

ROBERT N. ENFIELD
HUDSON FEDERAL NO. 3
LEA COUNTY, NEW MEXICO
COMPLETION REPORT
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- 10/4/89: At 7:00 AM shut in tubing pressure 160 psig. Bled off, all gas. Initial fluid level 2800'. Swabbed back remainder of load water. Fluid level 9700'. Small amount of gas and 1 BOPH and 2 BWPB with emulsion (water appears to be formation water). Rig up Halliburton and retreat perforations 10,384' - 386' with 1000 gallons NEFE acid and 1 gallon 1088. Maximum pressure 2000 psig, minimum pressure -0- psig. Rate 1/10 BPM to 1 BPM. With about 100 gallons acid into perforations, broke from 2000 psig at 1/10 BPM to -0- psig at 1 BPM. 67 barrels load water to recover. Rig up swab. Initial fluid level 700' from surface. Swabbed a total of 72 barrels water and 1 BO. Final fluid level 2800' from surface. Recovered approximately 15 BPH at 4 - 5% oil and 95% water. Shut in at 6:00 PM.
- 10/5/89: This AM SITP 220 psig. Rig up swab, initial fluid level 2800' from surface. Had about a 1/4 barrel of oil on top. Swabbed and recovered 46 barrels water, 15 BPH with oil percentage decreasing to trace. Remove well head and install BOP. Released packer and dump 3 sacks sand and pumped down tubing on top of retrievable bridge plug. Pull out of hole with tubing and remove RTTS packer. Rig up and set cement retainer at 10,300'. Run stinger and sting into retainer at 10,300'. Shut in for night.
- 10/6/89: Rig up Halliburton and squeeze perforations from 10,384' - 10,386' with 75 sacks 0.04% Halad 9 and 75 sacks Class Neat. Squeeze to 4000#. Reverse out 41 sacks and left 16 sacks in casing and 93 sacks in perforations. Pulled tubing and shut well in.
- 10/7/89: Well Shut in.
- 10/8/89: Well Shut in.
- 10/9/89: Go in hole with 6 1/8" bit, 6 drill collars, and tubing. Rig up reverse circulating unit. Drill out cement retainer and drill 80' cement through perforations. Pressure up on casing to 2000 psig, no leaks. Release pressure. Run down hole to 10,500' and wash sand off retrievable bridge plug. Pull out of hole and lay down drill collars and shut well in for night.