

ATTACHMENT TO WELL COMPLETION

FEDERAL "E" #7

Lea County, New Mexico

Depth Interval

Penrose
4151-71'

7/28/83

Western Co. acidized Penrose @ 4151-71' with 3000 gals 15% NE-FE acid. Ran 30 RCN Balls. Balled out. Min 2500#, Max 7100#, Avg 2800# - ISIP 1500# - 5 min 1425#. Western fracture treated Penrose with 38,850 12/20 sand. Min 1800#, Max 2200#, ISIP 1800# - 5 min 1700#, 10 min 1700#, 15 min 1600#.

Queen
3900-36'

8/03/83

Western acidized Queen @ 3900-36' with 3000 gals 15% DS-30 acid - Ran balls to divert, balled out. Press: Min 2300#, Max 6400#, Avg 2900# - ISDP 1300#, 5 min 1000#. Western fracture treated Queen with 40,000 gals Mini-Max III-30 with 42,800# 20/40 sand plus 16,200# 12/20 sand. Press: Min 1850#, Max 2500#, Avg 2000#, ISIP 2000#, 5 min 1800#, 10 min 1808#, 15 min 1750#.