

South Mattix Unit Federal Well #24  
Unit O, 510' FSL & 1830' FEL, Section 15, T-24-S, R-37-E  
Lea County, New Mexico  
Multiple Formations  
Proposed Re-Completion Procedure

April 22, 1996

1. MIRU Service Rig.
2. Kill well, POOH with tubing.
3. RIH w/ and set a CIBP at 9500' dump 35' of cement on top of CIBP.
4. Circulate well over to clean filtered 2% KCL water
5. Rig up perforators and perf the Fusselman zone at 4 DP JSPF, 90 degree phasing. Interval to be perforated is 7504 to 7544' and 7486 to 7500'.
6. RIH with tubing, and PPI packer. Acidize both intervals with 3000 gallons of 15% HCL acid.
7. POOH with PPI and tubing, RIH with packer and tubing, set packer at 7470'. Swab well to evaluate.
8. If well is unproductive then POOH w/ packer and tubing, rih and set a CIBP at 7470' dump 35' of cement on top of CIBP.
9. Rig up perforators and perf the U. Silurian zone at 4 DP JSPF, 90 degree phasing. Interval to be perforated is 7118 to 7159' & 7166 to 7174'.
10. RIH with tubing, and PPI packer. Acidize both intervals with 2500 gallons of 15% HCL acid.
11. POOH with PPI and tubing, RIH with packer and tubing, set packer at 7100'. Swab well to evaluate.
12. If well is unproductive then POOH w/ packer and tubing, rih and set a CIBP at 7100' dump 35' of cement on top of CIBP.
13. Rig up perforators and perf the U. Paddock zone at 4 DP JSPF, 90 degree phasing. Interval to be perforated is 4813 to 4843'.
14. RIH with tubing, and PPI packer. Acidize Upper Paddock with 1500 gallons of 15% HCL acid.
15. POOH with PPI and tubing, RIH with packer and tubing, set packer at 4795'. Swab well to evaluate.
16. Rig out/move off, put well on production.