

TEXACO
INC.

PETROLEUM PRODUCTS



DEC 19 1969

DRAWER 728

HOBBS, NEW MEXICO 88240

December 17, 1969

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Spencer
Case 4295
Re: Approval To Convert Well
To Water Injection
Paduca Delaware Pool
Lea County, New Mexico

Attention: Mr. A. L. Porter, Jr.

Gentlemen:

TEXACO Inc. respectfully requests administrative approval of the New Mexico Oil Conservation Commission to convert to injection the Cotton Draw Unit Well No. 13 located in Unit G, Section 16, T-25-S, R-32-E. This well will serve as a back up well for TEXACO's Cotton Draw Waterflood Project authorized by Commission Order No. R-3314 and Tenneco Oil Company's Paduca Monsanto Waterflood Project authorized by Order No. R-3313. The proposed injector is located on a pattern compatible with the offsetting waterflood projects and will result in a more thorough and efficient sweep of the reservoir.

Injection will be into the Delaware Sand of the Paduca Delaware Pool at a depth of 4,638' - 4,736'. Initial injection will be at a rate of approximately 500 barrels of water per day at an estimated surface pressure of 400 psi. The source of water will be from supply wells located in Section 2, T-25-S, R-32-E, Lea County, New Mexico. Water from this source is obtained from the Rustler formation. Water injection facilities on TEXACO's Cotton Draw Waterflood Project will be utilized to inject into the proposed injection well.

The subject well was formerly owned and operated by Continental Oil Company and was designated as the State "Z"-16 Well No. 1. The well was purchased by the working interest owners in the Cotton Draw Unit participating area and Tenneco Oil Company with each party owning one-half interest in the well.

DOCKET MAILED

Date 1-9-70

December 17, 1969

Attached is a plat showing all wells and lessees within a two mile radius of the proposed injection well, a diagrammatic sketch of the well, and a log of the well. A pressure gauge will be installed in the casing-tubing annulus to detect any subsurface leakage.

Mr. Joe Ramey was consulted regarding this application and he advised that approval to convert the well could possibly be granted administratively under Rule 701 since the well is offsetting a full scale waterflood project. In the event that a hearing is required for the application, please schedule an examiner hearing at the earliest possible date.

Yours very truly,

W. D. Morgan

W. D. Morgan
District Superintendent

BRN-cr

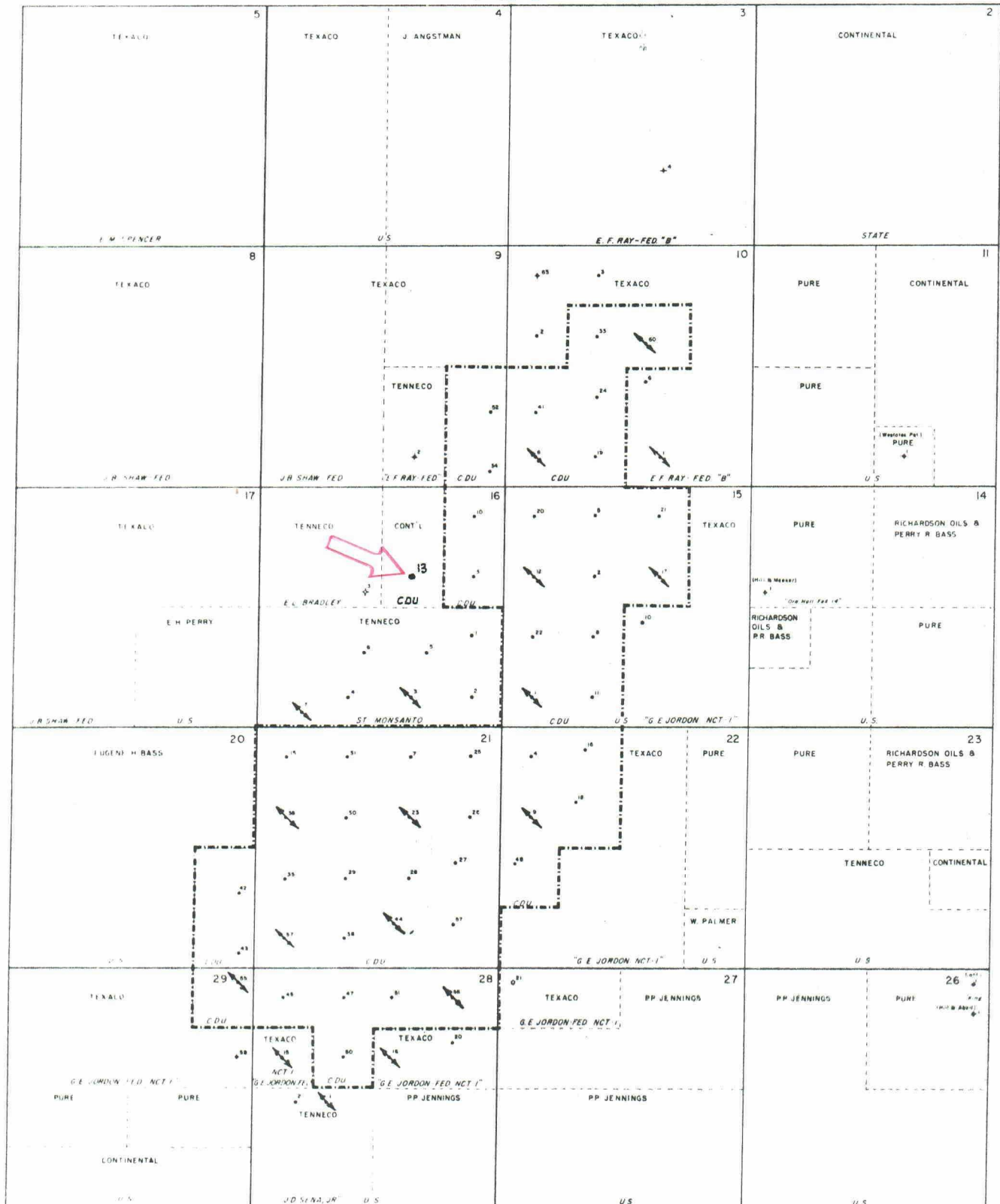
Attachment

cc: VSP

Tenneco Oil Co.

R-32-E

T
25
S



LEGEND

COTTON DRAW UNIT PARTICIPATING AREA

INJECTION WELLS

PADUCA DELAWARE FIELD
ENGINEERING COMMITTEE

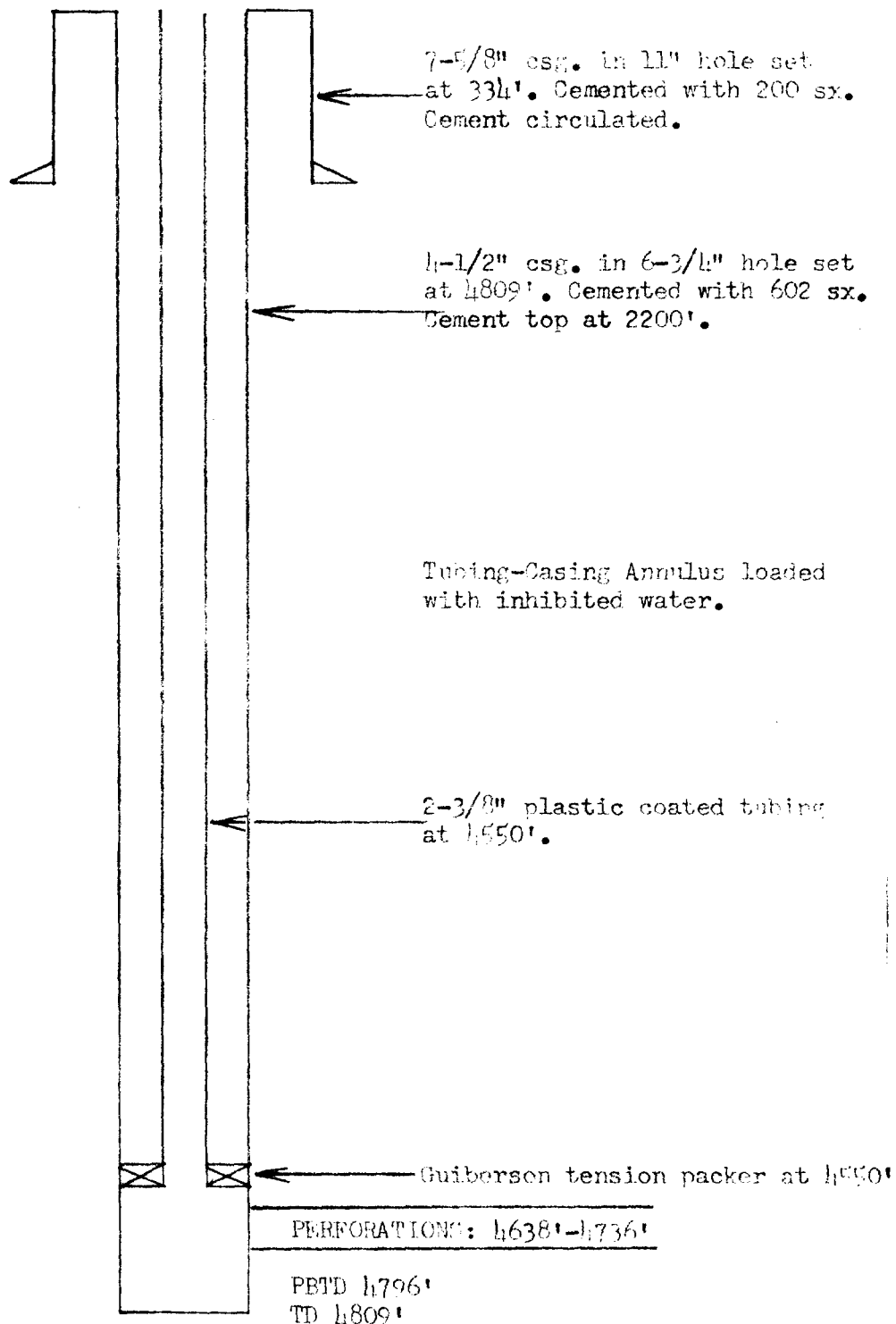
COTTON DRAW UNIT
PADUCA DELAWARE FIELD
LEA COUNTY, NEW MEXICO

Date: 9-10-64 Drawn By: JWD

Scale: 0 1 2

Effec: 4-1-61

Case 4295



DIAGRAMMATIC SKETCH OF TYPICAL INJECTION WELL
 TEXACO INC.
 COTTON DRAW UNIT WELL NO. 13
 PADUCA DELAWARE POOL
 LEA COUNTY, NEW MEXICO

Case 4295-