

ATTACHMENT TO WELL COMPLETION

Federal "E" #5

Lea County, New Mexico

Depth Interval

|            |        |                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4130-4150' | 6/2/83 | Western acidized with 3000 gals 15% DS-30 acid w/XR2L and 36 RCNB. Balled out - Avg 3800# - Flushed w/23 bbls KCL water - Avg rate 5.8BPM - Min 1200# - Max 5900#.                                                                                                                                                                                                                                                      |
|            | 6/3/83 | Western fracture treated Penrose with 30,000 gals Mini Max III-30 and 23,000# 20/40 and 17,000# 12/20 sand. Avg rate 15 BPM - Min 1500# - Max 2100# - Avg 1800#.                                                                                                                                                                                                                                                        |
| 3872-3904' | 6/8/83 | Western acidized Queen with 3000 gals 15% DS-30 acid using 34 RCNG to divert. Balled out - Avg rate 6 BPM - Min 3000# - Max 5800# - Avg 3600# - ISDP 1500# - 5 min 1400# - 10 min 1300#.<br>Western fracture treated Queen with 34,500 gas Mini Max III-30 with 32,000# 20/40 sand and 9000# 10/20 sand - Avg rate 15 BPM - Min 2200# - Max 2500# - Avg 2200# - ISDP 2000# - 5 min 1900# - 10 min 1900# - 15 min 1800#. |

  
Gaylon Thompson, Exploration Secretary