

ROBERT N. ENFIELD  
HUDSON FEDERAL NO. 3  
LEA COUNTY, NEW MEXICO  
ZONE NO. 5 SAND  
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8/30/90: 13 1/2 hour SITP 300 psig. Blew well down, Initial fluid level 1000' from surface. Made 1 swab run and recovered 1800' of fluid, 100% oil. Well kicked off and flowed for 1/2 hour and died. Swabbed for 8 hours. Final fluid level 8500' from surface, scattered to seating nipple. In 9 hours flowed and swabbed 56 barrels load water and 34 barrels oil. Recovered 500' and 400' of fluid on last 2 runs with 60-70% oil cut. Shut well in at 5:00 PM.

8/31/90: 14 hour SITP 20 psig. Bled off. Ran swab, initial fluid level at 4100'. Made 4 runs and recovered 13 oil and 3 barrels water. Rigged up pump truck and loaded tubing with 34 barrels 2% KCl water. Pumped into formation at 1 BPM at 400 psig. Tubing on slight vacuum at end of job. Released packer and went in the hole and tagged sand at 9451' (53' below perforations). Trip tubing and ran back in the hole with mud anchor, seating nipple and 10 joints tubing, anchor catcher and 274 joints of tubing. Set end of tubing at 9199'. Rig down BOPs, set anchor catcher with 12,000# tension. Rig down pulling unit at 3:30 PM and moved to the Penn 29 No. 1.

9/1/90: Moved pulling unit, Lufkin 320 pumping unit, and rods to location. Shut down for holidays.

9/2/90: Shut in.

9/3/90: Shut in.

9/4/90: No pressure on well after being SI. Ran pump and rods. Hooked up well head and flow line. Started well pumping at 2:20 PM. 7 1/2 SPM, 100 strokes. Moved Pride Service to the Hudson Federal No. 2. At 4:00 PM well pumping water with a rainbow show of oil. 1,011 Barrels load to recover. Turned well over to Gray Pumping Service for daily pumping gauges.

9/5/90: Pumped 102 barrels load water and -0- barrels of oil. 909 BLW to recover.

9/6/90: Pumped 127 barrels load water and -0- barrels of oil. 782 BLW to recover.

9/7/90: Pumped 106 barrels load water and -0- barrels of oil. 676 BLW to recover.

9/8/90: Pumped 19 barrels load water and -0- barrels of oil. 657 BLW to recover.

9/9/90: Pumped -0- barrels load water and -0- barrels of oil. 657 BLW to recover.

9/10/90: Pumped -0- barrels load water and -0- barrels of oil. 657 BLW to recover. Worked on motor, died three times. Lowered rods to tag bottom, worked on clutch.