

SUNDRY NOTICES AND REPORTS ON WELLS ATTACHMENT

Continued from page 1: FEDERAL 11-20-34 #2 - LEA (BONE SPRING) - NM-0631

- 10) Set Retainer @ 5000' - Squeeze with 50 sx Class C cement - Max pressure 1900 psi.
- 11) Drilled cement & retainer from 5045' to 5305'.
- 12) Test casing 1500 psi; 1 minute 800 psi.
- 13) Spot 100 sx Class H w/3% Halad 9 - Stage 15 bbls into hole - FSI 2090 psi; 1 hour 2000 psi and steady.
- 14) Drill cement from 5054' to 5410'. Circulate hole clean.
- 15) Test casing to 2500 psi; 10 minutes 1800 psi.
- 16) Ran CBL from 10,500' to 5,000'.
- 17) TIH to 5700' - Swab well down and perform negative casing integrity test - no significant fluid entry from casing - move packer to 9785'.
- 18) Perforate 10136'-10144'; 10121'-10126' with 4 jet shots per ft. - total 52 holes. Acidized with 1500 gals 15% NEFE - Max pressure 4600 psi - Avg pressure 3700 psi - Recovered 26 BO, 79 BW in 5 hrs. ISIP 2650 psi/15 min 2650 psi.
- 19) Perforate 9846'-9858' with 4 jet shots per ft. Set RBP 9912', Packer 9877' - Test to 4000 psi - Held OK.
- 20) Acidized with 2500 gals 15% NEFE. Max Pressure 4450 psi - Avg Pressure 4000 psi. ISIP 3500 psi - 15 min 1500 psi. Rec 17 BO - 58 BW - Flow 18½ BO/5½hrs. Rec RBP.
- 21) Perforate 9556'-9590' with 2 jet shots per ft and 9590'-9598' with 4 jet shots per ft. - Total 100 holes. Set RBP @ 9666' - Tested to 4000 psi - Held OK.
- 22) Acidized with 2500 gals 15% NEFE - Max Pressure 3800 psi - Avg Pressure 3100 psi ISIP 3800 psi/15 min 400 psi. Recovered 91 BO & 139 BW.
- 23) Pull RBP & Packer - TIH with new string tubing. Ran 322 jts, 2 3/8", N-80, 4.70#, tubing to 10180.25'.
- 24) Build tank battery, lay flow lines, and set pumping unit.
- 25) Ran 122 - 3/4' sucker rods, 80 - 7/8" sucker rods, and 132 - 1" Fiberglass rods.
- 26) Potential well:

Date of Test : 3-22-89  
Prod. Method : Pumping  
Length of Test: 24 hrs.  
  
Produced : 165 Bbls Oil  
          45 Bbls Water  
          349 MCF  
  
Tubing Press : 80  
Casing Press : 80