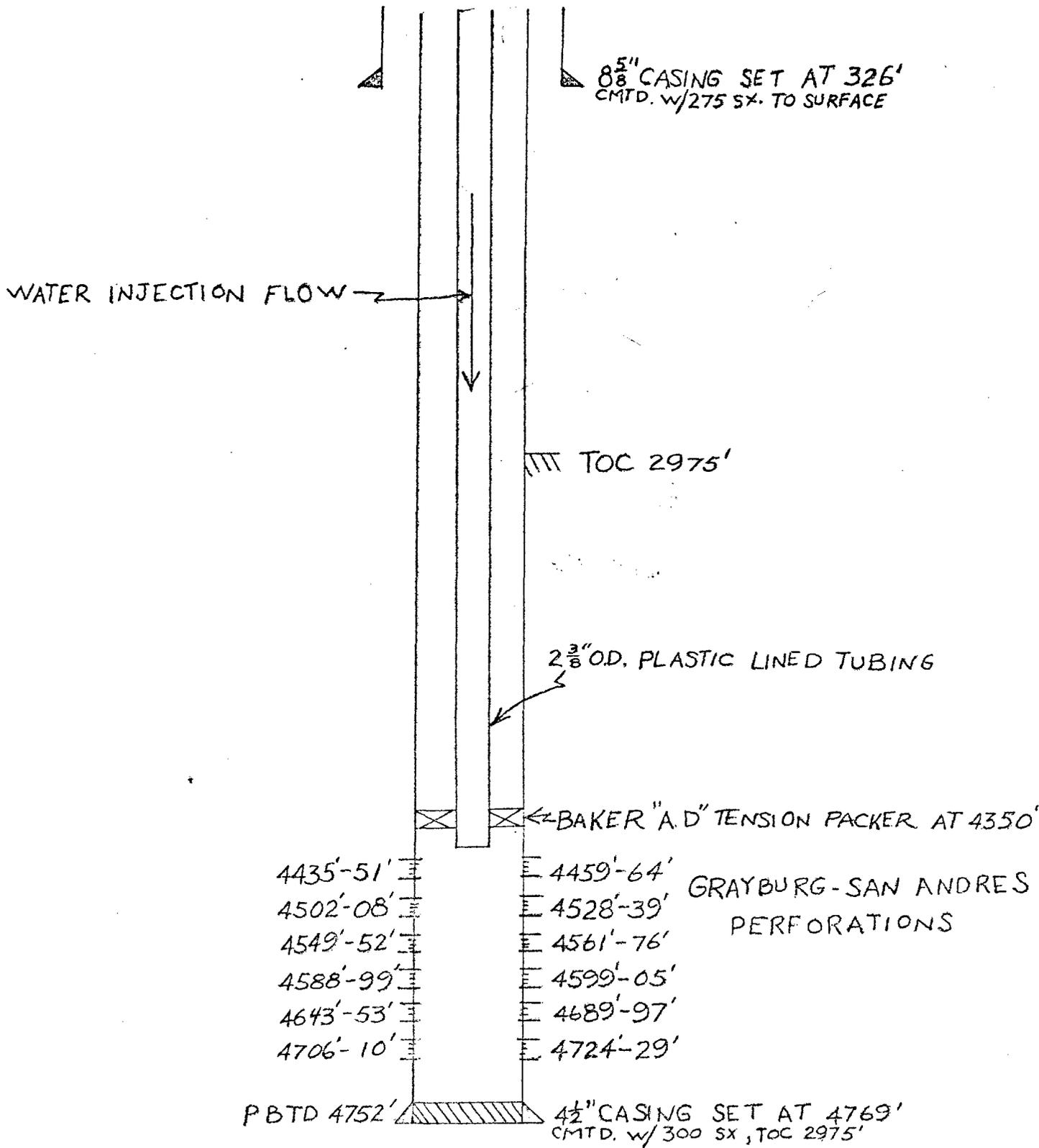
Application for Authority to Conduct Waterflood Operations

Lea Lease

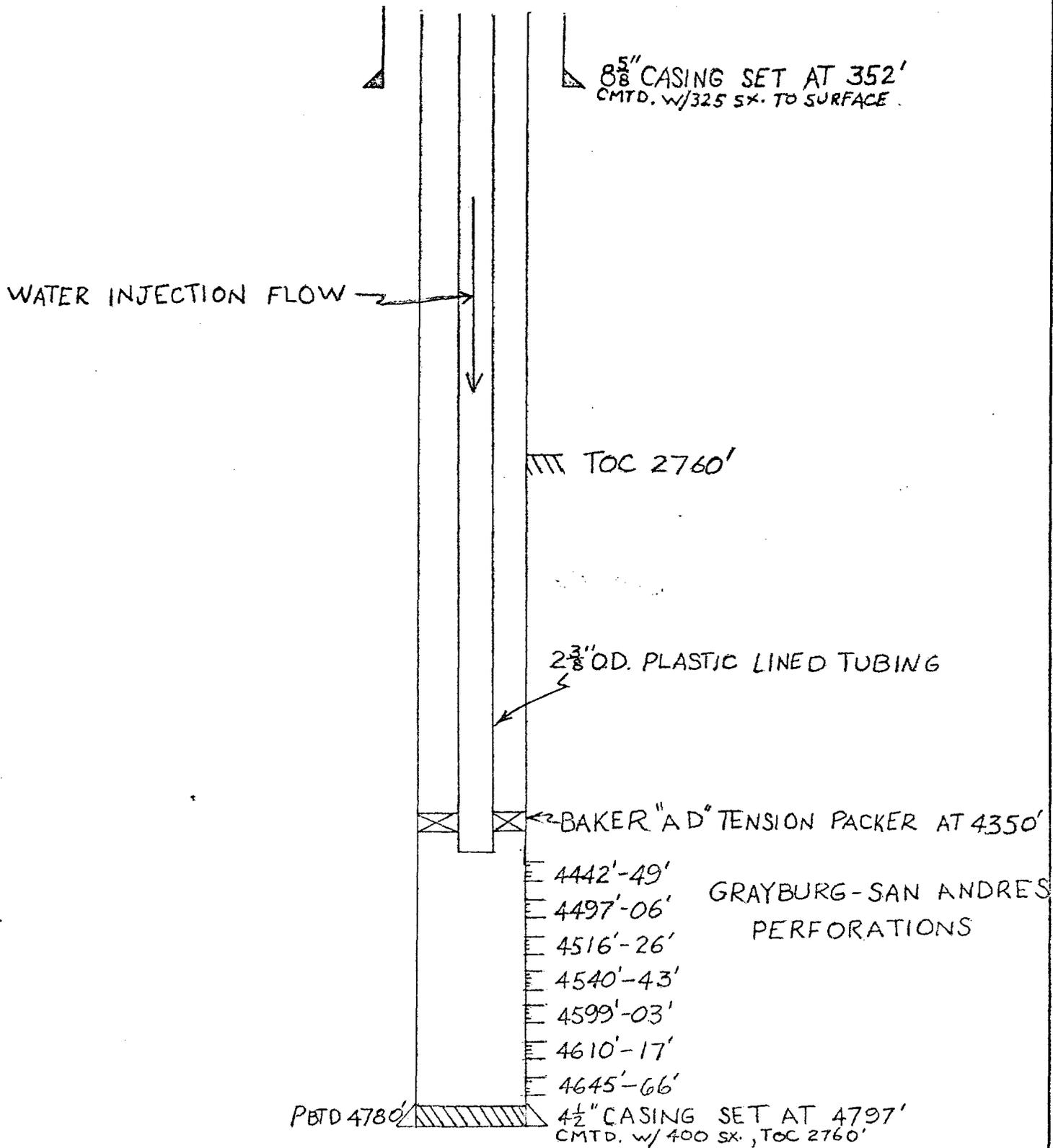
Vacuum Grayburg-San Andres Pool

Lea County, New Mexico

1. Injection Zone: Grayburg-San Andres interval between approximately 4400-4800'.
 2. Kind of Injection Fluid: Fresh water.
 3. Injection Volumes: 400 BFW/D/well.
 4. Source of Injection Fluid: Purchased from Texaco Inc.-- water rights in the Ogallala formation.
- 2500 H



PHILLIPS LEA NO. 4
SEC.29, T-17-S, R-34-E
LEA COUNTY, NEW MEXICO



PHILLIPS LEA NO. 6
SEC. 29, T-17-S, R-34-E
LEA COUNTY, NEW MEXICO