

Cross Timbers Operating Company

Herman #2

Attachment to Form C-103 dated 2/10/97

Perforate Additional Blinebry & Stimulate

1/28/97 to 2/8/97: Rigged up pulling unit. Pulled rods & pump. Pulled 2-3/8" production tubing. Fished perforated sub & mud anchor joint out of well. Drilled out cement cap & CIBP @ 6270'. Ran GR/CCL correlation log from 7042'-4000'. Set CIBP @ 6452' above old Tubb perforations 6474'-6647'. PBTd 6452'. Perforated Blinebry 1 JSPF @ 6325', 6327', 6339', 6345', 6379', 6406' & 6412' (ttl 7 - 0.50" holes). Set treating packer @ 6210'. Acidized Blinebry perforations 6325' - 6412' using 1200 gals 15% NEFE HCL acid with 11 ball sealers. Frac'd same perforations with 29,000 gals x-linked gel carrying 76,000# 20/40 Ottawa sand. Pulled treating packer. Cleaned out frac sand fill. Perforated Blinebry 1 JSPF @ 5867', 5875', 5882', 5886.5', 5889', 5894', 6094', 6100', 6105', 6124', 6129', 6131', 6139', 6178', 6194', 6200' & 6203' (ttl 17 - 0.50" holes). Set RBP @ 6260'. Set treating packer @ 6075'. Acidized Blinebry perforations 6094'-6412' using 2500 gals 15% NEFE HCL acid with 15 ball sealers. Reset RBP @ 5940'. Reset packer @ 5709'. Acidized Blinebry perforations 5867'-5894' using 1900 gals 15% NEFE HCL acid with 11 ball sealers. Pulled RBP & treating packer. Ran 2-3/8" production tubing to 6325'. Ran 1-1/4" rod pump & rods. Returned well to rod pumping. Production interval now 5867'-6412' (Blinebry). PBTd 6452'.