

through. Located top of PBR at 10,659' and bottom at 10,677'. Tubing free above and below PBR. Tubing free to 13,175'. Went in hole with chemical cutter and cut long string at 13,125'. Pulled out of hole and layed down long string (371 joints 2-3/8" tubing). Ran 58 joints 2-3/8" 4.7# N-80 8rd EUE with ABC mod couplings and 321 joints 2-3/8" 4.7# N-80 8rd EUE ABC mod with beveled collars. Set packer at 12,313.99' with 10,000# compression. After several swab attempts on short string, well kicked off. Flare 15-20' on open choke with 3/4" stream of water. Ran temperature and flow meter logs. Logs showed all flow from Atoka perfs 12,432-36'. Production logs indicated channel behind pipe from 12,680 - Atoka perfs at 12,432-12,441'. Opened well on 24/64 choke, well flowed gas with spray of water. Pumped 50 bbls 12.3# mud down tubing - no flow. Pulled out of hole with packer. Went in hole with retainer; pumped through retainer, and set same at 12,361'. Spotted 200 sx Class H with 0.8% Halad 22A + 0.5% CFR-2 with 4% KCL at 1000' above retainer. Squeezed 40 bbls into formation perfs 12,432-441', pulled out of retainer and reversed out 8 bbls cement. Drilled cement to 12,457' and fell free (old Atoka perfs 12,432-41'). Displaced hole with 530 bbls 2% KCL water and corrosion inhibitors. Spotted 100 gals 10% acetic acid from 12,457-357'. Bond log showed good bond from 12,422-558, poor bond from 12,558-700'. Perfed Atoka 12,432-442' with 1 JSPF (11 holes with 0.40" entry diameter.) Tripped in hole with tubing and 4-1/2" Baker Lok-Set. Set packer at 12,314'. Flow and swab tested. Acidized Atoka perfs 12,432-42' with 2000 gallons 7-1/2% HCL acid with 1000 scf per bbl. N₂ per bbl and 21 ball sealers; made several swab runs; well flowed on 16/64 with 260 mcf and 26 BW with 825 psi tubing pressure. Turned down sales line 10:30 a.m. 1/9/82.