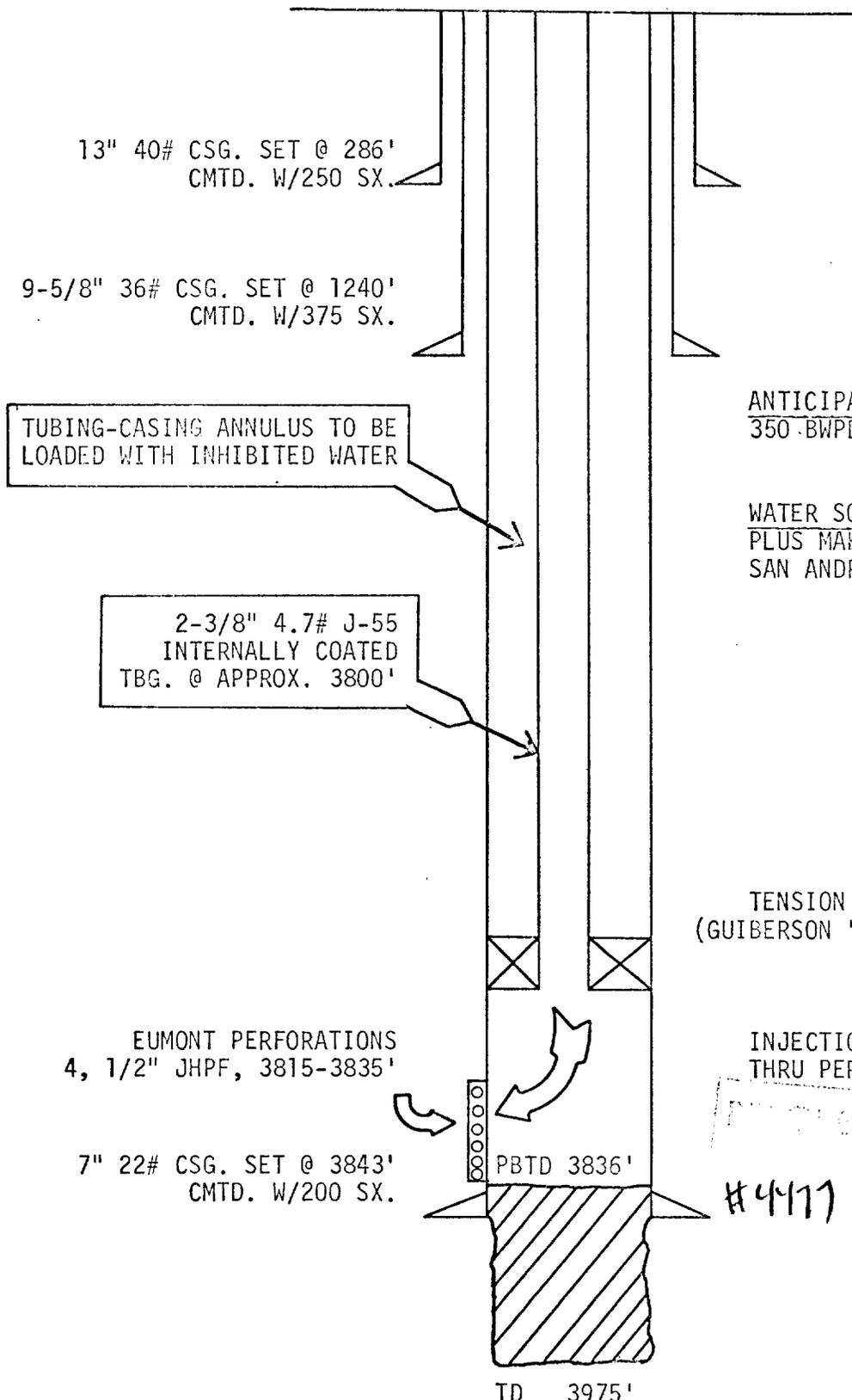


DIAGRAMMATIC SKETCH  
 PROPOSED WATER INJECTION WELL  
 EXPANSION AREA - NORTHWEST EUMONT UNIT WATERFLOOD PROJECT  
 LEA COUNTY, NEW MEXICO

NWEU WELL NO. 153  
 (UNIT A, 34-19S-36E)



13" 40# CSG. SET @ 286'  
 CMTD. W/250 SX.

9-5/8" 36# CSG. SET @ 1240'  
 CMTD. W/375 SX.

TUBING-CASING ANNULUS TO BE  
 LOADED WITH INHIBITED WATER

2-3/8" 4.7# J-55  
 INTERNALLY COATED  
 TBG. @ APPROX. 3800'

EUMONT PERFORATIONS  
 4, 1/2" JHPF, 3815-3835'

7" 22# CSG. SET @ 3843'  
 CMTD. W/200 SX.

PBTD 3836'

TD 3975'

ANTICIPATED INJECTION VOLUME:  
 350 BWPD

WATER SOURCE: PRODUCED WATER  
 PLUS MAKE-UP WATER FROM  
 SAN ANDRES WATER SUPPLY WELL

TENSION TYPE PKR. @ APPROX. 3800'  
 (GUIBERSON "SHORTY" OR BAKER MODEL "AD")

INJECTION INTERVAL 3815-3835'  
 THRU PERFS. IN QUEEN FORMATION

PRODUCTION

#4477

Run Apt # 6  
 1-6-71

CASE NO. 4477  
 EXHIBIT NO. 6  
 JANUARY 6, 1971