

ROBERT N. ENFIELD  
HUDSON FEDERAL NO. 3  
LEA COUNTY, NEW MEXICO  
COMPLETION REPORT  
PAGE -4-

- 10/1/89: 7:00 AM SITP 1640 psig. Open well to tank on 20/64" choke, first hour recovered 20 bbl oil and -0- water, second hour recovered 4 barrels load water and 25 bbls oil. Third hour 18/64" choke, FTP 760 psig, recovered 1 bbl load and 22 bbl oil. On 17/64" choke had 780 psig FTP. Flowed for 5 hours on 16/64" choke and recovered 2-5% water/hour and 22 BO/hour. Flowed on a 15/64" choke for 5 hours FTP 730 psig, recovered trace - 1% water/hour and 19 BO/hour. Shut down for night at 8:00 PM. MST. After flowing for a total of 13 hours recovered 7 barrels load water and 277 barrels oil for day.
- 10/2/89: SITP 1300 psig. Rig up Jarrell Services and go in hole with gauge ring to 10,942'. Go in hole and set plug in "F" nipple at 10,945'. Bled pressure off tubing and load tubing with 2% KCL water. Nipple down BOP and nipple up well head. Release on-off tool. Pumped 55 barrels 2% KCL water down casing. Pull out of hole with tubing. Go in hole with RBP (packer type) and set at 10,500'. Pick up tubing to 10,386'. Shut down for night.
- 10/3/89: Rig up Halliburton pump truck, break circulation, pressure up to 1200 psig, pump rate 1 1/2 BPM, pressure bled back to 400 psig. Pump rate 2 BPM pressure 1700 psig, bled back to 400 psig, pump rate 3 BPM at 2500 psig, bled back to 400 psig. Pumped total of 24 barrels 2% KCL water. Went in hole and catch Retrievable bridge plug and pull up hole to 10,036', pressure up to 3000 psig, no leaks. Pick up RBP and run back in hole (drag in DV tool), worked back and forth. Set RBP at 10,500', pressure up to 3000 psig for 20 minutes, no leak. Released pressure and pulled tubing to 10,386'. Spot 500 gallons 10% acetic acid from 10,386' to 10,086'. Pulled tubing and load hole with 2% KCL water. Rig up Jarrell Services to perforate. Install pack off and run in hole to 1000', pressure to 1000 psig, no leaks. Go in hole with perforating gun (4" B Penetrating gun) perforate from 10,384' to 10,386' with 5 SPF (.5 2" holes, 15.03 penetration). Ran Halliburton RTTS packer, seating nipple and 319 joints tubing to 10,308', pumped 12 barrels 2% KCL water. Remove BOP and install well head. Set packer and pressure up to 500 psig. Pressured up slowly on tubing to 2000 psig, bled back to 1000 psig in 2 minutes, repeated this step for 1 1/2 hours. Displaced acid. Instant shut down pressure 1900 psig, in 4 minutes -0- psig. Have 52 barrels load water to recover. Rig up swab and swabbed back 25 barrels load. Final fluid level 6500' from surface. On last run had small amount gas with load water. Shut well in at 7:15 PM.