

Daily Report

Workover & Recomplete in Morrow Sands

Cueva Unit #1
Sec. 6-T23S-R26E
Sheep Draw Field
Eddy County, New Mexico

- 4-9-96 Shut in tubing pressure--80#. Released packer and tripped out of hole. Made up Guiberson Type "E" cement retainer and went in hole. Ran in hole with 363 jts tubing and 6' sub. setting tool + 12' KB correction. Pumped through retainer with 50 bbls, set retainer, tested tubing to 5000#, released from retainer, stung back into retainer and pressured up to 5000#. Could not pump through retainer. Stung out and reversed 50 bbls to pit. Stung back into retainer and could not pump through retainer. Pressured up to 1000# and stung out to try and wash out debris. Tried to clean debris out of retainer numerous times with no success. Tripped out of hole with tubing. Setting tool was clear and intact. Broke out and checked manifold. All valves in manifold clear. Picked up Guiberson Uni-VI 10K pkr + XL on/off tool w/1.81" F profile. Went in hole with 80 stands tubing. SION.
- 4-10-96 Finished going in hole with tubing. Ran total of 361 jts + 10' sub. Bottom of packer set at 11,148'. Rigged up swab and started swabbing. Made total of 15 swab runs. Last 3 runs from seating nipple. Had small amount of gas with 1' flare and fair tail gas after each run. Built to 20# while changing cups. Nippled down BOP, and flanged up tree. Left open to pit overnight on 1/4" choke.
- 4-11-96 Well flowed this AM w/15# on 28/64 choke. Rigged up swab and initial FL at 2100' FS. Swabbed down to 6000' in 7 runs. Rigged down swab. Released crew for the day. Rigged up Cardinal Surveys and ran pump in tracer. Tracer showed cement retainer had moved up hole to 11,188' and that injected isotopes were traveling down inside of casing and past retainer. Cement retainer was not holding. Pressure to inject started at 3000# and decreased to 1000#. Valve in retainer probably had debris in it and would not allow pumping through it after setting on 4-9-96. Debris must have washed out of valve allowing for drop in injection pressure. SION.
- 4-12-96 Released packer and TOH. Broke off and sent packer in for repair to Guiberson--Hobbs. Rigged up reverse unit. Made up 4 3/4" milltooth bit, 6--3.5" drill collars and went in hole. Tagged cement retainer at 11,187'. Picked up swivel. Drilled on cement retainer. Drilled out retainer and picked up tubing and pushed to 11,388'. Circulated hole clean. Laid down swivel and started out of hole. Pulled out of hole with 60 stands. SION.