Cross Timbers Operating Company Herman #1 Attachment to Form C-103

## PERFORATE ADDITION BLINEBRY & STIMULATE

1/7/97 to 1/24/97 Rigged up pulling unit. Pulled rods & pump. Could not release TAC. Chemical cut tubing above & below TAC. Pulled tubing & cut off tubing joint. Fished TAC & remainder of tubing string. Started drilling out cement cap & CIBP @ 6250'. Bit got stuck. Backed off tubing. Fished bailer, tubing & bit. Finished drilling out cement cap & CIBP. Run GR/CCL correlation log from 6976' - 4000'. Perforated Blinebry 1 JSPF @ 6312', 6314', 6334', 6361', 6363', 6370', 6394', 6411', 6425', & 6429' (ttl 10-0.52" holes). Set packer @ 6245'. Acidized new Blinebry perforations from 6312' - 6429' with 1500 gals 15% NEFE HCL acid with 15 ball sealers. Frac'd new Blinebry perforations from 6312' - 6429' with 21,000 gals xlinked gel carrying 50,000 lbs 20/40 Ottawa sand. Pulled packer. Perforated Blinebry 1 JSPF @ 5858', 5860', 5871', 5880', 5882', 5894', 5901', 6096', 6102', 6106', 6109', 6114', 6125', 6132', 6133', 6137', 6205', 6207', 6211' and 6243' (ttl 20 - 0.52" holes). Set RBP @ 6300'. Set packer @ 6085'. Acidized new Blinebry perforations from 6096' - 6243' with 1900 gals 15% NEFE HCL acid with 18 ball sealers. Reset RBP @ 5905'. Reset packer @ 5821'. Acidized new Blinebry perforations from 5858' - 5901' with 2250 gals 15% NEFE HCL acid with 12 ball sealers. Pulled RBP & pkr. Run 2-3/8" production tubing to 6596'. Ran 1-1/4" rod pump & rods. Hung on rods. Returned well to pumping. Production interval now 5858' - 6429' (Blinebry).

