



Union Texas Petroleum Division

**ALLIED CHEMICAL CORPORATION**

1300 WILCO BUILDING • MIDLAND, TEXAS 79701

915, 682-0515

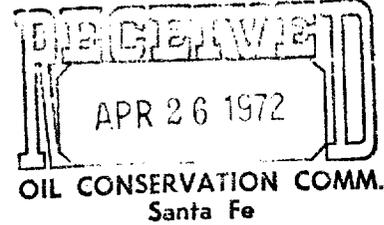
WFX-366

Blue May 11

April 11, 1972

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

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



Re: Application to convert to  
Injection Service

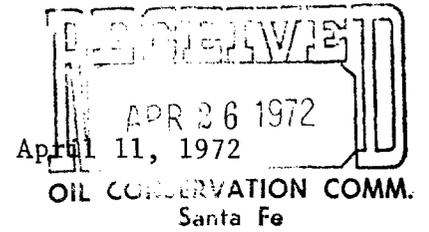
Gentlemen:

Attached, in triplicate, is our application to convert the Langlie-Jal Unit Well No. 21 to injection service. The subject well is located in Unit J, Section 32, Township 24 South, Range 37 East, Lea County, New Mexico. A hearing was held September 30, 1970, before the Conservation Commission on our application (Case No. 4430) for a waterflood project. Subsequent approval was received by Order No. R-4051, dated November 2, 1970. Testimony at the hearing mentioned the probability of expansion of the Unit to include acreage that at that time was a 40 acre window. The Unit Area has now been enlarged to include the subject acreage. To complete the 5-spot pattern originally proposed and approved, it will now be necessary to add one additional injection well.

As shown on the attached plat and diagrammatic sketch, injection will be into the Seven Rivers and Queen formations in the open hole interval from 3422 to 3575. Injection will be through plastic lined tubing below a packer set at approximately 3250'. Tubing-casing annulus will be filled with inhibited fluid. The well is completely surrounded by other Unit wells, and will complete four 5-spot patterns. Anticipated injection rate is 500 barrels of water per day. Injection water will be non-potable Seven Rivers and Capitan Reef water purchased from Skelly Oil Company. A log of the subject well is not available, but all logs available within the Unit Area were submitted with the original request for approval of the waterflood project.

Injection in other wells within the Unit Area is expected to begin in May, 1972. The injection plant is completed, and the distribution system is 90% completed. Since injection has not commenced response has not been received, and Form C-116 showing production tests of affected wells is not attached. Waivers are not attached, since only Unit wells are adjacent to the proposed conversion.

New Mexico Oil Conservation Commission -2-  
Langlie-Jal Unit



We respectfully request that administrative approval be granted for this conversion. In the event that administrative approval cannot be tendered, please set the matter for hearing at the earliest Examiner Docket available.

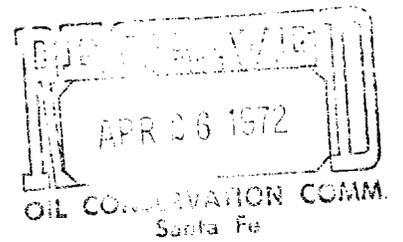
Yours truly,

UNION TEXAS PETROLEUM CORPORATION

A handwritten signature in cursive script that reads "Don B. Wells".

Don B. Wells

DBW:ra

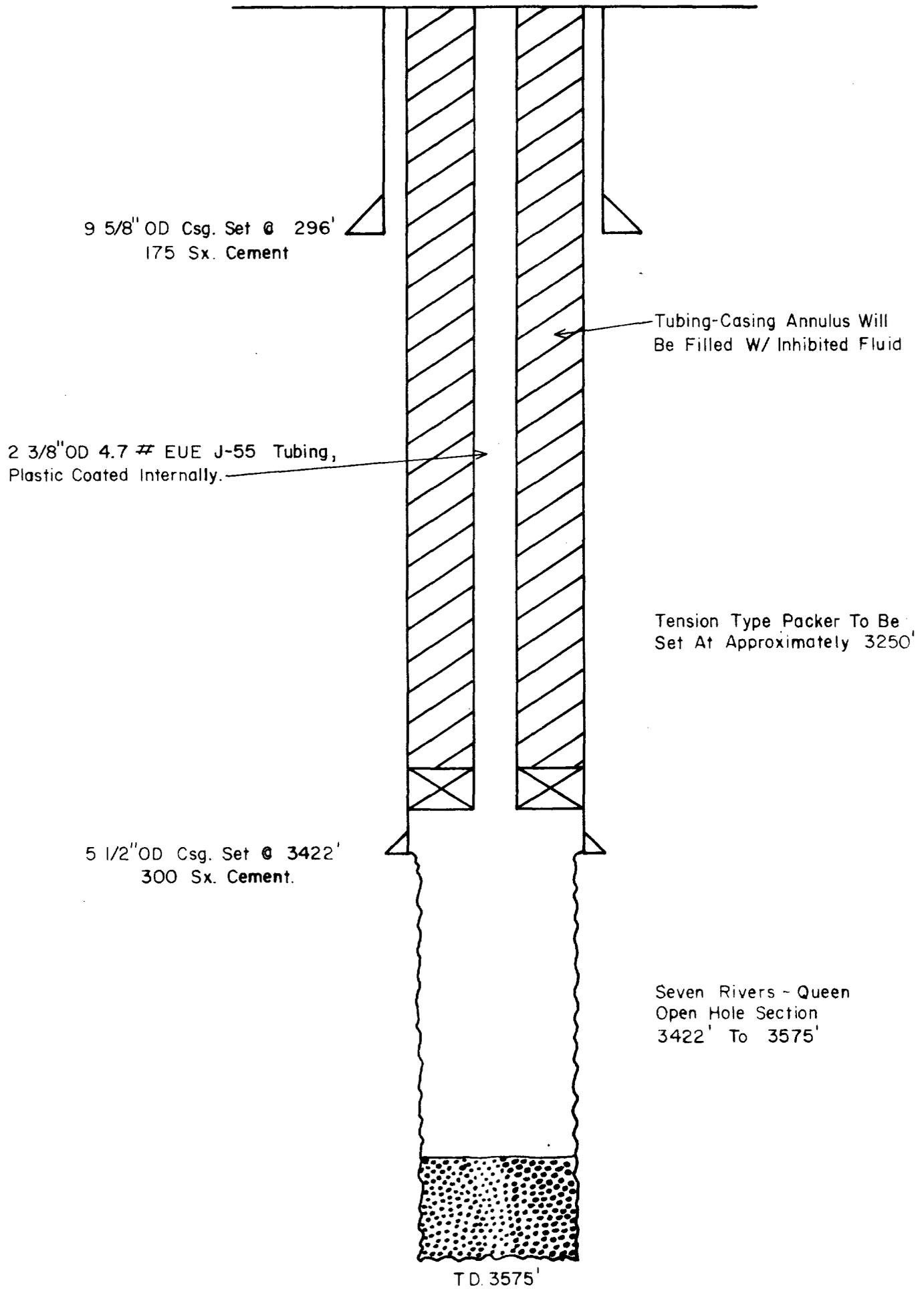


INJECTION WELL DATA

Langlie-Jal Unit Well No. 21

Location: Unit "J", Section 32, T-24-S, R-37-E  
County: Lea  
State: New Mexico  
Casing: 9-5/8" OD surface casing set at 296' with 175  
sacks cement. Top at surface. 5-1/2" OD production  
casing set at 3422' with 300 sacks cement.  
Total Depth: 3575'  
Completion Interval: 3422-3575  
Log: Not Available  
Packer Depth (Proposed): 3250'

DIAGRAMMATIC SKETCH  
PROPOSED INJECTION WELL  
UNION TEXAS PETROLEUM CORPORATION  
*LANGLIE-JAL UNIT NO. 21*  
LOCATED UNIT J, SEC. 32-25S-37E  
LEA COUNTY, NEW MEXICO



LARGE FORMAT  
EXHIBIT HAS  
BEEN REMOVED  
AND IS LOCATED  
IN THE NEXT FILE