

ATTACHMENT TO
"SUNDRY NOTICES AND REPORTS ON WELLS"
FORM 3160-5

Queen Lake "20" Federal #1
Pierce Crossing Field
Eddy County, New Mexico
Operator: Hallwood Petroleum, Inc.

PROCEDURE: Recomplete Uphole

- 10/07/93 **FIRST REPORT.** MIRUSU on 10/6/93, unseat pmp, POH w/pmp & rods, NU 10K & 5K spool, NU BOP, POH w/tbg, RU Wedge wireline, RIH w/Guiberson 5-1/2" RBP & set @ 8,910', cap w/25' of sand.
- 10/08/93 RIH w/HSC gun & perforate Bone Spring @ 7,522-7,532' w/4 spf, 180° phasing, 13.5 gram charge, RIH w/5-1/2" pkr, SN, test 2-7/8" N-80 EUE tbg to 8,000 psi, set pkr & test to 1,000 psi, NU Western Co, spot acid to pkr, set pkr & press annulus to 500 psi, pmp 2500 gal of 7 1/2% HCl acid w/additives.
- 10/09/93 Open well on 20/64" choke & flowed 20 bbls in 1 1/2 hrs, swab all day, rec 50 bbls of water & 30 bbls of oil, SWIFW.
- 10/12/93 Prepare to release pkr, TOH w/tbg & prep to frac.
- 10/13/93 RIH w/SN & 246 jts of 2 7/8" tbg, land tbg @ 7,440', SWIFN.
- 10/14/93 NU Western Co & circ hole w/165 bbls of 2% KCl fresh, NU to tbg & frac Bone Spring w/Viking I-30D, avg psi 4100, max psi 4250, avg rate 21 bpm, pmp 59,430# 20/40 Ottawa sand, shut well in for 4 hrs, open well @ 3:00 p.m. on 10/64" choke @ 600 psi.
- 10/15/93 Flow back, flowing 550# FTP, 940# SICP, 235 bbls of frac load rec & 67 bbls of oil.
- 10/19/93 Produced 72 BO & 41 BW (43 BLWTR) @ 460# FTP & 1125# SICP in 24 hrs on a 16/64" choke.
- 10/25/93 Produced 36 BO, 15 BW & 101 MCF @ 100# FTP & 1050# FCP.