

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

NWEU WELL NO. 141
 (UNIT G, 27-19S-36E)

8-5/8" 32# H-40
 CSG. SET @ 257'
 CMTD. W/200 SX. CIRC.

TUBING-CASING ANNULUS TO BE
 LOADED WITH INHIBITED WATER

2-3/8" 4.7# J-55
 INTERNALLY COATED
 TBG. @ APPROX. 3900'

5-1/2" 15.5# J-55
 CSG. SET @ 3947'
 CMTD. W/450 SX.
 TS TOP @ 2535'

ANTICIPATED INJECTION VOLUME:
 350 BHPD/INJECTION WELL

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

#4477
 1-6-71
 n.e. #3

TENSION TYPE PKR. @ APPROX. 3900'
 (GUIBERSON "SHORTY" OR BAKER MODEL "AD")

INJECTION INTERVAL 3947-4068'
 OPEN HOLE IN QUEEN FORMATION

PBTD 4068'
 TD 4095'

CASE NO. 4477
 EXHIBIT NO. 3
 JANUARY 6, 1971